Poster Session／ポスター発表
<table>
<thead>
<tr>
<th>GP-01</th>
<th>10:00~11:00</th>
<th>Children/発達障害</th>
</tr>
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<tbody>
<tr>
<td>Chair</td>
<td>Koji Okamoto</td>
<td>Showa Long-Term Care Health Facility (岡本宏二 介護 老人保健施設しょうわ)</td>
</tr>
</tbody>
</table>

**GP-01-1 CH**

*Modified Ride-on Toy Cars for Early Power Mobility and Socialization: A Technical Report*

Hsianghan Huang¹, James C. Galloway²

¹Dept of Occupational Therapy and Graduate Institute of Behavioral Sciences, Chang Gung University, ²Dept of Physical Therapy and Biomechanics and Movement Sciences Program, University of Delaware

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<table>
<thead>
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<th>GP-01-2 CH</th>
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</table>

*Social skills assessments by occupational therapists and teachers: Are we observing the same thing?*

Sok Mui Lim¹, Natasha Palethorpe², Sylvia Rodger³

¹Singapore Institute of Technology, ²Downer EDI Mining Pty Ltd, ³The University of Queensland

---

<table>
<thead>
<tr>
<th>GP-01-3 CH</th>
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</thead>
</table>

*Impacts of autistic behavior and general behavior problems of children with autism on parenting stress of their caregivers*

Kuan-Lin Chen¹, Chien-Yu Huang², Hsiu-Chen Yen³, Li-Chen Tung⁴, Ying-Dar Chen⁵

¹School of Occupational Therapy, National Cheng Kung University, ²School of Occupational Therapy, National Taiwan University, ³Department of Physical Medicine and Rehabilitation, Chi Mei Medical Center, ⁴Department of Physical Medicine and Rehabilitation, Country Hospital

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<table>
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*Differences of visual perception in pre-term and full-term children at 5 years of age*

Tzu-I Lee¹, Tien-Ni Wang¹, Yan-Yu Chen¹, Tsu-Hsin Howe², Yung-Wen Hsu²

¹School of Occupational Therapy, College of Medicine, National Taiwan University, ²Department of Occupational Therapy, School of Steinhardt of culture, education and human development, New York University, ³Department of Occupational Therapy, National Cheng Kung University

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<th>GP-01-5 CH</th>
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*Measuring the Playfulness of Children with Special Needs in Caregiver Included Community Playgroups*

Sarah Fabrizi¹

¹Department of Occupational Therapy and Community Health, Florida Gulf Coast University

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<table>
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<td>University of Witwatersand</td>
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**GP-02-1 MH**

*Forensic occupational therapy: rising to the challenge: Practice guideline development*

Jane Cronin-Davis¹, Mandy Lang¹, Rhona Macleod¹, Kathryn Mason¹, Mandy Sainty¹

¹York St John University, ²Partnerships in Care, UK, ³Northumberland Tyne and Wear NHS Trust, ⁴South Staffordshire and Shropshire Healthcare NHS Trust, ⁵College of Occupational Therapists

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<table>
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*Translation and Validation of the Chinese Version of Dispositional Flow Scale-2 (DFS-2) and Flow Status Scale-2 (FSS-2) for Persons with Schizophrenia in Taiwan*

Lin-Jye Huang¹, Chinyu Wu², Yi-Hong Yang³, Yung-Chun Fang³, Hsu-Chang Huang³

¹Department of Psychiatry, Taipei City Hospital Yangming Branch, Taipei, Taiwan, ²Division of Occupational Science and Occupational Therapy, School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA, ³Department of Occupational Therapy, Taipei City Hospital Songde Branch, Taipei, Taiwan
**GP-02-3 MH**

Stress and Flow State in Clinical and Non-Clinical Populations: Participation in Virtual Reality Exergames to Reduce Stress

Lori Andersen¹, Linda Martin¹, Julie Hammerling²

¹Department of Occupational Therapy and Community Health, Florida Gulf Coast University, ²Department of Health Sciences, Florida Gulf Coast University

**GP-02-4 MH**

Utilising the Residential Environment Impact Survey to identify how supported accommodation facilitates rehabilitation for people with complex mental health needs

Michelle Harrison¹, Kirsty Forsyth¹, Gail Fisher², Linda Irvine³, Rocco Angarola¹

¹Firefly Research, Queen Margaret University Edinburgh, ²University of Chicago at Illinois, ³NHS Lothian

**GP-02-5 CH**

Partnering for Change: An evidence-based and innovative model for providing OT services in school settings

Cheryl Missiuna¹, Nancy Pollock¹, Cathy Heccimovich³, Sheila Bennett³, Chantal Camden³

¹School of Rehabilitation Science and CanChild, McMaster University, ²Central West Community Care Access Centre, ³Brock University

**GP-03 14:30∼15:30 Physical Disabilities/身体障害**

Chair/座長
Kazuyuki Tasaki
Aino Memorial Hospital (田崎和幸 愛野記念病院)

**GP-03-1 PD**

Inhibition of soleus H-reflex by afferent inputs from the contralateral homonymous muscle

Nan Liang¹, Aiko Takezawa¹, Ayumi Tsubota², Makoto Takahashi³, Kahi Matsukawa³

¹Integrative Physiology, Graduate School of Biomedical and Health Sciences, Hiroshima University, ²Occupational Therapy, Institute of Health Sciences, Hiroshima University, ³Biomechanics, Graduate School of Biomedical and Health Sciences, Hiroshima University

対側同名筋の求心性入力によるヒラメ筋 H 反射の抑制効果

梁楠¹, 竹澤藍子¹, 田川夏生¹, 松川寛二³

広島大学大学院医歯薬保健学研究科生理機能情報科学, ²広島大学医学部保健学科作業療法学専攻, ³広島大学大学院医歯薬保健学研究科生体運動・動作解析学

**GP-03-2 PD**

Innovative Applications of OT Tools: OT Assessment Battery for Ventricular Assist Device Patient Selection

Phuong Nguyen¹,², Whitney Pike¹,²

¹Division of Occupational Science and Occupational Therapy, University of Southern California, ²Keck Medical Center of USC

**GP-03-3 PD**

A new spider splint: Application during the maintenance period

Sakiko Nakamura¹, Koichi Ohba¹, Kiyoshi Iwashita¹, Kiyoshi Yasaki¹,²

¹Rehabilitation center, Sowa central hospital, ²Faculty of health sciences, Occupational therapy Dept., Meiji University

新 Spider splint 維持期での応用

中村早紀子¹, 大場耕一¹, 岩下清志¹, 矢崎 潔¹,²

総合中央病院総合リハビリテーションセンター, ²目白大学保健医療学部 作業療法学科

**GP-04 14:30∼15:30 Elderly/老年期障害**

Chair/座長
Misaki Katada
Nishikinosato (片田美咲 介護老人保健施設 にしきの里)

**GP-04-2 EL**

Long-Term Outcome for ADL Following the Health-Promoting RCT Elderly Persons in the Risk Zone

Susanne Gustafsson¹, Kajsa Eklund¹, Greta Haggblom-Kronlof¹, Gunilla Gosman-Hedstrom¹, Synneve Dahlin-Ivanoff¹,²

¹Institute of Neuroscience and Physiology/Occupational therapy, Gothenburg University, ²Vardalinsttitutet, the Swedish Institute of Health Sciences, Lund and Gothenburg University
The effect of Alzheimer’s disease patients’ home-based exercise program using a checklist
Yeong-Ae Yang1, Min-Su Park2, Su-Min Cha3, Bo-Ra Park3, Yun-Hee Park4
1Occupational Therapy Dept., Inje University, 2Research Institute for Convergence of Biomedical Science and Technology Dept., Pusan National University Yangsan Hospital, 3Occupational Therapy Dept., Choonhae College of Health Sciences, 4Occupational Therapy Dept., Youngnam Foreign Language College

Characteristics of Older Adults Facilitating Aging-in-Place
Rebecca J. Estes
Occupational Therapy, Nova Southeastern University

"The Perfect Fit": Using the Cognitive Disabilities Model to Create Sustainable, Supportive Communities of Participation for Individuals with Changing Abilities
Catherine A. Earhart1, Linda Riska-Williams1
1Director, Allen Cognitive Group

The Influence of Early-Intervention Duration on the Performance and Participation of Low Socio-Economic At-Risk Preschool Boys
Anat Golos1, Miri Sarid2, Michal Weill2, Naomi Weintraub1
1School of OT, Hadassah and the Hebrew University, Israel, 2Western Galilee College, Acco, Israel, 3Clalit Health Fund and Siach Sod Center, Israel

Involvement of occupational therapist with children with higher brain dysfunction in school site
Hitomi Higashi1, Kayo Terada1, Yuko Tatibana1
1Ishikawa Prefectural Rehabilitation Center

A Report on the Positive Effect of Cooperation Among the Hospital, Home, and School on a Child’s Behavior: Three-party Integrated Support
Naomi Yoshida1
1Rehabilitation Fee, Kurashiki Medical centaer

Status Report of the Special Needs Education in Japan (Osaka)
Azusa Nishiguchi1, Hiroyuki Tanba5, Atsushi Kitayama3, Mari Sawada4
1TAKAI CLINIC, 2Department of Occupational Therapy Faculty of Nursing and Rehabilitation, AINO UNIVERSITY, 3Faculty of Rehabilitation, Shijnawate Gakuen University, 4Senboku high school for students with special needs, 5Osaka University of Comprehensive Children Education

日本(大阪)における特別支援教育の現状報告
西口あずさ1, 丹葉寛之5, 北山 淳4, 麻田由香3
1高井クリニック, 2薬学大学医学部 作業療法学科, 3四条畷学園大学リハビリテーション学部 児童保健学科, 4大阪府立泉北高等支援学校
INCLUSIVE EDUCATION: THE ROLE OF OCCUPATIONAL THERAPIST
Maria Protopapadaki1, Chrysa Moscholouri2, Louisa Charatsari3
1Rehabilitation of Children with Autism and Neurodevelopmental Disorders, Privet Sector, 2MA Student in Special Education, Kapodistrian University Of Athens - Greece, 3Public School, Elementary Teacher

Activity report of occupational therapist team for special needs education in Kyoto
Keiko Umetani1, Maki Daiju2, Yusuke Kusano3, Toshihiro Kato4
1Uji Takeda Hospital, 2Chiyokawa Elementary School, 3Kyoto University Hospital, 4Human Health Science, Graduate school of Medicine, Kyoto University

Changes in Users and Occupational Therapy Programs of Our Day-Care Center for Disabled Children: A Practice Report
Rumi Nakajima1
1Rehabilitation Dept, Osaka Developmental Rehabilitation Center

Relationships among respiratory pattern, spinal deformity, chest surface parameters, and motor function, in patients with severe motor and intellectual disabilities syndrome
Naoki Mori1, Hajime Kurosawa2, Tamio Keitoku1, Emiko Fukuda3
1Department of Occupational Therapy, Yamagata Prefectural University of Health Science, 2Department of Occupational and Environmental Health, Tohoku University Graduate School of Medicine, 3Adviser, Oyama Child Development Support Center

Examination of a recording paper to grasp the situation of life for 24 hours for a person with disabilities
Kanako Tateishi1
1Home

The role of school-based occupational therapists in special needs schools in the UK
Misako Sano1
1Information and Support Center for the Persons with Developmentl Disabilities, Research Institute, National Rehabilitation Center for Persons with Disabilities

Awareness of disability in children with cerebral palsy
Koaru Kobayashi1, Ryutaro Nagatani2
1Group for support, The Kanagawa Prefectural Sagamihara Chuo Special needs School, 2Faculty of Health & Social Services, Kanagawa University of Human Services

The Practice of Support Activities Using Heavy-duty packaging material in a Special Support School
Keiichi Takahashi1
1Department of Occupational Therapy, Akita University Graduate School of Health Science

The Practice of Support Activities Using Heavy-duty packaging material in a Special Support School
Keiichi Takahashi1
1Department of Occupational Therapy, Akita University Graduate School of Health Science

24 時間の生活状況を把握するための記録用紙の検討
立石加奈子1
1Home

The role of school-based occupational therapists in special needs schools in the UK
Misako Sano1
1Information and Support Center for the Persons with Developmentl Disabilities, Research Institute, National Rehabilitation Center for Persons with Disabilities

The role of school-based occupational therapists in special needs schools in the UK
Misako Sano1
1Information and Support Center for the Persons with Developmentl Disabilities, Research Institute, National Rehabilitation Center for Persons with Disabilities
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<th>Title</th>
<th>Authors</th>
<th>Institutions</th>
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<tr>
<td>PCH 18-17</td>
<td>10:00~11:00</td>
<td>Occupational Therapy Interventions Including Visual Perception Training on Children with Low Vision</td>
<td>Esra Aki1, Songul Atasavun Uysal1, Hulya Kayihan1</td>
<td>Occupational Therapy, Hacettepe University</td>
</tr>
<tr>
<td>PCH 18-19</td>
<td>10:00~11:00</td>
<td>Outcome of Occupational Therapy for Special Support Education: Research of Understanding through Visiting Schools by Occupational Therapists</td>
<td>Aya Nishioka1, Chieko Karashima1</td>
<td>Department of Physical and Occupational Therapy, Nagoya University Graduate School of Medicine</td>
</tr>
<tr>
<td>PCH 18-21</td>
<td>10:00~11:00</td>
<td>The utility of a localized handwriting screen in preschool children</td>
<td>Mian Yee Choy1, Tse Ling Mok1, Ah Keok Chua1, Mary Daniel1, Xiuzhen Chen1</td>
<td>Department of Child Development, KK Women’s and Children’s Hospital, Department of Rehabilitation, KK Women’s and Children’s Hospital</td>
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<td>PCH 18-23</td>
<td>10:00~11:00</td>
<td>Motor development in an infant with brachial plexus birth palsy: From a perspective of OT</td>
<td>Tomoko Tayama1, Takashi Saisu1</td>
<td>Chiba Prefectural Sanbu Health and Welfare Center, Chiba Children’s Hospital</td>
</tr>
<tr>
<td>PPD 18-1</td>
<td>10:00~11:00</td>
<td>Comparative estimation of energy consumption for palliative care patients wishing to undertake outside leave</td>
<td>Fumiyoshi Satomi1</td>
<td>Rehabilitation Dept, Kurashiki Central Hospital</td>
</tr>
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<td>PPD 18-2</td>
<td>14:30~15:30</td>
<td>Can neglect affect the effectiveness of Mirror Therapy for adults with Stroke?</td>
<td>Edith M. W. Ng1, Debora Ann Hebert1</td>
<td>Toronto Rehab, University Health Network, Department of Occupational Science and Occupational Therapy, University of Toronto</td>
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<td>PPD 18-3</td>
<td>10:00~11:00</td>
<td>Enforcement of the rehabilitation based on an apoplexy guideline</td>
<td>Takahiro Kitakata1</td>
<td>Rehabilitation Dept, Tokuda Neurosurgical Hospital</td>
</tr>
<tr>
<td>PPD 18-4</td>
<td>14:30~15:30</td>
<td>The effect of our full-day service system on Saturdays for the patients with motor disorder</td>
<td>Tosiyasu Kusakabe1</td>
<td>occupational therapy dept, General Foundation Ota Convresive Hospital affiliated Ota Nisinouti Hospital</td>
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<tr>
<td>PPD 18-5</td>
<td>10:00~11:00</td>
<td>Process-specific and task-specific training for improving daily living task performance in a stroke patient with executive dysfunction: Evidence from behavioral and neuroimaging techniques</td>
<td>Ada W.S. Leung1,2, Esther Kim1, Gillian Dixon1, Jennifer Yuen1, Mason Jackson1,2, Claude Alain1</td>
<td>Department of Occupational Therapy, University of Alberta, Department of Speech Pathology and Audiology, University of Alberta, Centre for Neuroscience, University of Alberta, Rotman Research Institute at Baycrest, Toronto</td>
</tr>
</tbody>
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### PPD 18-6 | 14:30～15:30
**Occupational therapy for interstitial pneumonia patients**
- Yuudai Fujimoto,
- Kazunori Takashima,
- Yukie Oku,
- Yuri Sakamoto,
- Kuni Konaka

| Department of Rehabilitation, Osaka University Hospital |

### PPD 18-7 | 10:00～11:00
**Report of survey on the use of unilateral TR myoelectric hand in Japan: Comparison between continuous user and suspended to use groups**
- Junpei Oba,
- Yaeko Shibata,
- Futoshi Mizobu,
- Haruki Nakamura,
- Hiroshi Furukawa

| Faculty of rehabilitation, Kobe Gakuen university, "Hyogo Rehabilitation Center |

### PPD 18-8 | 14:30～15:30
**Research of the outcome index improved by acute phase of occupational therapy (OT)**
- Katsushiko Ozaki

| Rehabilitation center, Omazeaki municipal hospital |

### PPD 18-9 | 10:00～11:00
**Effects of Botulinum Toxin A injections on arm and hand use in adults with acquired brain impairment on self selected tasks**
- Judy Ranka,
- Melissa Nott,
- Whitney Crippin,
- Hannah Barden,
- Ian Baguley

| Occupational Therapy, University of Sydney, "Westmead Brain Injury Service, Westmead Hospital |

### PPD 18-10 | 14:30～15:30
**The experience using COPM of occupational therapists in an acute care hospital**
- Rei Oku,
- Marie Kinugasa,
- Atsushi Koumoto,
- Hiromi Yoshikawa

| Oonoura Hospital, "Tottori Chuyuu Hospital, "Hiroshima Prefectural Hospital, "Faculty of Health and Welfare, Prefectural University of Hiroshima |

### PPD 18-11 | 10:00～11:00
**An Easy Splint for Claw Hand Deformity**
- Kedsrin Ktavutvat

| Rehabilitation Dept, Mahidol University Hospital |

### PPD 18-12 | 14:30～15:30
**Occupational and Physical therapy for people with spinal cord injuries in the acute/hospital phase: An evidence based guideline for occupational therapists on physical therapists in the treatment of patients with a spinal cord injury in the hospital**
- Ernst Evenhuis

| Rehabilitation Medicine, VU University Medical Center |

### PPD 18-13 | 10:00～11:00
**INTERVENTION WITH MODIFIED CONSTRAINT INDUCED MOVEMENT THERAPY IN OCCUPATIONAL THERAPY AND INFLUENCE ON ACTIVITIES OF DAILY LIVING**
- Miguel Gomez Martinez,
- Cristina Labrador Toribio,
- Cinthya Torregrosa Castellanos,
- Francisco Tomas Aguirre

| Facultad de Ciencias de la salud, Centro Superior de Estudios Universitarios, "Facultad de educacion y psicologia, Universidad Catolica de Valencia |

### PPD 18-14 | 14:30～15:30
**The comparison of everyday technology (ET) usage according to the severity of executive dysfunction**
- Osamu Nakata

| Department of Occupational Therapy, Kobe Co-medical College, "Graduate School of Health Sciences, Kobe University, "Department of Product Design, Kobe Design University |

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16th International Congress of the World Federation of Occupational Therapists
in collaboration with the 48th Japanese Occupational Therapy Congress and Expo
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<th>PPD 18-15</th>
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<th>The effects and the views of inpatients and hospital staff on rehabilitation for 7 days per week</th>
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<tr>
<td>Shinichiro Bishago</td>
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<td>Rehabilitation Dept, Mishuku Hospital</td>
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<tr>
<td>週7日のリハビリテーション効果と患者および職員の受け止め方</td>
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<tr>
<td>鴻 真一郎</td>
<td></td>
<td>三宿病院リハビリテーション科</td>
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<th>PPD 18-16</th>
<th>14:30～15:30</th>
<th>The effect of the treatments of the upper limb paralysis in stroke patients: A randomized controlled trial</th>
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<tr>
<td>Hiyuki Miyasaka, Chikage Hieda, Hitoshi Onishi, Yutaka Tomita, Shigeru Sonoda</td>
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<td>Fujita Memorial Nanakuri Institute, Fujita Health University, 2Fujita Health University Nanakuri sanatorium</td>
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<td>ランダム化比較対照試験による脳卒中麻痺側上肢に対する治療効果</td>
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<td>宮坂裕之, 稲田 千影, 大西 彦, 富田 眞, 島田 泰</td>
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<td>藤田保健衛生大学藤田記念七栗研究所, 2藤田保健衛生大学七栗サナトリウム</td>
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<th>PPD 18-17</th>
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<th>On the effect of CI (Constraint induced movement) therapy for hemiplegia with cerebral infarction sequela</th>
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<tr>
<td>Maki Nakamura</td>
<td></td>
<td>Occupational therapy dept, Kyoto prefectural rehabilitation hospital for the mentally and physically</td>
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<td>両肩腱板断裂を伴った慢性期片麻痺患者に対する非麻痺側の腱板修復術とCI療法</td>
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<td>京都府立心身障害者福祉センター附属リハビリテーション病院作業療法室</td>
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<th>Literature study on Purpose and Effect of Occupational Therapy in the Convalescent rehabilitation ward in Japan (2001 to 2010)</th>
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<tr>
<td>Hisayuki Nakamoto, Ryuta Shimizu, Seiichi Iwaya, Nobuo Ohshima</td>
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<td>1Rehabilitation Dept., Eisei Clinic, 2Rehabilitation Dept., Eisei Hospital, 3Tokyo Metropolitan University</td>
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<td>わが国の回復期リハビリテーションにおける作業療法の目的と効果−2001～2010年の作業療法文献より</td>
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<td>中本久之, 清水竜太, 岩谷清一, 大嶋伸雄</td>
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<th>Approach that considers the integration of sensory information to the patient which presents the unilateral spatial neglect</th>
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<tr>
<td>Keigo Takahashi</td>
<td></td>
<td>Rehabilitation Dept, Rehabilitation Amakusa Hospital</td>
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<tr>
<td>左半側空間失認を呈する症例へ感覚情報の統合を考慮したアプローチ</td>
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<tr>
<td>高橋啓吾</td>
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<th>PPD 18-20</th>
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<th>Occupation-based practice in acute care using Aid for Decision-making in Occupation Choice (ADOC) : a case report</th>
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<tbody>
<tr>
<td>Kanta Onno, Yuki Saito, Kounosuke Tomori</td>
<td></td>
<td>Division of Health and Social Work, Kanagawa University of Human Services Graduate School, 2Rehabilitation Dept., Ohta General Hospital Foundation University Ohta Atami Hospital</td>
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<th>PPD 18-21</th>
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<th>Effect of Darts-Throw Motion training with optic feedback for distal radius fracture patients</th>
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<tbody>
<tr>
<td>Ryoji Otaki, Hiroshi Sasahara, Daisuke Ishigaki, Yoshiro Kiyooshige</td>
<td></td>
<td>1Rehabilitation Dept, Yamagata saiisei Hospital</td>
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<tr>
<th>PPD 18-22</th>
<th>14:30～15:30</th>
<th>Use of the Perceive, Recall, Plan and Perform (PRPP) system of task analysis in patients with Parkinson’s disease: A study of the psychometric properties</th>
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<tbody>
<tr>
<td>Bianca J. Rouweier, Ingrid H.W.M. Sturkenboom, Anders Kottorp, Maud J.L. Graff, Esther M.J. Steultjens</td>
<td></td>
<td>HAN University of Applied Sciences, the Netherlands, 2Rehabilitation Medical Centre Groot Klimmendaal, the Netherlands, 3Radboud University Nijmegen Medical Centre, the Netherlands, 4Karolinska Institutet, Sweden</td>
</tr>
</tbody>
</table>
### PPD 18-23 10:00~11:00

A patient who underwent combination therapy of NEURO-15 and botulinum toxin type A multiple times

Hiroshi Ito¹, Masato Ikeyama², Atsushi Ishikawa², Toru Takekawa², Masahiro Abo³

¹Department of Rehabilitation, The Jikei University Kashiwa Hospital, ²Department of Rehabilitation, The Jikei University Katsushika Medical center, ³Department of Rehabilitation, The Jikei University School of Medicine

**NEURO-15 and A型ボツリヌス毒素投与の併用療法を複数回施行した1症例**

伊藤雅史, 池谷彰人, 石川篤, 竹川徹, 安保雅光

東京慈恵会医科大学附属柏病院リハビリテーション科, 東京慈恵会医科大学聴覚病院リハビリテーション科, 東京慈恵会医科大学リハビリテーション医学講座

### PPD 18-24 14:30~15:30

Occupational therapy rehabilitation within major trauma centres of America - an international perspective

Rebecca Williamson

¹Occupational Therapy Department, Nottingham University Hospitals NHS Trust

### PPD 18-25 10:00~11:00

Usefulness of Stroke Driver’s Screening Assessment in patients with subarachnoid hemorrhage to assess driving ability

Riho Nakajima¹, Etsuko Nishi¹, Tetsutarou Yahata¹, Katsuyuki Shibata¹

¹Division of Health Science, Kanazawa University Graduate School of Medical Science, ²Physical Medicine and Rehabilitation Department, Kanazawa University Hospital

くも膜下出血患者の自動車運転能力評価におけるStroke driverのscreening assessmentの有用性

中嶋理帆, 西 望子, 北條誠, 田中秀之

金沢大学医学保健学研究部門リハビリテーション科学研究領域, 金沢大学附属病院リハビリテーション部門

### PPD 18-26 14:30~15:30

Calls for help, self-body recognition, and anxiety of ALS patients at home

Hirota Nagumo¹, Masaharu Maeda², Mitsuhiro Sugawara³, Mariko Hará⁴, Toshio Kanma⁴

¹Department of Occupational Therapy, Faculty of Community Health Care, Teikyo Heisei University, ²Department of Rehabilitation, International University of Health and Welfare, Graduate School, ³Department of Occupational Therapy,Tokyo Metropolitan Neurological Hospital, ⁴Department of Occupational Therapy, Seishinkai Fujino-onsen Hospital, ⁵Department of Occupational Therapy, School of Health Sciences at Fukuoka, International University of Health and Welfare

ALS在宅療養者の依頼要求と自己身体感, 性格傾向, 不安度の検討

吉野浩之, 西 望子, 吉野光晴, 原 麻理子, 神間俊男

東京都地域医療センター作業療法学科, 日本医療福祉大学 東京慈恵会医科大学作業療法学科

### PPD 18-27 10:00~11:00

The Utility of Visual Analogue Scale in Pain on Stroke Rehabilitation

Hsiao-Ju Cheng¹, Yu-Fen Huang¹, Meng-Ta Lee², Ching-Yi Wu¹, Keh-Chung Lin¹

¹School of Occupational Therapy, College of Medicine, National Taiwan University, ²Department of Occupational Therapy and Graduate Institute of Behavioral Sciences, College of Medicine, Chang Gung University, ³Division of Occupational Therapy, Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital

視覚的等級尺度(VAS)が神経疾患患者における疼痛測定の有用性であるか

中野芳晴, 黒野李子, 田村亮, 小林庸

東京都立神経病院リハビリテーション部, 清和会 ふじの温泉病院リハビリテーション科, 南雲浩隆

東京慈恵会医科大学リハビリテーション医学分野, 国際医療福祉大学 東京慈恵会医科大学作業療法学科

### PPD 18-28 14:30~15:30

Survey on OT intervention for the assistive devices and home modification among persons with amyotrophic lateral sclerosis

Ayumi Otera¹, Yujiro Tanaka¹, Akihito Shibuya², Tomotaka Ueda³, Yoko Kobaayashi⁴

¹Rehabilitation Dept., Kitasato University East Hospital, ²Tokyo Association of Occupational Therapists, ³Rehabilitation Dept., Nishinippon Gaiko National Hospital, ⁴Faculty of Rehabilitation Sciences, Nishikyuushu University

オールトクラフト介助具や住宅用具の必要性についてのクオリティ調査

我妻美里, 田中野真, 石田貴子, 徳永浩之, 竹川 篤

いふじの温泉病院リハビリテーション科, 福井赤十字病院リハビリテーション科, 福井赤十字病院リハビリテーション科, 福井赤十字病院リハビリテーション科

### PPD 18-29 10:00~11:00

The case that the improvement of the walk was seen in combination of botulinum toxin therapy and a leg corrective brace

Eiji Yoneda¹, Takano Hida¹, Hisashi Yonedaya¹, Kenji Oku², Toshio Matsushita³

¹Department of Rehabilitation, Fukui Red Cross hospital, ²Care-Unit Co, ³Oku Artificial Limb Manufacture Co, ⁴Med.corp.Life-Clinic Harusaka

ボツリヌス治療と下肢矯正具の併用により歩行の改善がみられた症例

善永英二, 坂本寛, 岩田雄, 小林光, 藤本浩, 松下利雄

東京慈恵会医科大学附属柏病院リハビリテーション科, 日本整形外科医学会, 医療法人ライフクリニック はるさか
Practice of induction of the skin to the brain vascular disease patients
Masaru Narikawa
Rehabilitation room, Tokuda Neurosurgical Hospital

A case of congenital muscular dystrophy (Fukuyama type) advised to discontinue a meaningful activity that lead to a turning point toward a new life
Yukie Tabata, Akira Yoshida, Toshihide Harada, Fumiko Ishizaki
Faculty of Health and Welfare, Prefectural University of Hiroshima

Effects of Robot-Assisted Therapy Combined with Constraint-Induced Therapy on Motor and Functional Outcomes in Poststroke Patients: A Randomized Controlled Study
Yu-wei Hsieh, Keh-Chung Lin, Ching-Yi Wu
Department of Occupational Therapy and Graduate Institute of Behavioral Sciences, Chang Gung University, School of Occupational Therapy, National Taiwan University

An experience of sub-acute phase occupational therapy in patient with Anti N-methyl-D-aspartate receptor encephalitis
Tomoaki Urabe, Masayuki Uchi, Yoko Asai, Yoko Iizuka, Ikuko Okuni
Rehabilitation department, Toho University Omori medical Center

Musculoskeletal Symptoms (MSS) among paper based office workers of a printing press in Bangladesh
Md. Monjurul Habib, Sanjida Yesmin, Moniruzzaman Moniruzzaman
Department of Occupational Therapy, Bangladesh Health Professions Institute (BHPI), Department of Community Medicine, Bangladesh University of Health Sciences (BUHS)

Analysis of relationship between FIM and Discharge to Home from Recovery Rehabilitation Hospital comparing with family structure
Naoki Iwase
Department of Rehabilitation, Utsunomiya Rehabilitation Hospital

Occupational Therapy intervention in a rare disorder: Aggressive Fibromatosis. A case report.
Suppicich Fernanda Maria, Ciampa Agostina, Vivanco Ana Ines, Camino de la Llosa Julieta
Occupational Therapy Department, INECO (Institute of Cognitive Neurology), Occupational Therapy Unit, Favaloro Foundation Institute of Neuroscience

The Effectiveness of the Wrist Widget on Pain, Grip Strength, and Manual Dexterity in Patients with Triangular Fibrocartilage Complex Injury
Gloria Brown
Occupational Therapy, University of Texas, El Paso

Using arm matching position and motion test to measure kinesthetic accuracy in young adults
Yi-hui Wu, Kuan-yi Li
Department of Rehabilitation, Taoyuan Chang Gung Memorial Hospital, Graduate Institute of Clinical Behavioral Science and Department of Occupational Therapy, Chang Gung University
Elderly／老年期障害

PEL 18-1 10：00～11：00
The relationship between bone density and walking speed of the healthy elderly people
Mihoko Noda1, Tomomi Harata1, Shuhei Koeda1, Yuki Koike1
1Division of Health Sciences, Hirosaki University Graduate School of Health Sciences

Information used for Decision-making for Introduction of Home Visit Rehabilitation Services
Akemi Yamamoto1, Shinya Uehara2, Noryuki Hashimoto2, Takaaki Yazaki2, Hiromi Nakamura-Thomas1
1Tokyo-Kita Social Insurance Hospital, 2Saitama Prefectural University

Cases for Acquisition of Movement for Home-Bathing: Long-term Care Initiatives
Yusuke Kai1, Mayumi Nagata1, Tsutomu Mori1, Takatomi Sato1
1IkeInDay Service Centre Raku

An approach for one woman who overcame her delirium while palliative care: Awareness of her desire to use the bathroom
Harumi Kimura1, Yuki Yamada1, Asami Nakamura1
1Rehabilitation Dept., Huehuki-Chuo Hospital

An Exploratory Study of the Relationship Between Functional and Cognitive Decline in Older Patients: Identifying the Most Vulnerable Activities in Daily Life
Sophie Vermeersch1, Ellen Gorus1, Elise Cornelis1,2, Patricia De Vriendt1,3
1Gerontology and Frailty in Ageing research group, Vrije Universiteit Brussel, 2Geriatric Department, UZ Brussel, 3Occupational Therapy Department, University College Artevelde

Effectiveness of the management tool for daily life performance in Day-Service center
Mayu Hasé1, Hidenaga Ikoma2
1School of Health Sciences at Fukuoka, International University of Health and Welfare, 2Itikiki Inadomi Day-service center

What is Quality of Life for elderly people?: a literature review
Mihyu Isikawa1, Shun Takehara2
1Tsuokua City Yutagawa Onsen Rehabilitation Hospital, 2Yamagata Prefectural University of Health Sciences

Understanding resilience: Developing a self-report tool for older people
Jacqueline Whitehead1, Kirsty Forsyth1, Linda Irvine2, Caroline Clark1,2, Katie McWilliam1
1Firefly Research, Queen Margaret University Edinburgh, 2NHS Lothian, 3The City of Edinburgh Council
第16回世界作業療法士連盟大会・第48回日本作業療法学会

PEL 18-10 14:30～15:30

検診についての施設などの在室レジュメンとリハビリテーション関連職種の配置に関する検討

田村孝司

専門学校 須美郡作業療法学科

PEL 18-12 14:30～15:30

A practice report of the occupational therapist who tackled for the purpose of the leisure fullness in a medical-treatment ward

Shuhiro Ozawa

The Department Of Occupational Therapy, Oomiya kyouritu Hospital

『療養病床における患者様の休暇充実を目的に取り組んだ OT の実践報告』

PEL 18-13 10:00～11:00

Comparison of relationships between HRQOL, Aging, Occupational participation among different type of homebound elderly

Yu Ishibashi1, Takashi Yamada2, Norikazu Kobayashi3, Mime Hashimoto1, Kirsty Forsyth1

Div. of Occupational therapy, Faculty of Health Sciences, Tokyo Metropolitan University, 2Graduate School of Rehabilitation Sciences, Meijiro University, 3Div. of Occupational therapy and arts therapy, Faculty of Health Sciences, Queen Margaret University

PEL 18-14 14:30～15:30

Family bond reaffirmed at life's end

Atsushi Kohmoto1, Hiroyuki Inoue2, Shinichi Hotta2, Masahiro Ogawa3, Hiromi Yoshikawa4

Rehabilitation Dept., Hiroshima Prefectural Hospital, 2Faculty of Health and Welfare, Prefectural University of Hiroshima, 3Rehabilitation Dept., IWS Itabashi rehabilitation hospital

人生最後の家族の親

河本航史1, 井上優幸2, 石田真是3, 小川真寛4, 吉川ひろみ5

県立広島病院リハビリテーション科, 3県立広島大学保健福祉学科, 4イムス板橋リハビリテーション病院リハビリテーション科

PEL 18-15 10:00～11:00

Perspective of music as occupational therapy to community-dwelling elderly

Ryuji Suzuki1, Shun Takehara1

Department of rehabilitation, Southern TOHOKU General Hospital, 1Yamagata Prefectural University of Health Sciences

地域高齢者に対する音楽についての作業療法学的視点

鈴木良雄1, 竹原敦1

社會医療法人会総合両東北病院リハビリテーション科, 1山形県立保健医療大学

PEL 18-16 14:30～15:30

Relationship between storage symptoms and the incidence of falls and fall-related fractures in a community-based setting

Rika Imanishi, Kayomi Matsumoto, Miyuki Ishihara, Tomonori Nomura, Shouzoh Ueki

Department of Occupational Therapy, Niigata University of Health and Welfare, 2Department of Physical Therapy, Niigata University of Health and Welfare, 3Department of Nursing, Niigata University of Health and Welfare, 4Faculty of Medical Science and Welfare, Tohoku Bunka Gakuen University

地域在住者における蓄積症状と転倒・転倒骨折の関連

今里菜, 松本有香2, 石原美由1, 伊能友紀1, 稲木章3

新潟医療福祉大学医療技術部, 2作業療法学科, 3新潟医療福祉大学医療技術学部 理学療法学部, 4新潟医療福祉大学保健科学部 医療学科, 5東北文化学園大学医療福祉学部 保健福祉学科

PEL 18-17 10:00～11:00

The significance that an occupational therapist is concerned with an elderly person in acute medical care

Natsumi Iwakami1

Rehabilitation Dept., Memorial SEICHIKAI Hospital

急性期病床の中でも高齢者に対して作業療法士がつかめることの意義

小澤秀一郎1

学園大学医療福祉学部 保健福祉学科

PEL 18-18 14:30～15:30

Dancing with Parkinson's Disease: A Case Study

Gregory Wintz, Lynda LeBlanc

Department of Occupational Therapy, Eastern Washington University, 2Parkinson’s Resource Center of Spokane
**PEL 18-19** 10:00~11:00

Occupational therapy using the occupational narrative summary sheet enhances understanding between patients in palliative care and their families

Akira Shinoda¹, Seigo Minami²,³, Ryuji Kobayashi³
¹rehabilitation Dept, Otowa Hospital, ²Occupational Therapy Dept, Kansai Gakkен Medical and Welfare College, ³Graduate School of Health Science, KIBI International University

Relationship between Cognitive en Functional Decline in Older Adults: Cognitive correlates of advanced activities of daily living in Mild Cognitive Impairment

Ellen Gorus¹, Paula Redmond¹, Patricia De Vriendt¹,³
¹Dep Gerontology/Frailty in Ageing Research Group, Vrije Universiteit Brussel, ²Dep Geriatrics, Universitair Ziekenhuis Brussel, ³Dep Occupational Therapy, University College Artevelde

Factors associated with home recovery in elderly patients with proximal femoral fracture

Junko Okajima¹, Hideaki Hanaoka¹, Kenzato Oka¹, Ryoichi Nakamura¹
¹Rehabilitation Dept, Shimura Hospital, ²Hiroshima University

Practice based on the CPFF in recovery rehabilitation: Enabling occupation towards the hospitalization of a special nursing home life

Shuhei Kobiyama¹,², Kenji Yabuwa³
¹Department of Rehabilitation, Akishima Hospital, ²(Distance Learning) Graduate School of Health Science Studies, Kibi International University Graduate School, ³School of Health Science and Social, Kibi International University

Functional disability management strategy for reducing socially withdrawn behavior in long-term care health facility: a report of two cases

Ryosuke Tsunoyama¹, Yoshitaka Ouchi¹, Nanae Abe¹, Junichi Nitsuma¹
¹Department of Rehabilitation, Long-Term Care Health Facility Natori

Changes to relationships, environments, and occupations for elderly persons with dementia following decrease physical mobility

Mari Sakaue¹, Ryoko Michinobu²
¹School of Health Sciences, Sapporo Medical University, ²Center for Medical Education, Sapporo Medical University

Re-acquired KIZUNA with the family to reduce BPDS: A user of Alzheimer's disease at the sever dementia day care

Hajime Morishima¹, Takashi Yamada²
¹Medical Unit Rehabilitation Dept, Shimofusa Psychiatric Medical Center, ²Rehabilitation Science Reserch Dept, Meijiro University Graduate School

家族との「絆」を取り戻しBPDS減少につながったアルツハイマー型認知症利用者の一例

森井 信¹, 山田 孝²
¹下総精神医療センター診療部, ²リハビリテーション科, ³目白大学大学院リハビリテーション学研究科
PEL 18-27 10:00～11:00
Study of activities to increase the amount of activity of elderly facility users
Sayaka Sawada
Kosaka day service

PEL 18-28 10:00～11:00
Predicting outcomes of the ADL to distinguish quasi-in-need-of-care state in a geriatric health services facility
Sumihisa Kumagai, Haruka Tominaga, Satomi Tarasawa, Yasuhiro Shimizu
Rehabilitation Center, Kizankai Memorial Hospital

PEL 18-30 14:30～15:30
Factors involved in comfortably maintaining a continuous sitting position in a wheelchair
Akira Masuo, Hideki Shimizu
Limited company RK tekkuk home nursing station, 1The department of rehabilitation, kaname hospital, 2Graduate School of Health Sciences, Nagoya University

PEL 18-32 14:30～15:30
The Effect of Cognition and Depression Symptoms on Daily Living Activities and Life Satisfaction in Elderly
Orkun Tahir Aran, Burcu Frat, Cigdem Oksuz, Tuzun Frat, Gonca Bumin
1Faculty of Health Sciences, Occupational Therapy Department, Hacettepe University, 2Necla Kızıla Nursing Home, 3Faculty of Health Sciences, Physical Therapy and Rehabilitation Department, Hacettepe University

Community & Partcipation／地域・参加

PCP 18-1 10:00～11:00
The IBARAKI Stroke Follow up Study : Issues and Intervention of Community Based Occupational Therapy (CBOT)
Shunji Sawa, Megumi Suzuki, Masayuki Yamada, Naoki Sakano, Hitosi Ota
1Specialty of Occupational Therapy, Department of Rehabilitation, School of Health Sciences, Fujita Health University, 2Department of Occupational Therapy, School of Health Sciences, Kinjo University, 3Ibaraki Prefectural Healthy Plaza

PCP 18-2 14:30～15:30
Attempting to promote preventive care in elderly residents in Yonago, Tottori : A seven-year activity report
Yoshihumi Ogura, Yuichi Takanashi
1The Society of Longevity Department, Yonago City Office, 2Occupational Therapist Department, YMCA College of Medical and Human Services in Yonago

PCP 18-3 10:00～11:00
Effectiveness of community-based intervention for people with dementia: A Systematic Review
Kana Maehara, Tomoko Kamimura, Risa Takayama
1Graduate School of Medicine, Shinshu university
PCP 18-4 14:30～15:30
An experience where collaboration between occupational therapists and informal organizations worked well in social participation of a post-discharge ambulatory hemiparetic patient
Mitsuos Ishiyama1, Mitsuyo Hasegawa2
1Senri Tsukumodi Home-visit Nursing Station, 2Active Listening in Suita HOHOEMI

PCP 18-5 10:00～11:00
Case study: Occupation-focused home-based occupational therapy for the elderly person with dementia and the caregiver
Seiji Nishida1, Mika Baba2, Masayuki Takagi1, Kenji Kamijo1, Satoshi Kondo1
1Faculty of Health and Welfare, Prefectural University of Hiroshima, 2i-ki-i Inatomi Home-visit Nursing Station, 3Graduate School of Health and Welfare Science, Nishikyushu University

PCP 18-6 14:30～15:30
Relationship between mandatory retirement and the activities of post-retirement: Using the Modified Grounded Theory Approach
Takashi Kawatsu1, Takashi Yamada2,3
1Division of Occupational Therapy, Kansaigakken Medical Welfare College, 2Graduate School of Rehabilitation Science, Mejiro University, 3Professor Emeritus, Tokyo Metropolitan University

PCP 18-7 10:00～11:00
The effectiveness of a family support intervention program for caregivers of persons with dementia in daycare
Kenji Kamijo
Rehabilitation Dept., Nishikyushu University

PCP 18-8 14:30～15:30
Support for elderly Japanese people who have problems using everyday technology at home
Kazue Noda1, Rumi Tanemura1, Toru Nagao1, Osamu Nakata1, Jiro Sagara2
1Graduate School of Health Sciences, Kobe University, 2Kobe design University

PCP 18-9 10:00～11:00
Development of Capacity Through Community Partnerships to Promote the Health of Older Adults in Nicaragua
Amber Black1, Tiffany Boggis2
1Brookside Center Mental Health, Kaiser Permanente, 2School of Occupational Therapy, Pacific University

PCP 18-10 10:00～11:00
Experience of home-based occupational therapy for an elderly person with dementia and apathy: A Case who could engage with meaningful occupations
Mika Baba1, Seiji Nishida2, Masayuki Takagi1, Kenji Kamijo1, Satoshi Kondo3
1~3i-ki-i Inatomi home visit nursing station, 4Prefectural University of Hiroshima, 5Nishikyushu University

PCP 18-11 10:00～11:00
Community-Based Men's Sheds: An Occupational Focus to Health Promotion
Reenie Cordier1, Nathan Wilson2
1Faculty of Medicine Health and Molecular Sciences, James Cook University, 2Faculty of Health Sciences, The University of Sydney
### PCP 18-13 10:00~11:00

**A literature review on intervention method targeting family caregivers of the elderly: Analyzed by the qualitative synthesis method (KJ method)**

Kenichi Ono, Keiko Tsutya, Yuri Kanayama, Kenji Yabuwaiki

Department of Rehabilitation, Faculty of Health Science, Kawasaki University of Medical Welfare, Graduate School of Health Science Studies, Kibi International University Graduate School, School of Health Science and Social, Kibi International University

High-risk family caregivers as a target of the intervention can be investigated using the qualitative synthesis method (KJ method) to learn more about the care-giving process.

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### PCP 18-14 14:30~15:30

**The current status and issues of providing occupations in a day service for elderly people at an old house**

Yuki Nishiyama, Seiji Nishida, Masayuki Takagi, Katsuya Azuma, Megumi Miyoshi

day service center, Shinmachi no Ie, Department of occupational therapy, Prefectural University of Hiroshima

Current status and issues of providing occupations in a day service for elderly people at an old house.

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### PCP 18-15 10:00~11:00

**The practice and effects of music activities on preventive care for elderly living at home**

Masako Asano, Shiko Sugihara

School of Rehabilitation Sciences, Health Sciences University of Hokkaido, Institute of Natural and Environmental Sciences, University of Hyogo

The practice and effects of music activities on preventive care for elderly living at home.

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### PCP 18-16 14:30~15:30

**Relationship between daily living activities and fall risk in the local community**

Tomohiro Kubota, Yu Takata, Junko Miyamoto, Yoshitugu Nohara, Fusako Kagitani

AHRU Medical and Welfare Professional Training College, Nursing care insurance section, Ibaraki Namekata, community general support center, Ibaraki Namekata, Graduate School of University of Human Arts and Sciences

Relationship between daily living activities and fall risk in the local community.

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### PCP 18-17 10:00~11:00

**Social participation in the program with dementia day care: Care support melon**

Kenichi Todoroki, Shinichi Motoda

Department of Occupational Therapy, Teikyo University Faculty of Fukuoka Medical Technology, President and Chief Executive Officer, Ltd. Shinpakuto

Social participation in the program with dementia day care: Care support melon.

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### PCP 18-19 10:00~11:00

**Relation between the time initiating the action and autonomy of day care service clients**

Miki Tsudumi, Megumi Izuta, Shigeki Kurasawa, Taishi Tsudumi, Hiroyuki Matsu

Faculty of Allied Health Science, Department of Rehabilitation Sciences, Division of Occupational Therapy, Kansai University of Welfare Sciences, Care Stage Miminashi, Long-Term Care Facility

Relation between the time initiating the action and autonomy of day care service clients.

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### PCP 18-20 10:00~11:00

**Community mobility in older men and women - a cross-sectional and 13 years prospective perspective**

Sofi Fristedt, Anna K. Dahl, Anders Wretstrand, Anita Bjorklund, Torbjorn Falkmer

Department of Rehabilitation, School of Health Sciences, Jonkoping University, Sweden, Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden, Faculty of Engineering, Lund university, Sweden, School of Occupational Therapy and Social Work, Curtin University, Perth, Australia

Community mobility in older men and women - a cross-sectional and 13 years prospective perspective.

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### PCP 18-21 10:00~11:00

**Treatment goals and goal attainment in day care rehabilitation for elderly persons**

Anita Tollen, Marie Lidskog, Ann-Britt Ivarsson

Orebro University, Sweden

Treatment goals and goal attainment in day care rehabilitation for elderly persons.

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<tr>
<td>Treatment goals and goal attainment in day care rehabilitation for elderly persons</td>
<td>Anita Tollen, Marie Lidskog, Ann-Britt Ivarsson</td>
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<tr>
<td>PCP 18-23</td>
<td>10:00~11:00</td>
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<tr>
<td>Towards a common understanding? How do occupational therapists and nursing staff in community based services experience and assist elderly people in mastering their everyday life?</td>
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<tr>
<td>Monica Lunde¹, Ruth-Ellen Slaatsvæen¹, Linda Stigen²</td>
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<tr>
<td>¹Rehabilitation, Ski municipality, ²Centre for geriatric care, Oslo municipality</td>
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<tr>
<th>PCP 18-26</th>
<th>14:30~15:30</th>
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<tr>
<td>Active Gardening: Intergenerational Exploration of Healthy Gardening Strategies for Elderly Allotment Tenants</td>
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<tr>
<td>Sandra Schiller¹, Linda Blenk¹, Stefanie Frei¹, Karina Isenbeck¹, Raika Thies¹</td>
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<tr>
<td>¹Faculty of Social Work and Health, HAWK University of Applied Sciences and Arts Hildesheim</td>
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<tr>
<th>PCP 18-27</th>
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<tbody>
<tr>
<td>Preventive Effect of Lectures on Health Management on Health Action in Community-Dwelling Elderly Participants</td>
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</tr>
<tr>
<td>Kazushi Hotta¹, Yoshiaki Muraki¹, Ikue Sanada¹, Naruki Kitano¹, Tomohiro Okura¹</td>
<td></td>
</tr>
<tr>
<td>¹Department of Occupational Therapy, Ibaraki Prefectural University of Health Sciences, ²Doctoral Program of Physical Education, Health and Sport Sciences, Graduate School of University, ³Faculty of Health and Sport Sciences, University of Tsukuba</td>
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<tr>
<th>PCP 18-28</th>
<th>14:30~15:30</th>
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<tbody>
<tr>
<td>The effect of individual support on elderly who need preventive care</td>
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<tr>
<td>Tomo Takahashi¹</td>
<td></td>
</tr>
<tr>
<td>¹Department of Occupational Therapy, AHRU Medical Care and Welfare Professional Training College</td>
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<th>PCP 18-29</th>
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<tr>
<td>Tasks of rehabilitation therapists in Geriatric Health Service Facilities: Focus on a questionnaire survey to therapists and other health care professionals</td>
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<tr>
<td>Motoko Watanabe¹, Toshiaki Muraki¹</td>
<td></td>
</tr>
<tr>
<td>¹Rehabilitation Dept., Geriatric Health Services Facility YUYU, ²Doctoral program, Graduate School of Ibaraki Prefectural University of Health Sciences, ³Department of Occupational Therapy, Ibaraki Prefectural University of Health Sciences</td>
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<th>PCP 18-30</th>
<th>14:30~15:30</th>
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<tr>
<td>The role of occupational therapists in the community: Through the life support consultation counter by occupational therapists in Saga care practice extension center</td>
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<tr>
<td>Takashi Kumagai¹, Makoto Kuratomi¹</td>
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<tr>
<td>¹Department of Occupational Therapy, Technical School Medical and Welfare Ryokuseikan</td>
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<th>PCP 18-31</th>
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<tr>
<td>The Development of a 15-Item Lifestyle Screening Tool for Community-Dwelling Older Adults</td>
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<tr>
<td>Eric Jengliang Hwang¹</td>
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<tr>
<td>¹Occupational Therapy, California State University, Dominguez Hills</td>
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<th>PCP 18-32</th>
<th>14:30~15:30</th>
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<tr>
<td>Question to rating disability system with brain lesions in Korea</td>
<td></td>
</tr>
<tr>
<td>Moon Jungin¹</td>
<td></td>
</tr>
<tr>
<td>¹Rehabilitation Dept., Pusan National University of Yangsan Hospital</td>
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<th>PCP 18-33</th>
<th>10:00~11:00</th>
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<tr>
<td>How can structured training in activities of daily living and everyday coping, increase cooperation between occupational therapists and community based homecare staff?</td>
<td></td>
</tr>
<tr>
<td>Kristin Skrede¹, Brita Cecilie Aaslie-Fjell¹, Lieda Stigen²</td>
<td></td>
</tr>
<tr>
<td>¹Rehabilitation, Oslo municipality, St. Hanshaugen district, ²Centre for geriatric care, Oslo Municipality</td>
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</tbody>
</table>
The impact of environmental improvement on the lives of patients with reduced physical functions: Experiences from the residential design of new constructions

Eiji Nakamura1, Keita Shiraishi1
1Rehabilitation Dept., Inan Home-visit Nurse Station

PCP 18-35 10:00~11:00
Interventions to support the continuation of meaningful occupation in old age through preventive care volunteer training courses

Kenji Koiči1, Shiko Sekino2
1Department of Occupational Therapy, Nagano Rehabilitation College, 2Community General Support Center, Senior Citizens’ Welfare Division, Sazuka City Hall

PCP 18-38 10:00~11:00
Usefulness of an occupational therapy in treating a day service the woman was able to cook independently

Tooru Mikumo1, Takatomi Sato1
1Raku Day Service Center, Lifely Corp

An Analytical study of Performance Goal of Recreation Activity of Elderly Outpatients

Megumi Izuta1, Miki Tsudumi1, Taishi Tsudumi2, Hiroyuki Matsumo3, Tarou Ohtoshi1
1Faculty of Allied Health Science, Department of Rehabilitation Science, Division of Occupational therapy, Kansai University of Welfare Sciences, 2Care Stage Miminashi, Long-Term Care Facility

The Management for Independence of Life Behavior practice in the health center for the elderly

Shun Kosaka1
1Rehabilitation Dept., Gunma University of Health and Welfare

Potential of visiting occupational therapy focusing on tasks for homebound elderly

Hitoshi Numata1, Waka Murata1
1Chitose Housyakai Hospital, 2Faculty of Health Sciences, Hokkaido University

SUPPORTING WORK ABILITY BY EARLY INTERVENTION ACTIONS IN ORGANIZATION: GATEWAY TO OCCUPATIONAL JUSTICE?

Essi Xiong1, Arja Veijola2, Petri Vuorijärvi2
1Department of Physical Medicine and Rehabilitation, Oulu University Hospital, 2Oulu University of Applied Sciences, 3Northern Finland Centre Of Excellence On Social Welfare
PCP 18-44 14:30～15:30
The Significance of “Place and Role” in the Social Participation of the Elderly
Yoko Asano1, Tsubasa Shoji2, Kyosuke Ohshima2, Shun Yun2, Waka Murata1
1School of Rehabilitation Sciences, Health Sciences University of Hokkaido, 2Graduate School of Health Science, Hokkaido University, 3Faculty of Health Sciences, Hokkaido University

PCP 18-45 10:00～11:00
Basic study on the usefulness of short stick exercises in elderly individuals
Shigeki Kurasawa1, Katsushi Yokoi1, Yoshiteru Akezaki1, Kohei Mori1, Nobuyuki Miyai2
1Faculty of Allied Health Sciences, Kansai University of Welfare Sciences, 2School of Health and Nursing Science, Wakayama Medical University

PCP 18-46 14:30～15:30
Household Structure of Home-Visit Rehabilitation Clients
Kenji Hanada1
1Rehabilitation Center, Yokohamasintoshi Neurosurgical Hospital

PCP 18-47 10:00～11:00
The role of occupational therapists in a community-based team care system for elderly dementia patients and their caregivers
Aki Nojiri1
1Rehabilitation Dept., Tokyo Fureai Medical Cooperative Society Kajiwara Clinic

PCP 18-48 14:30～15:30
Effectiveness of Offering Puzzle Activities to Day Care Service Users: Starting and Continuing Voluntary Behavior
Miki Tsudumi1, Taishi Tsudumi1, Megumi Izuta1, Masaki Nishii2, Hiroyuki Matsuo2
1Faculty of Allied Health Science, Department of Rehabilitation Science, Division of Occupational Therapy, Kansai University of Welfare Sciences, 2Care Stage Miminashi, Long-Term Care Facility

PCP 18-49 10:00～11:00
Motor and psychosocial tendencies in elderly women receiving primary preventive services
Aiko Imai1, Tokunori Takeda1, Daisuke Kimura1, Tomoko Ohura1
1Faculty of Care and Rehabilitation, Seijoh University

PCP 18-50 14:30～15:30
Building community from the inside out: A study of collective engagement and dementia
Nancy Rushford1
1Alzheimer Society of the Niagara Region, Canada

PCP 18-51 10:00～11:00
Lifespace, a measure of community participation using GPS data from smartphones: Application with people with Parkinson’s disease
Jacki Liddle1, David Ireland1, Simon McBride1, Helen Chenery1, Team CSIRO-UQ1,2,3
1Asia-Pacific Centre for Neuromodulation, UQ Centre for Clinical Research, University of Queensland, 2School of Health and Rehabilitation Sciences, University of Queensland, 3Australian E-Health Research Centre, ICT Centre,CSIRO
### Mental Health／精神障害

<table>
<thead>
<tr>
<th>PMH 18-1</th>
<th>10:00～11:00</th>
<th>&quot;How is your Internal Weather?&quot; : A group work practice used an art therapy method “Our Internal Weather” in a psychiatric hospital</th>
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</thead>
<tbody>
<tr>
<td>Sachina Komikado¹, Junko Ide¹, Yasuhioko Ishizaka¹</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Rehabilitation Dept., Oouchi Hospital, ¹Nursing Dept., Oouchi Hospital |

[ここはどんなお天気？]：グループのウォーミングアップにおける「ここのは天気」描画法の精神科病院での実践

<table>
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<tr>
<th>PMH 18-2</th>
<th>14:30～15:30</th>
<th>Personality formation support for person with mild intellectual disability in occupational therapy using hobby activity : a case report</th>
</tr>
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<tbody>
<tr>
<td>Kenji Hiramoto¹, Takeshi Kamishima¹</td>
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</tbody>
</table>
Department of Occupational Therapy, Osaka Kawasaki Rehabilitation University |

軽度知的障がい者へのパーソナリティ形成支援 - 趣味活動を用いた作業療法介人を通じて

平本憲二、上島健¹ |
大阪労災リハビリテーション大学リハビリテーション学部作業療法学専攻 |

<table>
<thead>
<tr>
<th>PMH 18-4</th>
<th>14:30～15:30</th>
<th>Re-profiling occupational therapists practice, to deliver a core aspect of community mental health care, that is occupationally-focussed</th>
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</thead>
<tbody>
<tr>
<td>Joanne Inman¹, Katrina Bannigan¹</td>
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</tbody>
</table>
Research Centre for Occupation and Mental Health (RCOMH), York St John University, York, United Kingdom, ¹Occupational Therapy, Adult Mental Health, Lancashire Care NHS Foundation Trust, United Kingdom |

作業療法士のリプロファイリング - 社会の精神保健の核心の要素を担うため |

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<tr>
<th>PMH 18-5</th>
<th>10:00～11:00</th>
<th>Raising awareness of the importance of employment for clients who have a serious mental illness : a description of an innovative approach to enabling clinicians in an area mental health service : Getting employment back on the agenda</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joanne Robertson¹, Natasha Tudor¹</td>
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Inner West Area Mental Health Service, Melbourne Health, ¹North West Area Mental Health Service, Melbourne Health |

### PMH 18-6 | 14:30～15:30 | Assistive Technology in prison |
<table>
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<tbody>
<tr>
<td>Elisabeth Lagerkrans¹, Monica Ryden¹</td>
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Utvecklingsavdelningen, Hjalpmedsinstitutet |

### PMH 18-7 | 10:00～11:00 | Examination of the usefulness of ADOC in the interview to the patients having hallucinations and delusions |
<table>
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<tbody>
<tr>
<td>Tsukasa Tsuneda¹, Mariko Kikuchi¹, Kengo Kouno¹, Kanako Tateishi¹, Seigo Koura¹</td>
<td></td>
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</tr>
</tbody>
</table>
¹Division of Occupational Therapy, Medical Corporation Jiaikai Mukai Hospital, ¹Department of Occupation Therapy, Faculty of Health Sciences, Kyushu University of Health and Welfare |

幻覚、妄想を有する者の面接におけるADOCの有用性の検討

<table>
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<tr>
<th>PMH 18-8</th>
<th>14:30～15:30</th>
<th>Changes in the cognitive load on the prefrontal lobe function according to the nature of clay drawing tasks : searching for neuroscientific evidence for optimal intervention in the sub-acute stage of psychotic disorders</th>
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<tbody>
<tr>
<td>Sumie Yamada¹, Tomoka Matono¹, Yasuhioko Matui¹, Hiroshi Yamane¹, Motomi Toichi¹</td>
<td></td>
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</tr>
</tbody>
</table>
¹Human Health Science Graduate School of Medicine, Kyoto University, ¹Human Health Science, Faculty of Medicine, Kyoto University, ¹Seishinkai Okehazama Hospital Fujita Kokoro Care Center |

創造的課題における前頭葉皮質の認知的負荷 - 妄想症精神疾患患者に対する適切な作業活動の神経科学的な根拠として

<table>
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<tr>
<th>PMH 18-9</th>
<th>10:00～11:00</th>
<th>A walking activity using a token system in a long-term psychiatric care ward</th>
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<tbody>
<tr>
<td>Miwa Nakashima¹, Seiji Nishida¹, Fumika Oshita¹, Kazuhiro Kobayashi¹, Naomi Nishisako¹</td>
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<td></td>
</tr>
</tbody>
</table>
¹Department of Occupational Therapy, Mihara Hospital, ¹Department of Occupational Therapy, Prefectural University of Hiroshima |

精神科療養病棟におけるトークンを用いたウォーキング活動

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<tr>
<th>PMH 18-10</th>
<th>10:00～11:00</th>
<th>A walking activity using a token system in a long-term psychiatric care ward</th>
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<tbody>
<tr>
<td>Miwa Nakashima¹, Seiji Nishida¹, Fumika Oshita¹, Kazuhiro Kobayashi¹, Naomi Nishisako¹</td>
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¹Department of Occupational Therapy, Mihara Hospital, ¹Department of Occupational Therapy, Prefectural University of Hiroshima |

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<tr>
<th>PMH 18-11</th>
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<th>A walking activity using a token system in a long-term psychiatric care ward</th>
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<tr>
<td>Miwa Nakashima¹, Seiji Nishida¹, Fumika Oshita¹, Kazuhiro Kobayashi¹, Naomi Nishisako¹</td>
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</table>
¹Department of Occupational Therapy, Mihara Hospital, ¹Department of Occupational Therapy, Prefectural University of Hiroshima |
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<th>Time</th>
<th>Title</th>
<th>Speakers</th>
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<tr>
<td>PMH 18-10</td>
<td>14:30〜15:30</td>
<td>Palliative care by occupational therapy: Relaxation approach by Rehabilitation Engineering Design (R.E.D.)</td>
<td>Masataka Aoki¹</td>
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<td>Department of rehabilitation, Takeguchi hospital</td>
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<td>¹作業療法による緩和療養—Rehabilitation Engineering Design (R.E.D)リハビリテーションと工学技術設計によるリラクゼーションアプローチ</td>
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<td></td>
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<td>医療法人社団竹口病院リハビリテーション科</td>
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<td>PMH 18-11</td>
<td>10:00〜11:00</td>
<td>Participatory Action Research for Promoting Life Skills Training Program in Drug Abuse Prevention of Students in Technical and Vocational College in Thailand</td>
<td>Supat Chupradit², Anteena Aziz³</td>
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<td></td>
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<td>²Faculty of Humanities and Social Sciences, Chiang Mai Rajabhat University, ³Consortium DIPECHO VI, National Alliance of Risk Reduction and Response Initiative (NARRI)</td>
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<td>PMH 18-12</td>
<td>14:30〜15:30</td>
<td>Brief executive function assessment tool for psychiatric occupational therapy: a preliminary report</td>
<td>Kouji Shimada¹, Ayaka Take¹, Yuuko Asano¹, Kiyotaka Nemoto¹, Hachirou Ikeda¹</td>
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<td>¹Keda hospital, ¹Long-term care health facility, Ryoutuen, ¹Department of Psychiatry, Faculty of Medicine, University of Tsukuba</td>
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<td>精神科作業療法における作業遂行機能のアセスメントツールの検討—作業療法処方時に役立つ情報を得るために 第一報</td>
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<td>¹島田徹, ¹武 彰, ¹浅野有子, ¹根本清貴, ¹池田八幡</td>
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<td></td>
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<td>¹池田八幡, ¹介護老人保健施設 дв児苑, ¹筑波大学医学部精神医学</td>
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<td>PMH 18-13</td>
<td>10:00〜11:00</td>
<td>Relationship among pragmatic function, ToM function and judgment of abnormal social behavior in patient with schizophrenia</td>
<td>Keita Fukuhara¹, Yasuhiro Ogawa¹, Goro Nishio¹, Hiroyuki Tanaka¹, Takashi Nishikawa¹</td>
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<td>¹Psychiatric day care, Mikiwakai Orange Hospital, ¹Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, ¹Psychiatric day care, Sawa Hospital, ¹Work Box Daito, ¹Rehabilitation fee, Imai Hospital</td>
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<td>統合失調症患者における語用機能、の心理的と社会的異常行動に対する判断の関連について</td>
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<td></td>
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<td>¹堀江正太, ¹小川泰弘, ¹西尾五郎, ¹田中聡之, ¹西川 隆</td>
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<td></td>
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<td>¹医療法人美和会美和会オレンジホスピタリディケア, ¹大阪府立大学大学院総合リハビリテーション学研究科, ¹医療法人北斗会さわ病院ディケアセンター, ¹社会福祉法人ふらっぷワーキングボックス大東, ¹医療法人晴風会今井病院リハビリテーション科</td>
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<td>PMH 18-14</td>
<td>14:30〜15:30</td>
<td>Tsuru-Kame Meeting: The practice of rehabilitation utilizing Japanese culture</td>
<td>Tamaki Mitamura¹, Mariko Yamada¹, Yuka Masuda¹</td>
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<td>¹Rehabilitation Dept., Moriymasou Hospital</td>
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<td>つるかめ会—日本文化をとり入れたリハビリテーションの実践</td>
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<td>¹三田村頼, ¹山田まり, ¹益田裕加</td>
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<td>¹三田村頼, ¹山田まり, ¹益田裕加</td>
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<td>PMH 18-15</td>
<td>10:00〜11:00</td>
<td>Autism and Mental Health: Enabling Social Participation: Minimizing the Impact of Social/Emotional disability through Engagement in Client-Centered Occupational Therapy Groups</td>
<td>Marilyn B. Cole¹, Anne Golensky⁵</td>
</tr>
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<td>¹Occupational Therapy Department, Quinnipiac University, ¹IDEA for Autism, Bridgeport, CT</td>
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<td>PMH 18-16</td>
<td>14:30〜15:30</td>
<td>Implementation of a Relaxation Program Using Mindfulness and Clinical Dohsa-Hou</td>
<td>Mitsuru Uogishi¹</td>
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<td>¹Community Life Support Dep. Occupational Therapy Sec., Yokohama Maikoa Hospital</td>
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<td>マインドフルネスと臨床動作法を用いたリラクゼーションプログラムの実践</td>
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<td>魚宿実法</td>
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<td>横浜職厚病院地域生活支援部 作業療法室</td>
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<td>PMH 18-17</td>
<td>10:00〜11:00</td>
<td>The Effect of cognitive remediation therapy in patients with schizophrenia: Changes in neurocognitive function tests and the Event-Related Potential</td>
<td>Takao Inoue¹, Chie Kato¹, Yusuke Shimizu¹, Atsuhito Toyomaki¹, Naoki Hashimoto¹</td>
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<td></td>
<td></td>
<td></td>
<td>¹Rehabilitation Dept., Hokkaido University Hospital, ¹Graduate School of Health Sciences, Hokkaido University, ¹Department of Psychiatry, Hokkaido University Graduate School of Medicine</td>
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<td>統合失調症患者に対する認知機能の改善効果—神経認知機能検査と事象関連電位の変化から</td>
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<td></td>
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<td>¹上野雅, ¹瑞田五, ¹清水裕樹, ¹重村啓人, ¹横本雄樹</td>
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<td>¹北海道大学病院リハビリテーション室, ¹北海道大学大学院保健科学部, ¹北海道大学大学院医学研究科神経病態学講座精神医学分野</td>
</tr>
</tbody>
</table>
**PMH 18-19  10:00～11:00**

**Occupational therapy for patients after suicide attempts: Report on the practice and future problems**

Yuko Tomiyama1, Tetsuya Yoshida1, Ryooi Nishimura1

1Department of Psychiatry, Faculty of Medicine, Fukuoka University

自殺企図を果たした患者に対する作業療法を経験して—実践報告と今後の課題

富山優子1，吉田哲也1，西村良二

福岡大学医学部精神医学教室

**PMH 18-20  14:30～15:30**

**The introduction of the management tool for daily life performance improves the quality of life of elderly nursing home residents: a case study**

Yasutaka Mizukami1, Kojiro Torii2, Norihiko Seki2, Seiichiro Shimada1

1Rehabilitation Dept., Fukui University Hospital, 2Sunflower nursing home

自殺企図直後の患者に対する作業療法を経験して−実践報告と今後の課題

富山優子1，吉田哲也1，西村良二

福岡大学医学部精神医学教室

**PMH 18-21  10:00～11:00**

**Content of Evaluation by Rework Daycare for Workers on Sick Leave with Depression and Its Results/ Future Prospects**

Satoshi Kondo1

1Faculty of Health Sciences, Meijo University

うつ病休職者を対象としたリワークデイケアによる評価内容とその効果・今後の展望について

近藤智1

目白大学保健医療学部

**PMH 18-22  14:30～15:30**

**Social relations in everyday activities among patients with persistent mental illness at a psychiatric centre**

Lena Augusta Ulfseth1, Staffan Josephsson2, Sissel Alsaker3

1Department of Occupational Therapy, Sor-Trondelag University College, Faculty of Health science, 2Department of Occupational Therapy, Karolinska Institutet, Faculty of Neurobiology, Caring Sciences and Society, 3Division of Mental Health, Sor-Trondelag University College, Faculty of Nursing

精神科における感覚調整室の取り組み

山野典弓1，石塚裕大1，村田琢磨2

国立精神・神経医療研究所病院リハビリテーション部，1国立精神・神経医療研究所病院看護部

**PMH 18-23  10:00～11:00**

**Practice of Sensory Modulation Room in Psychiatry**

Mayumi Yamano1, Hirodai Ishizuka1, Takuma Murata2

1Rehabilitation Dept., National Center of Neurology and Psychiatry, 2Nursing Dept., National Center of Neurology and Psychiatry

箱づくり法（MA-BOT）でみられた作業療法学生の作業遂行の特性

一ノ本隆次1，小林理子1，上杉文彦1，早川昭2，富岡昭子3

晴陵リハビリテーション学院作業療法学科，1名古屋医療生診療所，1信州大学名誉教授

**PMH 18-24  14:30～15:30**

**The influence of psychological theories on occupation-based practices in mental health: A socio-ecological analysis**

Samantha Ashby1, Carole Ryan1, Carole James1

1School of Health Sciences, Faculty of Health, University of Newcastle

教育/教育
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<td>PED 18-4</td>
<td>14:30~15:30</td>
<td>Measuring Communication Skills among Occupational Therapy Students using the Assessment of Communication and Interaction Skills (ACIS)</td>
<td>Hiromi Nakamura-Thomas¹, Tore Bonsaksen², Makoto Kyogoku³</td>
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<td>PED 18-5</td>
<td>10:00~11:00</td>
<td>The meaning of Playback Theatre for occupational therapy students</td>
<td>Aki Komori¹, Hiromi Yoshikawa², Hiroko Osaifu³, Kayo Munakata¹</td>
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<td>PED 18-6</td>
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<td>Occupational science as a foundation for occupational therapy education: Case example from the United States</td>
<td>Rebecca Aldrich¹, Lenin Grajo¹, Kathleen Serfas¹</td>
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<td>PED 18-7</td>
<td>10:00~11:00</td>
<td>The models courthouse: Innovated method to teach the Occupation Based Models²</td>
<td>Noga Ziv¹,², Michal Avrech Bar¹</td>
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<td>PED 18-8</td>
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<td>Factors related to the Attitude toward Persons with Disabilities in the Occupational Therapy Student</td>
<td>A Rim Song¹, Chae Young Kim¹, Yeo Jin Lee¹, Seung Hee Park¹</td>
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<td>PED 18-9</td>
<td>10:00~11:00</td>
<td>Relationship between Identity and Perspectives on Life and Death among the Middle- and Old-Aged: Comparison by Gender</td>
<td>Keiko Tsuchiya¹, Yuri Kanayama¹, Kenichi Ono¹</td>
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<td>PED 18-10</td>
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<td>Attempt of Team-Based Learning on kinesiology</td>
<td>Yasufumi Sakakibara¹</td>
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<td>PED 18-11</td>
<td>10:00~11:00</td>
<td>Creating a diverse future: supporting health and human service students with disabilities</td>
<td>Tal Jarus¹, Michael Lee¹, Heather Frost¹, Earlene Roberts², Ruth Warick¹</td>
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<td>PED 18-12</td>
<td>14:30~15:30</td>
<td>Assessing the Development of Published Psychometric Evidence Over Time: A Systematic Review Using the COncensus-based Standards for the Selection of Health Measurement Instruments (COSMIN)</td>
<td>Sarah Austin¹, Hon Yuen¹</td>
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</table>
Influence of a structured clinical competence lesson on observation practice

Ayu Hayashi1, Kentarou Motooka1, Tatsuhiro Hayashi1, Atsushi Kishimura1

1Department of Occupational Therapy, Osaka College of Medical and Welfare

Qualitative research of critical self-awareness through practical placement by the Nominal Group Technique

Reiko Miyamoto1, Dido Green2, Hironori Kawamata3, Jenny Butler2, Peter Bontje1

1Tokyo Metropolitan University, 2Oxford Brookes University, 3Naraha-Tokwaen

Improving Occupational Therapy students' attitudes towards people with disabilities: the importance of first hand experience

Orit Lahav1, Noomi Katz1, Shira Yalon-Chamovitz2

1Occupational Therapy, Ono Academic College

Translating falls prevention for adults with intellectual disability: strategies and opportunities

Claire Ballinger1, Lindy Clemson2

1Research Design Service South Central, Faculty of Medicine, University of Southampton, 2Ageing, Work and Health Research Unit, Faculty of Health Sciences, University of Sydney

Items considered important among occupational therapy students when using therapeutic activities: knowledge acquired through practicum experiences

Makoto Otaki1, Hiroyuki Kajita1, Aya Nakajima1, Toshimichi Nakamae1, Takako Morikawa1

1Faculty of Rehabilitation, Kobegakuin University

Effectiveness of using problem-based learning on enhancing the implicit memory and clinical competence

Chia-Hui Hung1, Chen-Yung Lin1, Shih-Chen Fan2, Shih-Min Huang3

1Graduate Institute of Science Education, National Taiwan Normal University, 2Department of Occupational Therapy, I-Shou University, 3Department of Rehabilitation, Sijih Cathay General Hospital

Re-visioning practice through action research

Kirk Reed1, Clare Hocking1

1Department of Occupational Science and Therapy, Auckland University of Technology

Grasps for handwriting in university students: different types and their relationship with fine manual dexterity test

Mariana Sime2, Iraçema S. Ferrigno3, Luis Alberto Magna3

2Occupational Therapy Department, Federal University of Sao Carlos - UFSCar, 3Integrated Education in Health Department, Federal University of Espirito Santo - UFES, 5Faculty of Medical Sciences, University of Campinas - UNICAMP

The effects of back ground music on intellectual tasks: worded music versus instrumental only

Masashi Sato1, Mio Ogawa1, Mariko Nakamura1, Mitsuo Nakamura1

1Rehabilitation department, Hokkaido medical service for workers association, 2Graduate school of health sciences, Sapporo medical university
### PED 18-24 14:30～15:30
*Effects of the practice in Long-Term Care Health Facility on the communication skills of the occupational therapy students*

Aya Kano

1Department of Occupational Therapy, Kobe Co-medical College

**Effects of the practice in Long-Term Care Health Facility on the communication skills of the occupational therapy students**

嘉納 綾

1神戸総合医療専門学校作業療法士科

### PED 18-25 10:00～11:00
*The Impact of Occupational Health Facilitation Course on Teachers’ Burnout*

Jer-Hao Chang

1,2

1Dept. of Occupational Therapy, National Cheng Kung University
2Institute of Allied Health Sciences, National Cheng Kung University

**The Impact of Occupational Health Facilitation Course on Teachers’ Burnout**

### PED 18-26 14:30～15:30
*The Creation of a Risk Management Manual for Cooking Activities with Photographic Examples of Incidents*

Yuko Yamada

1Miho Endou

1Yukou Hayakawa

1Department of Rehabilitation, Yokohama Stroke and Brain Center

**The Creation of a Risk Management Manual for Cooking Activities with Photographic Examples of Incidents**

山田 裕子

1前野 豊

1遠藤 美帆

1横浜市立脳血管医療センターリハビリテーション部

### PED 18-27 10:00～11:00
*Relationship between the GPA and National Examination Results*

Hiroyuki Endou

1Hiromu Ono

2Hidenori Yamada

2Takeshi Muraoka

3Shunji Sawa

1Faculty of Health Sciences, Hamamatsu University
2Faculty of Health Sciences, Tokoha University
3Department of Rehabilitation, School of Health Sciences, Fujita Health University

**Relationship between the GPA and National Examination Results**

遠藤 浩之

1小野 弘

2山田英徳

2村岡 健史

3澤 俊二

1浜松大学保健医療学部
2常葉大学保健医療学部
3藤田保健衛生大学リハビリテーション学部

### PED 18-28 14:30～15:30
*Sexology in the Occupational Therapy Program evaluation of learning methods*

Erika Andersson

1Jane Holstein

1Department of Social and Welfare Studies, Linkoping University, Sweden

**Sexology in the Occupational Therapy Program evaluation of learning methods**

安德森 エリカ

1Holstein ジェーン

1スウェーデンリキンポング大学保健福祉学部

### PED 18-29 10:00～11:00
*The relationship between egogram and academic performance of students at a rehabilitation college*

Akizumi Cho

1Occupational Dept., Kurume Rehabilitation Institute

**The relationship between egogram and academic performance of students at a rehabilitation college**

長 彰純

1久留米リハビリテーション学院作業療法学科

### PED 18-30 14:30～15:30
*SUPERVISORS’ CONSIDERATIONS FOR THE STUDENTS’ SKILLS OUTSIDE TRAINING*

Akira Fujioka

1Kenji Yabuwaki

1Kenichi Ono

1Naoko Yokoyama

1General Hospital Tamano Municipal Tamano City Hospital
2School of Health Science and Social Welfare, Kibi International University
3Faculty of Health Science and Technology, Kawasaki University of Medical Welfare

**SUPERVISORS’ CONSIDERATIONS FOR THE STUDENTS’ SKILLS OUTSIDE TRAINING**

藤岡 晃

1籔脇健司

1小野 健一

1横山 奈央子

1総合病院玉野市立玉野市民病院
2吉備国際大学保健医療福祉学部
3川崎医療福祉大学医療技術学部

### PED 18-31 10:00～11:00
*INSTRUMENTAL ACTIVITIES OF DAILY LIVING PROFILE OF UNIVERSITY STUDENTS*

Sinem Salar

1Orkun Tahir Aran

2Cigdem Oksuz

2Burcu Semin Akel

2Hulya Kayhan

1Faculty of Health Sciences, Occupational Therapy Department, Hacettepe University
2Faculty of Health Sciences, Physical Therapy and Rehabilitation Department, Hacettepe University

**INSTRUMENTAL ACTIVITIES OF DAILY LIVING PROFILE OF UNIVERSITY STUDENTS**

サラ シネム

1アラ オルクン

1オクズ シグデム

2アケル ブルック

2カフマン ヒューリャ

1ハッセテペ大学作業療法士部
2ハッセテペ大学物理療法士部

### PED 18-32 14:30～15:30
*The relationship between egogram and academic performance of students at a rehabilitation college*

Akizumi Cho

1Occupational Dept., Kurume Rehabilitation Institute

**The relationship between egogram and academic performance of students at a rehabilitation college**

長 彰純

1久留米リハビリテーション学院作業療法学科
Evaluation of development program using small group learning for final-year students: Survey on student’s acquisition of Fundamental Competencies for Working Persons by METI

Hiroyuki Shimizu, Fumiyasu Ishii, Takehiko Yamanaka, Shuji Kijima, Yasuhisa Nakamura
Faculty of Health Science Department of Rehabilitation Occupational Therapy Course, Nihon Fukushi University

Evaluation of social interaction skills for OT students: Using the ESI

Mika Nagayoshi, Masayuki Takagi, Reiko Nishimura, Yoko Yamanishi, Hiromi Yoshikawa
Faculty of Health and Welfare, Prefectural University of Hiroshima

Efficacy of Kiken yochi training (KYT) method in medical safety education for rehabilitation therapists

Michiko Sugaya, Koji Iwase, Makoto Someya, Shinya Hayashi
Department of rehabilitation medicine, Asahi General Hospital

Experiences of occupational therapists and students in using the Assessment of Communication and Interaction Skills in mental health settings in Norway

Brian Ellingham, Cecilia Celo, Ingunn Myraunet, Kjell Emil Grana, Tore Bonsaksen
Faculty of Health Sciences, Department of Occupational Therapy, Prosthetics and Orthotics, Oslo, Norway, Oslo and Akershus University College, 2Division of Mental Health and Addiction, Oslo, Norway, Oslo University Hospital, 3Department of Psychiatry, Oslo, Norway, Diakonhjemmet Hospital

Compassion fatigue: the ever present risk to the health of occupational therapists and other health professionals: A five discipline inter-professional qualitative study of health care providers

Sharon E. Brintnell, Wendy Austin, Erika Gobel, Linda Kreitzer, Denise Larsen
Department of Occupational Therapy, University of Alberta, 2Faculty of Nursing, University of Alberta, 3Faculty of Nursing, University of Alberta, 4Department of Educational Psychology, University of Alberta, 5School of Social Work, University of Calgary

Learning from Student Training Experience in the Clinical Practice of Occupational Therapy: Cooperation between Three Parties, Feeling of Growth, and Self-Efficacy

Tatsuya Sera, Kiyohito Kato, Hiroko Ishida, Akifumi Komura, Takako Momiyama
Department of Occupational Therapy, Heisei College of Medical Technology

Retain and motivate male students in occupational therapy education

Tania Hansen, Lone Bech
Occupational Therapy Education, Campus Nastved, University College Zealand

RELATION BETWEEN HEALTH RELATED QUALITY OF LIFE AND SLEEP QUALITY IN THE UNIVERSITY STUDENTS: A PILOT STUDY

Gamze Ekici, Onur Altuntas, Esra Aki, Mahmut Yaran, Ayla Gunaş
Department of Ergotherapy, Hacettepe University, 2Department of Ergotherapy, Hacettepe University, 3Department of Ergotherapy, Hacettepe University, 4Havza Vocational School, Department of Physiotherapy, On Dokuz Mays University, 5Department of Physical Therapy and Rehabilitation, Suleyman Demirel University
### PED 18-42 14:30～15:30

**Fundamental Competencies for Working Persons and social skill training: Trends in the provision of SST-based programs and work experience training**

Hiroko Ohkawa

1. Department of Occupational Therapy, School of Human Science, Hokkaido Bunkyo University

社会人基礎力とソーシャルスキルトレーニング−SSTを基盤としたプログラム提供と見学実習における傾向

大川浩子

北海道文教大大学人間科学部作業療法学科

### PED 18-43 10:00～11:00

**The relationship between attitudes toward death and personal identity in university students**

Yuri Kanayama, Keiko Tsuchiya, Kenichi Ono

1. Rehabilitation Dept, Kawasaki University of Medical Welfare

社会人基礎力とソーシャルスキルトレーニング−SSTを基盤としたプログラム提供と見学実習における傾向

大川浩子

北海道文教大大学人間科学部作業療法学科

### PED 18-44 14:30～15:30

**Correlation between students’ Resilience and communication skills in occupational therapy practice**

Rikio Yamagata, Hideo Sakurai, Hitomi Mamabe

1. Occupational Therapy, Health Care Science, Himeji Dokkyo University, 2. Graduate School of Kansai University of Welfare Sciences

作業療法実習における学生のレジリエンスとコミュニケーション能力の関係

山形力生, 櫻井秀雄, 眞々部仁美

電機福祉大学医療保健学科作業療法学科, 関西福祉科学大学大学院

### PED 18-45 10:00～11:00

**Relationship between a physical therapist and an occupational therapist state examination and OSCE**

Mami Itoh, Mihoko Ito, Naoki Itoh, Hiroaki Sakurai, Yoshikiyo Kanada

1. Faculty of Rehabilitation, School of Health Sciences, Fujita Health University, 2. Department of Rehabilitation, National Center for Geriatrics and Gerontology

理学療法士・作業療法士国家試験とOSCEの関係について

伊藤真美, 伊藤美保子, 伊藤直樹, 櫻井宏, 金田嘉清

藤田保健衛生大学医療科学部リハビリテーション学科, 国立長寿医療研究センター機能回復診療部

### PED 18-46 14:30～15:30

**Outcomes and participant experience of on-line training for Bangladeshi health professionals**

Lisa O'Brien, Lisa Broom, Mohammad Mosayed Ullah

1. Occupational Therapy, Monash University, 2. Occupational Therapy, The Alfred, 3. Occupational Therapy, Bangladesh Health Professionals Institute

オンライントレーニングの参加者の経験と結果

O'Brien Lisa, Broom Lisa, Mosayed Ullah Mohammad

モンash大学作業療法学科, アルフレッド大学作業療法学科, バングラデシュ健康専門職人学会

### PRE 18-1 10:00～11:00

**Social cognitive dysfunction in Fregoli syndrome with right hemisphere damage**

Yasuo Kakegawa, Osamu Isono, Takashi Nishikawa

1. Department of Rehabilitation, Kyoto Min-iren Daini, chuou hospital, 2. Department of Neurology, Kyoto Min-iren Daini, chuou hospital, 3. Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University

右半球障害によるフレゴリの錯覚の社会認知機能障害

掛川泰朗, 磯野理, 西川隆

京都民医連第二中央病院リハビリテーション部, 京都民医連第二中央病院神経内科, 大阪府立大学大学院総合リハビリテーション学研究科

### PRE 18-2 14:30～15:30

**A case of chronic-phase stroke patient whose paralytic upper- extremity use frequency and ability were improved by the combined use of low frequency rTMS and task-oriented training**

Masanori Maeda, Satoshi Katala

1. Kakeyu hospital Kakeyu-Misayama rehabilitation center

慢性期脳卒中の患者におけるリハビリテーションの課題指向型訓練と低強度rTMSの組合せ効果

前田正憲, 甲府聡

鹿教湯三才山リハビリテーションセンター鹿教湯病院
Excitability of spinal anterior horn cells innervating to the thumb’s opponent muscle is increased when the hand is held in a functional position

Takahiro Takenaka1, Takashi Hirota2, Yuji Nakazumi2

1Department of Occupational Therapy, Graduate School of Health Science Studies, Kibi International University, 2Rehabilitation Dept, Osaka City General Hospital, 3Department of Occupational Therapy, Kibi International University

Is the method which gives a target position quantitatively to a patient effective in training of chopsticks operation by a non-dominant hand?

Yuichi Hirakawa1, Hidefumi Kamitani1, Keiko Kanaya2, Narumi Izumita2, Mika Sato2

1Hiroasaki University Graduate School of Health Sciences, 2Hiroasaki Stroke And Rehabilitation Center, 3Iwate Prefectural Nanko Hospital, 4Hiroasaki Memorial Hospital

Inter-rater reliability of the Westmead Home Safety Assessment in elderly Japanese people

Aya Hasegawa1, Tomoko Kamimura2, Satoshi Tamaki1, Yuka Suzuki1, Momoko Watanabe1

1Rehabilitation Dept., Kamiiida Daiichi General Hospital, 2Graduate School of Medicine, Shinshu University, 3Kamiida Rehabilitation Hospital

Sex differences of behavioral ability in mental rotation tasks of hand pictures

Hideki Mochizuki1, Kotaro Takeda2, Nobuaki Shimoda1

1Department of Occupational Therapy, Kyorin University, 2Clinical Research Center, National Hospital Organization Murayama Medical Center

Movement of the transverse arch of the dominant hand while holding daily goods

Hideki Shirai1, Kazushi Hotta1, Yoshihiko Fujita1, Toshiaki Muraki1

1Occupational Therapy Dept., Ibaraki Prefectural University of Health Sciences
### PRE 18-10  14:30～15:30

A Study of Tasks with Chopsticks Manipulation from the Perspective of Microslips: Relevance to Laterality and Changes in Postural Reaction  
**Masato Sato**<sup>1,2</sup>, Miwa Matsumoto<sup>3</sup>  
<sup>1</sup>Occupational Therapy Room, Fuji Onsen Hospital, <sup>2</sup>Graduate School of Health Science, Kyushu University of Health and Welfare, <sup>3</sup>Department of Rehabilitation, Ibaraki Prefectural University of Health Science  

### PRE 18-12  14:30～15:30

Manual Dexterity Predicted Motor and Functional Outcomes After Robot-Assisted Stroke Rehabilitation  
**Pai-Chuan Huang**<sup>1</sup>, Ching-Yi Wu<sup>1</sup>, Yu-Wei Hsieh<sup>1</sup>, Keh-Chung Lin<sup>1</sup>  
<sup>1</sup>Department of Occupational Therapy and Graduate Institute of Behavioral Sciences, College of Medicine, Chang Gung University, Taoyuan, Taiwan, <sup>2</sup>School of Occupational Therapy, College of Medicine, National Taiwan University, Taipei, Taiwan, <sup>3</sup>Division of Occupational Therapy, Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital, Taipei, Taiwan  

### PRE 18-13  10:00～11:00

A Study of Hierarchical Factor Structure of Stroke Patients with Cognitive Dysfunction in Japan  
**Yao-Ko Iwasaki**<sup>1,2</sup>, Ken Goryo<sup>2</sup>, Toshiaki Muraki<sup>3</sup>  
<sup>1</sup>Department of Occupational Therapy, Ibaraki Prefectural University of Health Sciences, <sup>2</sup>Graduate School of Human Development and Education, Kyoto Women’s University  

### PRE 18-14  14:30～15:30

Characteristics of Attentional Function in Patients with Work-related Upper Extremity Injury  
**Rikiya Shirato**<sup>1</sup>, Masami Kato<sup>2</sup>, Takako Chikenji<sup>2</sup>, Hisaaki Ota<sup>1</sup>, Surnio Ishii<sup>1</sup>  
<sup>1</sup>Div. of Rehabilitation, Sapporo Medical University Hospital, <sup>2</sup>Dept. of Rehabilitation, Sapporo Medical University School of Health Sciences, <sup>3</sup>Dept. of Rehabilitation, Sapporo Medical University School of Medicine  

### PRE 18-16  14:30～15:30

Development of a Scale Assessing Health Status in Relation to Occupation among Elderly People Requiring Long-term Care  
**Norifumi Nishida**<sup>1</sup>  
<sup>1</sup>Department of Occupational therapy, Nihon Institute of Medical Science  

### PRE 18-17  10:00～11:00

The reliability and validity for measurements of shoulder muscle strength using the hand-held dynamometer (HHD) without belt-stabilization  
**Chihiro Kanaya**<sup>1</sup>, Hideki Shiraishi<sup>2</sup>  
<sup>1</sup>Rehabilitation Dept., Tsukuba Gakuen Hospital, <sup>2</sup>Occupational Therapy Dept., Ibaraki Prefectural University of Health Sciences  

### PRE 18-18  14:30～15:30

The effects of meaningful finger tapping movement on excitability of the contralateral spinal anterior horn cell  
**Takuya Matsumoto**<sup>1</sup>, Hikari Kimimoto<sup>1</sup>, Shota Yoshida<sup>1</sup>, Makoto Suzuki<sup>1</sup>, Minoe Oyama<sup>1</sup>  
<sup>1</sup>Institute for Human Movement and Medical Sciences, Niigata University of Health and Welfare  

### PRE 18-19  10:00～11:00

Development of ADL assessment list (OGAAL) for qualitative analysis  
**Yuko Yamada**<sup>1</sup>, Nobukazu Sato<sup>1</sup>, Ayako Horotaka<sup>1</sup>, Megumi Hosial<sup>1</sup>, Fusae Tozato<sup>2</sup>  
<sup>1</sup>Department of rehabilitation, Ogino Hospital, <sup>2</sup>Graduate School of Health Sciences, Gunma University  

**ADL 評価表 (OGAAL) の作成 - 質的分析の評価**  
**山田裕子**<sup>1</sup>, 佐藤和子<sup>1</sup>, 奥田真矢<sup>1</sup>, 岩崎栄子<sup>2</sup>, 外澤でうみ<sup>2</sup>, 合野宮依佳子<sup>2</sup>  
<sup>1</sup>小野病院リハビリテーション科, <sup>2</sup>群馬大学大学院保健学研究科
PRE 18-20 14:30～15:30
Effective Training Method for Exchanging Dominant Hand of Chopstick Manipulation: From perspectives of cerebral blood flow kinetics, difficulty level and performance
Tetsuya Sano, Tamako Miyamae
Rehabilitation Dept., Hamamatsu University School of Medicine, Department Operational Behavior Development Study of Rehabilitation Scientific Inquiry, Seirei Christopher University

PRE 18-21 10:00～11:00
Evidence of Effectiveness for Clients Regaining Dressing Independence
Kathryn Reed
School of Occupational Therapy, Texas Woman’s University

PRE 18-23 10:00～11:00
The effect of the seat cushion during upper limb task
Takeshi Kodama, Yuji Nakamura, Sonomi Nakajima, Kenichi Kamoshita, Yusuhito Sengoku
Saitama Nishi Otaru Hospital, Midori-no-Sato, Department of Health Sciences, Sapporo Medical University, School of Health Sciences, Sapporo Medical University, Shizuoka Children’s Hospital

PRE 18-24 14:30～15:30
The validity of a new subjective assessment scale for poststroke upper limb hemiparesis, The Jikei assessment scale for motor impairment in daily living: The third report
Atsushi Ishikawa, Masato Kegaya, Hiroshi Ito, Jyunichi Nishimura, Masahiro Abo
Department of Rehabilitation, The Jikei University Katsushika Medical Center, Department of Rehabilitation, The Jikei University Katsushika Hospital, Department of Rehabilitation, The Shimizu Hospital, Department of Rehabilitation, The Jikei University School of Medicine

PRE 18-25 10:00～11:00
The effect that the motor imagery including the nonverbal communication gives to the corticospinal excitability: Examination using the motor evoked potential by the transcranial magnetic stimulation
Masashi Kohno, Yukie Tanigashira, Miho Hiramoto, Yoshitaka Kakehara, Takanori Tomina
Rehabilitation Dept, Suisyou-kai Murata Hospital

PRE 18-26 14:30～15:30
Development of a new dynamic splint for metacarpophalangeal joint extension contractures using a curved pneumatic artificial muscle
Jun Nakayama, Mitsuru Horiki, Kazunori Ogawa, Hisao Oka, Kazuhisa Domen
Rehabilitation Dept., Kansai Rosai Hospital, Orthopedics Surgery, Kansai Rosai Hospital, Daiya Gum Industry CO., Graduate School of Health Science., Okayama university, Physical Medicine and Rehabilitation, Hyogo College of Medicine

PRE 18-27 10:00～11:00
Usefulness of Proprioceptive Neuromuscular Facilitation Technique in Occupational Therapy
Takashi Hirota, Hiroko Hirota, Takahiro Takenaka, Yuji Nakazumi
Rehabilitation Dept, Osaka City General Hospital, Rehabilitation Dept, Murakami Memorial Hospital Asah University, Department of Occupational Therapy, Kibi International University

June 18 (Wed) Poster Session
**PRE 18-28** 14:30～15:30

**Kinetic and Biodynamic Changes in the Lumbar Sacral Region and the Lower Limb Joints due to Walking with High-heeled Shoes**

Yuri Shirai1, Yuri Sugama2, Nobuyuki Masumori1, Toshimitsu Hayashi1, Keiichiro Saito1

1 Department of Rehabilitation, TOKYO CORPORATION Tokyo Hospital, 2 Department of Rehabilitation, Yokohama shi midori General Hospital, 3 School of Rehabilitation Sciences, Bunkyo Gakuin University

**ème**

**PRE 18-29** 10:00～11:00

**The impact of age, gender, and handedness on performance of the Moberg pick-up test in healthy Japanese adults**

Ryou Tokuchi1,2, Yuji Watanabe1, Yukio Higashin1,3

1 Department of Occupational Therapy, Okayama Institute for the Medical and Technical Science, 2 Department of Neurology, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, 3 Division of Rehabilitation, Okayama Memorial Hospital

**ème**

**PRE 18-30** 14:30～15:30

**Development of an observational checklist for the evaluation of behaviors associated with higher brain dysfunction**

Naoko Uehara1, Takashi Hayashi2

1 Department of Occupational Therapy, Okayama Institute for the Medical and Technical Science, 2 Graduate School of Health Sciences, Bunkyo Gakuin University

**ème**

**PRE 18-31** 10:00～11:00

**Scientific Reproducibility where positioning approach using low resilient mattress for sitting training : Positioning approach by Rehabilitation Engineering Design (R.E.D.)**

Masataka Aoki1

1 Department of rehabilitation, Takeguchi hospital

**ème**

**PRE 18-32** 14:30～15:30

**Relationships between hardness of clay and FRT at kneading activity: Research on elder people at the health promotion class**

Takeshi Kamishima1, Hiroshi Ando2, Kenji Hiramoto3

1 Department of Occupational Therapy, Osaka Kawasaki Rehabilitation University, 2 Graduate School of Health Sciences, Kobe University

**ème**

**PRE 18-33** 10:00～11:00

**Validity of a Newly Developed Assessment Test for Ideomotor Apraxia : A Simple Assessment Test for the Ideomotor Apraxia (SATIA)**

Yuki Sato1, Mai Yamada1, Kenta Kawai1, Misako Yokota1, Mitsuhiro Tsujihata1

1 Rehabilitation Dept., Nagasaki Kita Hospital, 2 Neurology, Nagasaki Kita Hospital

**ème**

**PRE 18-34** 14:30～15:30

**The mirror neuron system is more active while observing a slow video clip**

Takefumi Moriuchi1, Naoki Iso2, Akira Sagar2, Kakuya Oghahara1, Toshio Higashi3

1 Health Sciences, Nagasaki University Graduate School of Biomedical Sciences, 2 Miharadai Hospital, 3 The Japanese Red Cross Nagasaki Genbaku Hospital, 4 Faculty of Health and Social Sciences, Kanagawa University of Human Services, 5 Medical and Dental Sciences, Nagasaki University Graduate School of Biomedical Sciences

**ème**
# The rehabilitation programme and functional outcomes of persons with lower limb amputations at a primary level rehabilitation centre

Jerome Peter Fredericks¹

¹Occupational Therapy Division, University of Stellenbosch

# A review on the use of external cues as a treatment strategy in Parkinson’s disease

Xin Wang², Karen F.Y. Liu¹

¹University of Western Sydney, ²The Hong Kong Polytechnic University

# Study of the effect of task-specific training on the use of hand paralysis in real life

Masatoshi Gocho¹, Kunji Shirahama¹

¹Rehabilitation Dept, Kawasaki Rinko General Hospital, ²School of Rehabilitation, Kanagawa University of Human Services

# Effect of Change in Sitting Position on Forward Reach Distance and Standing Balance after Standing：Simulation of a Cerebral Infarction Pseudohemiplegic Posture in Healthy Subjects

Jun-ichi Watanabe¹, Maki Shiraishi¹, Hideki Tauchi¹, Shigeru Kogami¹

¹Rehabilitation Dept., Ehime Prefectural Central Hospital

# Development of a Simple Assessment Test for Evaluating Ideomotor Apraxia (SATIA)

Mai Yamada¹, Yuki Sato¹, Toshiro Higashi¹, Akira Satoh¹, Mitsuhiro Tsujihata¹

¹Rehabilitation Dept., Nagasaki Kita Hospital, ²Neurology, Nagasaki Kita Hospital, ³Unit of Rehabilitation Sciences, Nagasaki University Graduate School of Biomedical Sciences

# Factors of good assistance evaluated by an assistance receiver

Mari Muto¹, Miki Fujimoto¹, Yutaka Sakaguchi²

¹Faculty of Medical Science for Health, Teikyo Heisei University, ²Faculty of Allied Health Science, Niigata University of Rehabilitation, ³Graduate school of Information Systems, The University of Electro-communications

# Ipsilateral Motor cortical excitability during precision movement learning

Masahiro Seo¹, Akhiro Matsuura¹, Tetsuya Karita¹, Futoshi Higashi¹

¹Department of Rehabilitation, Daisen Rehabilitation Hospital, ²Laboratory of Veterinary System Science, Yamaguchi University

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<td>10:00~11:00</td>
<td>PRE 18-35</td>
<td>The rehabilitation programme and functional outcomes of persons with lower limb amputations at a primary level rehabilitation centre</td>
<td>Jerome Peter Fredericks¹</td>
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<td>PRE 18-36</td>
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<td>Xin Wang², Karen F.Y. Liu¹</td>
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<td>Masatoshi Gocho¹, Kunji Shirahama¹</td>
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<td>Effect of Change in Sitting Position on Forward Reach Distance and Standing Balance after Standing：Simulation of a Cerebral Infarction Pseudohemiplegic Posture in Healthy Subjects</td>
<td>Jun-ichi Watanabe¹, Maki Shiraishi¹, Hideki Tauchi¹, Shigeru Kogami¹</td>
<td>Rehabilitation Dept., Ehime Prefectural Central Hospital</td>
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<td>Development of a Simple Assessment Test for Evaluating Ideomotor Apraxia (SATIA)</td>
<td>Mai Yamada¹, Yuki Sato¹, Toshiro Higashi¹, Akira Satoh¹, Mitsuhiro Tsujihata¹</td>
<td>Rehabilitation Dept., Nagasaki Kita Hospital, Neurology, Nagasaki Kita Hospital, Unit of Rehabilitation Sciences, Nagasaki University Graduate School of Biomedical Sciences</td>
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<td>14:30~15:30</td>
<td>PRE 18-40</td>
<td>Inter-rater reliability of simple test for evaluating hand function：a preliminary study</td>
<td>Toru Nagao¹, Tomoko Uchida¹, Hirofumi Tanabe¹, Kenichi Hanafusa¹, Daisuke Ueda¹</td>
<td>Kobe university graduate school of health sciences, Department of rehabilitation, Self defense forces central hospital, Department of rehabilitation, Suita Municipal Hospital, Myodani Hospital</td>
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<td>10:00~11:00</td>
<td>PRE 18-41</td>
<td>Factors of good assistance evaluated by an assistance receiver</td>
<td>Mari Muto¹, Miki Fujimoto¹, Yutaka Sakaguchi²</td>
<td>Faculty of Medical Science for Health, Teikyo Heisei University, Faculty of Allied Health Science, Niigata University of Rehabilitation, Graduate school of Information Systems, The University of Electro-communications</td>
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<tr>
<td>14:30~15:30</td>
<td>PRE 18-42</td>
<td>Ipsilateral Motor cortical excitability during precision movement learning</td>
<td>Masahiro Seo¹, Akhiro Matsuura¹, Tetsuya Karita¹, Futoshi Higashi¹</td>
<td>Department of Rehabilitation, Daisen Rehabilitation Hospital, Laboratory of Veterinary System Science, Yamaguchi University</td>
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1. 資料の実装と機能結果の評価
2. パーキンソン病における外部刺激の使用
3. 予後に特定の訓練が手麻痹患者における結果
4. すわり姿勢の変化が前方リーチ距離と立ち上がり後の位相バランスに及ぼす影響
5. 簡易観念運動失失検査（STEF）における検査者間信頼性の検討
6. 介助者が感じる“よい介助”の要素の分析
7. 一側運動神経損傷の運動学習における側側脳皮質運動能の検討
PRE 18-43 10:00～11:00
The effect that motor imagery including the active element gives to the corticospinal excitability: Examination using the motor evoked potential by the transcranial magnetic stimulation
Yuki Tanigashira1, Sachimori Ichimura1, Kenji Oue1, Masashi Kono1, Takanori Tominaga1
1Rehabilitation Dept., Suisyou-kai Murata Hospital

PRE 18-44 14:30～15:30
Temporal changes in the corticospinal excitability after short-term 3 hours wrist immobilization
Tetsuya Kariš1, Akihiro Matsuura2, Futoshi Mori2
1Rehabilitation Dept., Daisen Rehabilitation Hospital, 2Laboratory of Veterinary System Science, Yamaguchi University

PRE 18-45 10:00～11:00
OCCUPATIONAL ENGAGEMENT AND PARTICIPATION: AN EVIDENCE-BASED EXPLORATION OF THE EFFECTIVENESS OF STANDARDIZED ASSESSMENT IN DEVELOPING OCCUPATIONAL HISTORIES WITH HEMODIALYSIS PATIENTS IN A SUBACUTE REHABILITATION SETTING
John R. Patro Jr
Occupational Therapy, MossRehab

PRE 18-46 14:30～15:30
An Application of MCCs: Finding a Cause of Drop Finger
Mitsuhiro Muto1,2, Tomoya Kawamoto1, Satomi Kannō1, Hiroshi Ueda1, Makoto Takekawa2
1Rehabilitation Dept., Asahi Hospital, 2Rehabilitation Dept., kasugai Orthopedics Clinic

PRE 18-47 10:00～11:00
Characteristics of sit-to-stand movement by hemiplegic subjects from a toilet seat using a one-point cane
Miyuki Fujikura1, Hiromi Fujii1, Takaki Kafuku1, Yoko Kimura1, Emiko Fukuda2
1Tohoku Medical College, 2Department of Occupational Therapy, Yamagata Prefectural University of Health Science, 3OYAMA Child Development Support Center, Rizumuen

PRE 18-48 14:30～15:30
Effects of Occupation-based ADL training on QoL and ADL ability in Stroke patients at a Korean Rehabilitation Setting (Pilot study)
Hae In Lee1, Kyong-Min Lee2
1Research Institute for Convergence of Biomedical Science and Technology, Pusan National University Yangsan Hospital, Korea, 2Far East University, Chungbuk, Korea

PRE 18-49 10:00～11:00
Verification of the accuracy of the Simplicity Stabilometry meter using a Wii board
Tatsuo Tamagaki1,2, Mie Kunimoto1, Erina Makino1, Susumu Nomura1, Tatsuya Kanno1
1School of Rehabilitation Div, Occupational Therapy, Kanagawa University of Human Sciences, 2Department of Occupational Therapy, Tokyo Metropolitan University Graduate School of Health Sciences, 3Occupational therapy department, Soubu Hospital, 4Occupational therapy department, Aso Rehabilitation General Hospital, 5Department of Rehabilitation Engineering, Kanagawa Rehabilitation Hospital

PRE 18-50 14:30～15:30
The Study of the Ability to Control of Precision Grip Power: adding and reducing pressure control over varying fingertip distances
Mitsuo Nakamura1, Mariko Nakamura1
1Department of Occupational Therapy, Sapporo Medical University School of Health Sciences

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A Study On Criterion Validity of Arndottir OT-ADL Neurobehavioral Evaluation
Yasuhiro Higashi1,2, Shinichi Takabatake1, Tomoko Nishikawa1, Kazuyoshi Oryoji3, Asako Matsubara4
1Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, 2Department of Rehabilitation Medicine, Higashiosaka Hospital, 3School of Comprehensive Rehabilitation, Osaka Prefecture University, 4Department of Rehabilitation, Hiroshima City General Rehabilitation Center

Arndottir OT-ADL 神經行動学的評価法の基準関連妥当性についての検討
東 恵宏1、高橋進一2、西川利明1、押野和代3、松原麻子4
1大阪府立大学大学院総合リハビリテーション学研究科、2特定医学法人 有隣会 東大阪病院リハビリテーション科、3大阪府立大学総合リハビリテーション学部、4広島市総合リハビリテーションセンターリハビリテーション科

Lesions Related to the Improvement of Left Hemispatial Neglect in Stroke Patients: Three-Dimensional SPECT Image Analysis of Lesions
Yusuke Nakamura1, Mai Yamada1, Shuei Komatsu1, Akira Satoh2, Mitsuhiro Tsujihata2
1Rehabilitation Dept., Nagasaki Kita Hospital, 2Neurology, Nagasaki Kita Hospital

左半側空間無視の改善に関わる責任病巣の検討－IMP-SPECT を用いた局所脳血流による比較
中村勇樹1、山田麻利1、小松幸平2、佐藤雅1、辻島光宏2
1社会医療法人春回会 長崎北病院総合リハビリテーション部、2社会医療法人春回会 長崎北病院神経内科

The study of the factors for increasing usage rate of an upper limb prosthesis
Patnapa Sumputtanon1, Toshiyuki Suzuka2
1Medical rehabilitation section, Industrial Rehabilitation Center, Pathumthani, Thailand, 2Rehabilitation section, Tokuyama Medical Association Hospital, Yamaguchi, Japan

Assessment and Treatment of Trigger Finger: Occupational Therapists common practice
Danit Langer1, Shai Luria1, Noomi Katz2, Adina Maeir1, Asnat Bar-Haim Erez2
1School of Occupational Therapy of Hadassah and the Faculty of Medicine, Hebrew University, Jerusalem, Israel, 2Research Institute for the Health and Medical Professions, Ono Academic College, Kiryat-Ono, Israel, 3Department of Orthopaedic Surgery, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

The use and purpose of goal attainment scaling (GAS) : Focused on body function and structure level with the Canadian Occupational Performance Measure (COPM) in adult hemiplegic patients
Tadao Kuni1, Matsuo Shimbo1
1Rehabilitation department, Juntendo University Hospital

Goal attainment scale (GAS) の活用と意義—一片麻痺患者へのカナダ作業遂行測定（COPM）を用いた心身機能構造レベルへの活用
金子隆史1、新保松雄1
1順天堂大学医学部附属順天堂医院リハビリテーション科

Persistent difference in short-term memory span between visual and visual-motor integration
Kazuyoshi Kameyama1, Miho Takeuchi1, Hidemi Fujino2
1Department of Occupational Therapy, Nishiharima Medical College, 2Graduate School of Health Sciences, Kobe University

視覚記憶と視覚運動記憶による記憶力の相違
亀山万倫1、竹内美保2、藤野英己2
1西脇市立医療専門学校作業療法学科、2神戸大学大学院保健学研究科

A Study On Working Memory Task For Ataxia In The Upper Extremities: Focus On The Prefrontal Area
Kazushige Takahashi1, Atsushi Sato1, Takahiro Takenaka1
1Rehabilitation Dept., Murakami Memorial Hospital Asahi University

上肢運動失調症に対する WMA 課題の検討—前頭前野に着目して
高橋一治1、佐藤明憲1、竹中孝雄1
1朝日大学歯学部附属大学病院リハビリテーション室

Review of a fatigue measurement method: Using tissue hemoglobin index (nTHI)
Atsushi Kitayama1, Katsumi Sugihara2, Futoshi Matsushita3, Yoshiki Tamaru3, Saiji Nishida4
1Faculty of Rehabilitation, Shijonawate Gakuen University

疲労度測定方法の検討—組織ヘモグロビン指数 (nTHI) を用いて
杉山隆1、杉岡勝美2、松下 太1、田丸隆希3、西田聡4
1四條畷学園大学リハビリテーション学部
PRE 18-60  14:30~15:30
Usefulness of the anagelseic effect in the home vibrator: Considers from a gate control theory
Rieko Ogawa, Toru Kawamoto, Hisaya Higashi, Yoshiyuki Karasawa, Akio Okano
RehabilitationCenter, DaiyukaiGeneralHospital, Orthopedics, DaiyukaiGeneralHospital, OccupationalTherapy, ChubuUniversity

PRE 18-61  10:00~11:00
Influence that difference of unilateral knee joint flexion angles gives to Sit-to-stand movement: Survey by electromyography and center of pressures
Yasushi Izumida, Kiyoko Fujishima, Miyuki Fujikura, Takaki Kafuku, Hiromi Fujii
Department of OccupationalTherapy, TohokuMedicalCollege, Department ofOccupationalTherapy, YamagataPrefecturalUniversityofHealthSciences

PRE 18-62  14:30~15:30
The immediate effects of prism adaptation therapy in searching auditory space in patients with unilateral spatial neglect
Takashi Matsuo, YoichiYamaguchi, Hiromichi Aramaki, Takayuki Tabira
RehabilitationDept., ShiroishiKyoritsuHospital, GraduateSchoolofHealthandWelfare, NishikyusyuUniversity

PRE 18-64  14:30~15:30
Evidence-Based Literature Review on Fatigue Management and Adults with Multiple Sclerosis
Virgil Mathiowetz, Chih-HuangYu
PrograminOccupationalTherapy/CenterforAlliedHealthPrograms, UniversityofMinnesota, RehabilitationScienceProgram, UniversityofMinnesota

PRE 18-65  10:00~11:00
The immediate effects of prism adaptation therapy in searching auditory space in patients with unilateral spatial neglect
Takashi Matsuo, YoichiYamaguchi, Hiromichi Aramaki, Takayuki Tabira
RehabilitationDept., ShiroishiKyoritsuHospital, GraduateSchoolofHealthandWelfare, NishikyusyuUniversity

PRE 18-66  14:30~15:30
Relations of Median Nerve Deformation and Displacement in Carpal Tunnel during Finger Motion
Yuichi Yoshii, Tomoo Ishii, Wen-LinTung, ShinsukeSakai, Peter C. Amadio
Department ofOrthopedicSurgery, EndowedDepartment ofHumanResourcesDevelopmentforCommunityMedicine, TokyoMedicalUniversityIbarakiMedicalCenter, Ami,Japan, Department ofRehabilitation, TsukubaMedicalCenterHospital, Tsukuba, Japan, BiomechanicsLaboratory, Division ofOrthopedicResearch, MayoClinic, Rochester, USA

PRE 18-67  10:00~11:00
The effect of mental practice using inverse video of unaffected upper extremity for a subject with chronic hemiparesis after stroke
Naoki Iso, Akira Sagari, Takefumi Moruchi, Fumiko Ito, Tosho Higashi
MiharadaHospital, NagasakiUniversityGraduateSchoolofBiomedicalSciences, NagasakiUniversityGraduateSchool of BiomedicalSciences, NagasakiUniversityHospital

PRE 18-68  14:30~15:30
Palmar arch dynamics during feeding tasks
Kyounghee Park, Kyoungyoung Park
PhysicaltherapyDept., MasanUniversity, OccupationaltherapyDept., JungwonUniversity

PRE 18-69  14:30~15:30
The influence of attention on activities of daily living among people with acute stroke
Naoki Iso, Akira Sagari, Takefumi Moruchi, Fumiko Ito, Tosho Higashi
MiharadaHospital, NagasakiUniversityGraduateSchoolofBiomedicalSciences, NagasakiUniversityGraduateSchool of BiomedicalSciences, NagasakiUniversityHospital
Relationship between manners of holding chopsticks and ability of operating them by non-dominant hands

hidefumi kamitani, yuichi hirakawa, kouta urase, naoto suzuki, shiori kudo

1 hiroasaki university graduate school of health sciences, 2 saiseikai matsuyama hospital, 3 hiroasaki stroke and rehabilitation center, 4 tokiikawai hospital

非利き手における箸の持ち方と操作能力との関係

上谷英史1, 平川裕一 1, 浦瀬康夫1, 鈴木直人1, 工藤詩織1

1 弘前大学大学院保健学研究科, 2 清春会松山病院, 3 弘前脳卒中・リハビリテーションセンター, 4 ときわ会病院

Difference in muscle mass quantity of pre-frail older adults and elderly in general: A Study using Inbody Measurement

Shuichi Wakayama 1, Junko Okuno 1, Haruhiko Inada 1, Tomohiro Kubota 1, Hisako Yanagi 2

1 department of occupational therapy, ahru medical care and welfare professional training college, 2 department of medical science and welfare, graduate school of comprehensive human science, university of tsukuba

二次予防対象者と一般高齢者の筋格筋量の違い—inbody を用いた検討

若山雄一1,2, 藤野純子1, 稲田晴彦1, 久保田智洋1, 柳 久子2

1 アール医療福祉専門学校作業療法学科, 2 研究科人間総合科学研究科福祉医学

Predicting the degree of independence in Activities of Daily Living (ADL) for traumatic cervical spinal cord injuries: To generate a "prediction chart of ADL"

Maki kako, ryosuke ideta, humio tsutsumi, hiroaki saki, takayosi ueta

1 department of rehabilitation, spinal injuries center, 2 department of orthopedic surgery, spinal injuries center, 3 department of rehabilitation, kyusyu nutrition welfare university

外傷性頚椎損傷者の ADL 自立度の予測－ADL 予測図の作成

齋藤典記1, 出田良輝1, 坂文生2, 杉井克裕2, 稲田晴彦2

1 総合支援センター中央リハビリテーション部, 2 総合支援センター整形外科, 3 九州栄養福祉大学リハビリテーション学部

A Study on Bathtub Stepping-over Pattern Using 3D Movement Analysis

Sonomi Umezaki 1, yutaka tochihara 2

1 department of occupational therapy, teikyo university faculty of fukuoka medical technology, 2 human science, faculty of design, kyushu university

動作分析から見た浴槽へのまたがり動作のパターン化

端間豊美1, 亀原 裕2

1 東京大学福岡医療技術学部作業療法学科, 2 九州大学大学院芸術工学研究院デザイン人間科学部門

Driving Performance response to STOP sign placed following priming principles of Implicit memory in a Driving Simulator: Cognitive priming of road signs

Kinsuk maitra 1, hae yean park 1

1 occupational therapy department, florida international university, miami, fl, usa

Driving Performance response to STOP sign placed following priming principles of Implicit memory in a Driving Simulator: Cognitive priming of road signs

Kinsuk maitra 1, hae yean park 1

1 occupational therapy department, florida international university, miami, fl, usa

Evaluating cognitive impairments after stroke: A systematic review of occupational therapy assessment tools.

Natasha lannin 1,2, naomi doody 2, robert remedios 1, emma schneider 1,2, caroline dixon 2

1 occupational therapy department, la trobe university, 2 occupational therapy department, alfred health

10:00~11:00
**Challenge & Innovation／革新と挑戦**

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<td>Potential of a Posture Controlling Game with the Wii Balance Board：Assessment with Healthy Subjects</td>
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Yuko Ito1, Kaoru Inoue1, Osamu Morikawa2, Shigeru Sato3
1Faculty of Health Sciences, Tokyo Metropolitan University, 2Department of Computational Intelligence and Systems Science, Tokyo Institute of Technology Interdisciplinary Graduate School of Science and Engineering, 3Research Institute for Human Science and Biomedical Engineering, The National Institute of Advanced Industrial Science and Technology

Wiiバランスボードを用いた姿勢コントロールゲームの可能性—健康者に対する評価より

伊藤祐子, 井上薫, 森川治, 佐藤滋

1首都大学東京健康福祉部, 2東京工業大学大学院 総合理工学研究科知能システム科学専攻, 3未来未来技術共同研究講座, 4産業技術総合研究所ヒューマンライクテクノロジー研究部門

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<th>PCI 18-2</th>
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<td>Development of a website for sharing rehabilitation plans：Everyone’s Rehabilitation-plan</td>
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</table>

Sei Uezu1, Kounosuke Tomori1, Yuki Saito2, Kanta Ohno2, Toshio Higashi2
1Welfare compound facilities of Japan Red Cross Aja, 2Graduate school of Kanagawa University of Human Services, 3Ohta Atami Hospital, 4Division of Physical Therapy and Occupational therapy Science, Graduate school of Health Science, Nagasaki University

リハビリテーションの介入方法を共有するためのWebサイトの開発—みんなのリハプランの紹介

上江洲 寿, 末利直之, 黒田祐樹, 大野雄大, 東 登志夫

1赤十字東京日本赤十字社, 2神奈川県立保健福祉大学 大学院, 3太田熱海病院, 4長崎大学大学院医歯薬学総合研究科

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<thead>
<tr>
<th>PCI 18-3</th>
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<tbody>
<tr>
<td>Perspectives of occupational therapists working in primary health promotion</td>
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</tbody>
</table>

Rebecca Wood1, Tracy Fortune1, Carol McKinstry2
1Department of Occupational Therapy, School of Allied Health, Faculty of Health Sciences, La Trobe University, 2La Trobe Rural Health School, La Trobe University

Perspectives of occupational therapists working in primary health promotion

1 Exhaust, 2 Exhaust

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<tr>
<th>PCI 18-4</th>
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<tr>
<td>Pilot Study of Current Status of Occupational Therapy in South Korea：Basic Statistics and Interesting Correlations</td>
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</table>

Hyub Kim1, Junghyun Han1, Hyejin Park1, Se-yeon Choi1, Sun-Ho Kim1
1Department of Occupational Therapy, Far East University

南韓における作業療法士の臨床活動

1金英煥, 2具善英, 3朴美京, 4崔世妍, 5金善浩

1ソウル特別市, 2ソウル特別市, 3ソウル特別市, 4ソウル特別市, 5ソウル特別市

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<tr>
<td>The Kawa model under the sight of the Actor Network Theory：an interpretative proposal for occupational therapy in the paradigm of complexity</td>
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</table>

Daniela Olivares1, Daniela Castro2
1Instituto de Aparato Locomotor y Rehabilitacion, Universidad Austral de Chile, 2Institutionen for Neurovetenskap och Fysiologi/Arbetsterapi (Institute for Neuroscience and Physiology/Occupational Therapy), Goteborgs Universitet, Sahlgrenska Akademin, Sweden (University of Gothenburg/The Sahlgrenska Academy)

The Kawa model under the sight of the Actor Network Theory

1 Exhaust, 2 Exhaust

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<th>PCI 18-6</th>
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<td>The current situation of occupational therapy practice in Mainland China</td>
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</table>

Hisako Shinkawa1, Nobuhiro Nara1, Fubiao Huang2, Xiaomei Chen2, Yue Gu1
1School of Health Sciences at Fukuoka, International University of Health Welfare, 2School of Health Sciences, Tokyo University of Technology, 3China Rehabilitation Research Center

中国における作業療法士の臨床活動

1杉原美代子, 2黄福彪, 3陳小梅, 4顧 與

1福岡大学医療福祉大学 大学院, 2北京首都医科大学附属康复医院, 3中国リハビリテーション研究センター

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<tr>
<td>Proposal of occupational therapy recording using ICD9-CM：Occupational therapy record under the DPC</td>
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Toshinori Kihara1
1Department of Rehabilitation, Tokuda Neurosurgical Hospital

Proposal of occupational therapy recording using ICD9-CM

1houses, 2houses

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<th>PCI 18-8</th>
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<td>Practice Models：Positioning OT for the S A’s of Self Management</td>
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Lori Cyr1
1Vancouver Coastal Health Authority, Mary Pack Arthritis Program

Practice Models: Positioning OT for the S A’s of Self Management

1 Exhaust

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<td>Revolutionary Leadership and the National Health Insurance Plan：Reflections for Occupational Therapy in South Africa</td>
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Fatima Hendricks1
1OT, OrthoHealth, 2Student, Thomas Jefferson University

Revolutionary Leadership and the National Health Insurance Plan

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Fatima Hendricks1
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Revolutionary Leadership and the National Health Insurance Plan

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Toshinori Kihara1
1Department of Rehabilitation, Tokuda Neurosurgical Hospital

Proposal of occupational therapy recording using ICD9-CM

1houses, 2houses

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Lori Cyr1
1Vancouver Coastal Health Authority, Mary Pack Arthritis Program

Practice Models: Positioning OT for the S A’s of Self Management

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Revolutionary Leadership and the National Health Insurance Plan

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Lori Cyr1
1Vancouver Coastal Health Authority, Mary Pack Arthritis Program

Practice Models: Positioning OT for the S A’s of Self Management

1 Exhaust
Health care and society alter behavior change interventions delivered by mobile telephone
Ulrika Mussener¹, Preben Bendtsen¹
¹Department of Medical and Health Science, Linkoping university

Occupational Therapy and Sustainable Development a Swedish perspective
Ida Kahlin
²Swedish Association of Occupational Therapists

THINKING THE FUTURE: PROJECTIONS AND EXPECTATIONS OF OCCUPATIONAL THERAPY: REFLECTIONS FROM COLOMBIA
Juan Arango¹ ²
¹Investigaciones, Universidad Manuela Beltran, ²Universidad Nacional de Colombia

Non-restriction monitoring using the wireless cough-measuring system
Hajime Tsujimura¹ ² ³, Masafumi Matsumura¹ ² ³
¹Faculty of Biomedical Engineering, Osaka Electro-Communication University, ²Graduate School of Biomedical Engineering, Osaka Electro-Communication University, ³Rehabilitation Dep., Institution of Nursing Care for Seniors Care Center Gamouno

Adopting the LEADS Framework to a Leadership Special Interest Group in British Columbia
Giovanna Boniface¹, Lori Cyr¹, Remy Lim¹, Jane Rodwell¹, Patti Erlendson¹
¹Vancouver Coastal Health Authority, ²Canadian Association of Occupational Therapists- BC Chapter, ³Fraser Health Authority, ⁴Providence Health

The Mechanically Assisting Interacting Knob (MAIK): Motivating and adaptive (home) training after stroke
Anja Kolimar¹, Dominik Wyser¹, Stefan Seiterle², Robert Rienert³ ⁴, Peter Wolf³ ⁴
¹Department of Health Sciences and Technologies, Sensory-Motor-Systems Lab, ETH Zurich, Switzerland, ²Spinal Cord Injury Center, Balgirst University Hospital, Switzerland

Examining the presence of disability studies in occupational therapy: A scoping study
Nicole Thomson¹ ² ³, Rona Macdonald¹ ² ³, Michael Kenko Iwama³
¹Graduate Department of Rehabilitation Science, University of Toronto, ²Holland Bloorview Kids Rehabilitation Hospital, ³Department of Occupational Therapy, Georgia Regents University

Development of an active glove system for patients with cervical spinal cord injury to restore finger function
Toshio Higashi¹, Shunji Moromugi², Masaaki Ami³, Tomitaro Akiyama³, Takakazu Ishimatsu³
¹Unit of rehabilitation sciences, Nagasaki University Graduate School of Biomedical Sciences, ²Division of system science, Nagasaki University Graduate School of Engineering, ³Tomei Brace CO., LTD., ⁴Nagasaki city welfare center for the disabled

The new spider splint was borned
Tomoyuki Seki¹, Koichi Obha¹, Tomoaki Tanabe¹, Yuya Okazaki¹, Kiyoshi Yasaki¹
¹Rehabilitation Center, Sowa Central Hospital, ²Rehabilitation Center, Musashimuraayama Hospital, ³Faculty of Health Sciences, Occupational Therapy Dept., Meijiro University

New spider splint's诞生
関 稜之², 大場耕一², 畑崎寛明², 岡崎 弥司², 矢崎 潔³
²阪和中央病院総合リハビリテーションセンター, ³武蔵村山病院総合リハビリテーションセンター, ⁴総合大学保健医療学部 作業療法学科

Development of the Mediation Components Mapping Assessment (MCMA) for occupational therapists
Naama Katz¹, Noomi Katz¹, Dalia Sachs²
¹Occupational Therapy, Ono Academic College, ²Occupational Therapy, University of Haifa
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| 10:00-11:00| Development of reaction time tasks for the assessment of attention dysfunction and their usability by Yasuhiro Sengoku et al.  
           | Social Determinants of Health in Araucania, Chile: Case studies through the application of the Kawa Model by Roberto Nieto et al.  
           | Let’s peel off the lid from a yogurt container: Creation of patients’ options and support their decision by Chiaki Kabutomori et al.  
           | Opportunities to infuse sustainability into OT practice by Lynn Gitlow et al.  
           | iWakka: Average grip force and examination of validation methodology by Sakiko Nakamura et al.  
           | The FlightGate Tool: Understanding the practice development needs of individuals by Rebecca Shute et al.  
           | An occupational therapy approach for patients with advanced, metastatic, and recurrent cancer by Hisako Tajiri et al.  
           | Virtual teamworking: A strategy for global collaboration by Sarah Bodell et al.  
           | Occupational therapy in PFI correctional facilities in Japan: Report on individual occupational therapy for inmates with disabilities by Takako Morikawa et al.  
           | Cultural Understanding and Conflicts in New Zealand: Tall Poppy Syndrome, a friend or foe to therapeutic intervention in New Zealand by Dan Johnson |

Department of Health Sciences, Sapporo Medical University,  
Department of Liberal Arts and Sciences, Sapporo Medical University  
Rehabilitation Dept., Nakadori Rehabilitation Hospital  
Faculty of Health Sciences, Occupational Therapy Dept., Mejiro University  
Division of Rehabilitation Medicine, Shizuoka Cancer Center  
Queen Margaret University, UK,  
2gether NHS Foundation Trust, UK,  
Lancashire Care NHS Foundation Trust, UK  
Harima Rehabilitation Program Center, Kobe Gakuin University, Osaka Health Science University  
Kakogawa Health Science University  
New Zealand, Independent Practitioner
### User involvement in occupational therapy research

**Barbara Pikur**<sup>1,2</sup>, Anna J.H.M. Beurskens<sup>1</sup>, Marian J. Jongmans<sup>1</sup>, Marjolijn Ketelaar<sup>1</sup>, Rob J.E.M. Smeets<sup>1</sup>

1. Occupational Therapy, Centre of Research Autonomy and Participation, Faculty of Health and Care, Zuyd University.
2. Rehabilitation Medicine, CAPHRI, School for Public Health and Primary Care, Faculty of Health, Medicine and Life Sciences, Maastricht University.
3. Rudolf Magnus Institute of Neuroscience and Center of Excellence for Rehabilitation Medicine, University Medical Center Utrecht and Rehabilitation Center De Hoogstraat.
4. Special Education, Faculty of Social Sciences, Utrecht University.

### Effects of Robot-Assisted Therapy on Sensorimotor Recovery, Daily Functions, and Level of Biomarkers in Patients With Subacute Stroke: A Pilot Study

**Meng-Ta Lee**<sup>1</sup>, Ching-Yi Wu<sup>2</sup>, Yu-Yin Lu<sup>1</sup>, Shih-Han Wang<sup>2</sup>, Keh-Chung Lin<sup>1,3</sup>

1. School of Occupational Therapy, College of Medicine, National Taiwan University.
2. Department of Occupational Therapy, Graduate Institute of Clinical Behavioral Science, Chang Gung University.
3. Division of Occupational Therapy, Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital.

### Occupation／作業

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<td><strong>POC 18-1</strong></td>
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<td>Kenji Tsukamoto&lt;sup&gt;1&lt;/sup&gt;</td>
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<td><strong>POC 18-2</strong></td>
<td>14:30～15:30</td>
<td>Etsuko Odawara&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>Gregory Wintz&lt;sup&gt;1&lt;/sup&gt;, Clair Gabriel&lt;sup&gt;1&lt;/sup&gt;, Kimberly Griffin&lt;sup&gt;1&lt;/sup&gt;, Anna Jensen&lt;sup&gt;1&lt;/sup&gt;, Ai Takado&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>Yosuke Suzuki&lt;sup&gt;1&lt;/sup&gt;, Sayaka Iwakami&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>Yoshinori Otani&lt;sup&gt;1&lt;/sup&gt;, Tomomi Nishidate&lt;sup&gt;1&lt;/sup&gt;, Takeshi Akita&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>Tanja Krizaj&lt;sup&gt;1&lt;/sup&gt;, Anne E.K. Roberts&lt;sup&gt;1&lt;/sup&gt;, Catherine Hennessy&lt;sup&gt;1&lt;/sup&gt;</td>
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Other presentations on similar topics and methodologies are also included in the document. The content covers various aspects of occupational therapy, including rehabilitation strategies, individualized intervention, and cross-cultural perspectives.
Volitional Questionnaire-Based Analysis of the Effects of Horticultural Therapy: Focusing on Frankl’s Three Values
Nobuyuki Sunahara1, Etuko Miyamoto1, Yuriko Kiriyama1, Saori Sudo1, Masumi Ukon1
1Rehabilitation Dept., Toyama Prefectural Koshi Rehabilitation Hospital

A research on the structure of meaningful occupation
Misa Sato1, Shun Takehara2
1Koutoku-Kai Total Health Clinic day care of dementia, 2Yamagata Prefectural University of Health Sciences

The Life Story of a Born and Bred Tokyoite Created through "Occupation": A case of a life regained through the use of the management for improving daily performance
Tomohiko Koyama1
1Rehabilitation Dept., Geriatric Health-Care Facility: Thanks yoneyama

Beyond the Individual: An Ecological and Occupational Perspective on Ageing
Barry Trentham1
1Department of Occupational Science and Occupational Therapy, University of Toronto

How do OTs support clients in their decision-making for activities?: Therapeutic intervention in motor problem-solving capability based on CAMR
Mariko Akiyama1, Yukitoshi Nishio1, Yukio Tanoue2
1Health care facility for the elderly Aoi-no-sono-HiroshimaKuukou, 2National Hospital Organization Kanmon Medical Center

An Examination of Participation and Disposition Characteristics in Social Activities among Older Adults
Kerryellen Vroman1, Sajay Arthanat2
1Occupational Therapy, University of New Hampshire

Evaluation of subjective experience to set a client-centered goal in geriatric occupational therapy practice: A flow-model based study
Ippei Yoshida1,2, Tetsushi Nonaka3, Kazuki Hirao2, Ryuji Kobayashi2
1Day care Kalmia Harue, 2Department of Occupational Therapy, Graduate School of Health and Science, Kibi International University, 3Research Institute of Health and Welfare, Kibi International University

Meaning of the Radio Distance Learning of the Elderly with Physical Disabilities
Mizuho Fujiwara1
1Kobe Gakuin University

Researching older New Zealanders’ important activities
Valerie Wright-St. Clair1, Angela Rapson2, Ngaire Kerse2
1Department of Occupational Science and Therapy, Auckland University of Technology, 2Department of General Practice and Primary Health Care, University of Auckland

Meaning of the Radio Distance Learning of the Elderly with Physical Disabilities
Mizuho Fujiwara1
1Kobe Gakuin University

障害をもつ高齢者が高齢者放送大学で学ぶことの意味
藤原瑞穂
1神戸学院大学
### POC 18-17  10:00～11:00

**The meanings of occupational participation among elderly people at a day service center: an exploratory pilot study**

Masataka Shikata¹, Kenji Yabuwaki², Hiroyuki Notoh³

1. Day Service Center Miyakoda, Social Welfare Corporation Koyukai, 2. Graduate School of Health Science Studies, Kibi International University (distance education), 3. School of Health Science and Social Welfare, Kibi International University, 4. Faculty of Health Sciences, Tokoha University

通所介護利用者の作業参加の意味に関する予備的研究

鹿田将隆¹, 2, 篠原健司³, 野藤弘幸⁴

1. 社会福祉法人公友会 デイサービスセンター都田, 2. 吉備国際大学大学院（通信制）保健科学研究科, 3. 吉備国際大学保健医療福祉学部, 4. 常葉大学保健医療学部

### POC 18-19  10:00～11:00

**Identify difference between male and female activity by elderly individuals requiring care at home**

Tamotsu Ikeda¹

1. Nihon Welfare and Rehabilitation School

在宅必要介護高齢者の男女による活動の相違

池田保¹

1. 日本福祉リハビリテーション学院

### Collaboration／連携

**POC 18-1  10:00～11:00**

**Collaboration with an occupational therapist and nurses in a neonatal intensive care unit**

Koichiro Yuki¹, Maho Kameoka¹, Kaname Matsusawa¹, Tetsuo Kubota¹, Hiroya Asano¹

1. Department of Physical Medicine and Rehabilitation, Anjo Kosi Hospital, 2. Neonatal intensive care unit, Anjo Kosi Hospital, 3. Department of Pediatrics, Anjo Kosi Hospital

当院新生児センターにおける作業療法士と看護師との連携について

行功一郎¹, 亀岡真帆², 松沢要³, 久保田哲夫³, 亀田保¹

1. 安城更生病院リハビリテーション技術科, 2. 安城更生病院新生児センター, 3. 安城更生病院小児科

**POC 18-2  14:30～15:30**

**A study of effectiveness of parent training program for teachers**

Haruka Toeda¹, Ryoichiro Iwanaga², Hideki Miyaguchi³

1. Graduate School of Health Sciences, Gunma University, 2. Graduate School of Biomedical Sciences, Nagasaki University, 3. Graduate School of Biomedical and Health Sciences, Hiroshima University

ペアレント・トレーニング教員版の効果に関する研究

十枝はるか¹, 岩永一郎², 宮口英樹³

1. 群馬大学大学院保健学研究科, 2. 長崎大学大学院医歯薬学総合研究科, 3. 広島大学大学院医歯薬保健学研究科

**POC 18-3  10:00～11:00**

**I Can Drive Too: The Use of a Ride-On Toy Car for Mobility and Socialization: A Case Report**

Hsianghan Huang¹, Christina B. Ragonesi², Tracy Stoner³, Terri Peffley³, James C. Galloway²

1. Department of Occupational Therapy and Graduate Institute of Behavioral Sciences, Chang Gung University, 2. Dept of Physical Therapy and Biomechanics and Movement Sciences Program, University of Delaware, 3. Dept of Physical Therapy, University of Delaware

I Can Drive Too: The Use of a Ride-On Toy Car for Mobility and Socialization: A Case Report

黃秀涵¹, Ragonesi ₂, Terri Peffley³

1. Department of Occupational Therapy and Graduate Institute of Behavioral Sciences, Chang Gung University, 2. Dept of Physical Therapy and Biomechanics and Movement Sciences Program, University of Delaware, 3. Dept of Physical Therapy, University of Delaware

### PCO 18-4  14:30～15:30

**Survey on attitudes among OTs working at convalescence hospitals toward the occupational fields in the future**

Toshihiro Sumikura¹, Katsunori Oyama², Mitsuo Isiyama³

1. Kyowakai Hospital, 2. Senri Chuo Hospital, 3. Senri Tsukumodai Home-visit Nursing Station

回復期病院に勤める OT の将来の職域についての意識調査

山田隆弘¹, 松原善之², 室戸栄雄³

1. 協和会病院, 2. 千里中央病院, 3. 千里津雲台訪問看護ステーション

**POC 18-5  10:00～11:00**

**New Perspectives on Intercollaborative Rehabilitative Therapies for Vulnerable Populations of Developing Countries: Integrating Occupational Therapy with Speech-Language Pathology Practicum in Zambia**

Rebecca Weaver¹, Reagan Dennison², Sara Jane Shock¹

1. College of Allied Health, Harding University, 2. Occupational Therapy, Pediatric Therapy Associates, Inc

New Perspectives on Intercollaborative Rehabilitative Therapies for Vulnerable Populations of Developing Countries: Integrating Occupational Therapy with Speech-Language Pathology Practicum in Zambia

Rebecca Weaver¹, Reagan Dennison², Sara Jane Shock¹

1. College of Allied Health, Harding University, 2. Occupational Therapy, Pediatric Therapy Associates, Inc
### PCO 18-6 14:30～15:30
A study on the duties and abilities which are required of the occupational therapists in administration

<table>
<thead>
<tr>
<th>Authors</th>
<th>Affiliations</th>
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<tbody>
<tr>
<td>Katsumi Ikeuchi</td>
<td>Rehabilitation Dept., Shikoku Medical Center for Children and Adults</td>
</tr>
<tr>
<td>Kie Fuji</td>
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<td>Satoshi Kondo</td>
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<td>Tsuyoshi Matsuo</td>
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<tr>
<td>Rie Kobayashi</td>
<td>Faculty of Health and Welfare, Prefectural University of Hiroshima</td>
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### PCO 18-7 10:00～11:00
School-based occupational practice through collaboration with school teachers

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<tr>
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<tbody>
<tr>
<td>Yoko Yamashita</td>
<td>Department of Occupational Therapy, Prefectural University of Hiroshima</td>
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<tr>
<td>Reiko Tsuchida</td>
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<td>Mika Nagayoshi</td>
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### PCO 18-8 14:30～15:30
Support by occupational therapists at kindergarten

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<td>Tomomi Ogawa</td>
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<td>Junko Ishigaki</td>
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<td>Yuji Takeda</td>
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<td>Masaharu Ueno</td>
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<td>Ryuhei Suzuki</td>
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### PCO 18-9 10:00～11:00
Occupational Therapists’ Perspectives on Collaborative Relationships with Teachers

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<td>Yan-hua Huang</td>
<td>Department of Occupational Therapy, California State University, Dominguez Hills</td>
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<td>Kiara John-Charles</td>
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<tr>
<td>Chi Wa Kuk</td>
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<tr>
<td>Krishna Patel</td>
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<td>Kristen Owens</td>
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### PCO 18-11 10:00～11:00
Development and use of collaborative report for acute medical care and long-term care

<table>
<thead>
<tr>
<th>Authors</th>
<th>Affiliations</th>
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<tr>
<td>Hiroyuki Nara</td>
<td>Miyoshi Medical Association Hospital, Public Mitsuji General Hospital Rehabilitation Center</td>
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<td>Noriyasu Sasaki</td>
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<td>Aya Mochikawa</td>
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<td>Yuji Yasunobu</td>
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<td>Shigeki Murakami</td>
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### PCO 18-12 14:30～15:30
Occupational Therapy Perception of Inter-professional Collaboration in the United States School Settings: A Pilot Study

<table>
<thead>
<tr>
<th>Authors</th>
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<tr>
<td>Yan-hua Huang</td>
<td>Department of Occupational Therapy, California State University, Dominguez Hills</td>
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<tr>
<td>Claudia Peyton</td>
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<td>Delliah Bolo</td>
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<td>Sam Chang</td>
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<td>Tali Cohen</td>
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### PCO 18-13 10:00～11:00
Professional identities of occupational therapy practitioners in Japan: Using semi-structured interview

<table>
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<tr>
<th>Authors</th>
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<tr>
<td>Risa Takashima</td>
<td>Elderly Care Nursing Facility, Megumino Care-Support, Faculty of Health Sciences, Hokkaido University</td>
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<tr>
<td>Kazuko Saeki</td>
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### PCO 18-14 14:30～15:30

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<thead>
<tr>
<th>Authors</th>
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<tbody>
<tr>
<td>Siobhan Mac Cobb</td>
<td>The Discipline of Occupational Therapy, Trinity College Dublin, National Behaviour Support Service</td>
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<tr>
<td>Carolyn Lanigan-O'Keeffe</td>
<td></td>
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<td>Brian Fitzgerald</td>
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### PCO 18-15 10:00～11:00
Team approach and the use of OSA-II for patients motivation is reduced by head injury

<table>
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<th>Authors</th>
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<tr>
<td>Katsumori Ota</td>
<td>Therapy Dept, Kawakita Rehabilitation Hospital</td>
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<tr>
<td>Soyoui Kawazome</td>
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### June 18 (Wed) Poster Session

- June 18 (Wed) Poster Session
- June 21 (Sat) June 20 (Fri) June 19 (Thu)
The role of occupational therapists in planning individualized education plan at regular elementary and middle schools
Hidenobu Sekimori1, Kiyomi Watanabe1, Takamichi Taniguchi1
1School of Health Sciences Department of Occupational Therapy, International University of Health and Welfare

Effects of cooperation between teachers and occupational therapists for special education class in regular school
Yuko Itô1, Miwako Morimura2, Syunichi Kawai1
1Faculty of Health Sciences Division of Occupational Therapy, Tokyo Metropolitan University, 2Special Education Class, Tokyo Komae City Midorino Elementary School

Inter-Professional Collaboration and the Role of OT: Alleviating the Psychosocial Impact of Disaster to the Ill-Prepared Community
Maria Fe Abejar1, Charles Jureidini1
1Department of Psychology, Cebu Doctors’ University, 2Department of Occupational Therapy, Cebu Doctors’ University

Occupational therapy theory for non-occupational-therapists: Supporting teachers using MOHO
Donald Maciver1, Cathleen Hunter1, Kirsty Forsyth1, Duncan Pentland1
1Firefly Research, Queen Margaret University Edinburgh

Improving computer use in educational tasks for students with physical disabilities - a collaborative approach
Maria Borgestig1,2, Helena Hemmingsson1, Torbjorn Falkmer1,3
1Department of Social and Welfare Studies, Faculty of Health Sciences, Linkoping University, Sweden, 2Folke Bernadotte Regional Habilitation Centre, Department of Women`s and Children`s Health, Uppsala University, Sweden, 3School of Occupational Therapy & Social Work, Curtin Health Innovation Research Institute, Curtin University, Perth, WA, Australia, 4School of Occupational Therapy, La Trobe University, Melbourne, Victoria, Australia

Disaster／災害
Shokichi: Establishing a New Life after the Great Earthquake in Northern Japan, the Perspective of a 12-year Old Boy
Minori Koga1, Etsku Odawara2
1Therapy Dept., Kawakita Rehabilitation Hospital, 2Department of Rehabilitation sciences, Seiiei Christopher University

Report about the role of occupational therapist who involved in the consultation and assistance projects of children with disabilities affected by the disaster in Fukushima
Masayo Imakawa1, Junko Nakaji1, Kazuto Misawa2, Mayumi Arikawa1, Mikiko Tanabe3
1Fukushima Rehabilitation Center for Children, 2Department of Occupational Therapy, College of Life and Health Sciences, Chubu University, 3Department of Occupational Therapy, Ehime Juzen School of Allied medical Professions, 4Division of Occupational Therapy, Department of Rehabilitation Sciences, Home

Wisdom／作業療法の智
Occupation and Archetype: Occupation as the Agent of Transformation and Healing in Myth and Story
Anne Shordike1
1Occupational Therapy and Occupational Science Department, Eastern Kentucky University
### A Systematic Review of Interventions in Families' Routines: An Occupational Therapy Perspective

Nancy Carlson¹, Sarah Hardy¹, Chelsie Gibson¹
¹Department of Occupational Therapy, Elizabethtown College

### A Japanese and American Knowledge Exchange: The Lorna Jean King Diary 1985

Christine Peters¹, Evelyn Andersson²
¹Independent Researcher, ²Occupational Therapy, Midwestern University, Glendale, Arizona

### The use of group in the occupational therapy: A literature review of practice reports on the use of group

Hiroki Senda¹, Hiroshi Yamane²
¹Human Health Science, Graduate School of Medicine, Kyoto University Master’s Course, ²Human Health Science, Graduate School of Medicine, Kyoto University

### Country Profiles of Sweden and Japan: in relation to ageing population; comparisons, similarities and differences

Marianne Edman¹
¹Occupational therapy, CAPIO REHAB Primary Health Care

### A Vision For Occupational Therapy in 21st Century; outcomes from a Scottish “Think Tank”

Linda Renton¹, Sarah Kantartzis¹, Ian McMillan¹, Heather Hunter¹, Elaine Ballantyne¹
¹Occupational Therapy, Queen Margaret University, Edinburgh, EH22 6UU

### Starting From Zero: Developing Occupational Therapy as a New Profession: Bulgarian experience

Liliya Todorova¹, Petya Mincheva²
¹Association of Bulgarian Ergotherapists, ²Association of Bulgarian Ergotherapists

### Occupational Profile of a Killer

Trisha Patel¹, Rondalyn Whitney¹
¹Department of Occupational Therapy, University of the Sciences

### Occupational injustice in modern society

Nicholas Pollard¹, Dikaios Sakellariou²
¹Faculty of Health and Wellbeing, Sheffield Hallam University, ²School of healthcare Studies, Cardiff University
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<th>GUIDED POSTER／座長付ポスター</th>
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**GP-05** 9:00～10:00  Children/発達障害

**Chair/座長**
Lynnette Mackenzie  University of Sydney

**GP-05-1 CH**

To retrieve children's play in Fukushima : introducing “playing caravan” volunteer  
Reiko Tsuchida¹, Takahiro Ishii², Kouji Okamoto³, Yoichi Nagai⁴  
¹Health and Welfare Dept, Prefectural University of Hiroshima, ²Dept of OT, Teikyo University of Science, ³Association to Revitalize Fukushima thorough Rehabilitation, ⁴Dept. of OT, Niigata University of Health and Welfare

子どもたちの遊びを取り戻すために－福島県における「お遊しキャラバン隊」活動
土田玲子1,石井孝弘2,岡本宏二3,永井洋一4
1県立広島大学保健福祉学部、2帝京科学大学作業療法学科、3ふくしまをりはびりで元気にする会、4新潟医療福祉大学作業療法学科

**GP-05-2 CH**

Performance of Typical American, Chinese, and Israeli Children on the Sensory Profile : A Secondary Item Analysis  
Ariela Neuman¹  
¹Occupational Therapy Department, Nova Southeastern University

**GP-05-3 CH**

THE DEVELOPMENT OF THE MOTOR-ENHANCED VISUAL PERCEPTION ACTIVITY KIT FOR CHILDREN IN ELEMENTARY SCHOOL LEVEL, YEARS 1-3  
Suchitporn Lersilp¹, Supaporn Chinchai¹, Sarinya Sripetcharawut¹, Wilaiwan M. Snow¹  
¹Occupational Therapy Dept., The Faculty of Associated Medical Sciences, Chiangmai University

**GP-05-4 CH**

Fostering Knowledge about Participation in Occupations for Children and Youth : Processes and Outcomes of a Knowledge Translation Project  
Mary Law¹, Wendy Coster², Gary Bedell³, Dana Anaby⁴, Mary Khetani⁵  
¹CanChild Centre for Childhood Disability Research, McMaster University, ²Department of Occupational Therapy, Boston University, ³Department of Occupational Therapy, Tufts University, ⁴McGill University, ⁵Colorado State University

**GP-05-5 CH**

Back at school : student-environment fit of children after acquired brain injuries out of children’s and teachers’ perspectives : A cross-sectional study  
Cornelia Kocher Stalder¹, Anders Kottorp², Maja Steinlin¹, Helena Hemmingsson³  
¹Children’s University Hospital Bern, Switzerland, ²Karolinska Institut, University Stockholm, Sweden, ³Linkoping University, Sweden

**GP-06 MH**

Psychoeducation may improve autonomy in drug administration between inpatients with schizophrenia and schizoaffective disorder  
Nobuhiko Yanagida¹,², Yuuki Nakayama², Kazuhiro Inoue², Makoto Yanase¹, Toshiro Uchino¹  
¹School of Health Sciences, Kagoshima University Faculty of Medicine, ²Section of Occupational Therapy in Medical Treatment Technology Department, Kagoshima Mental Hygiene Association Yokoyama Hospital, ³Department of Psychiatry, Kurume University School of Medicine

精神科病院入院患者に対する心理教育が服薬の自立度に及ぼす影響
柳田信彦1,2,中山鷹司2,井上和博,野瀬 誠,内野俊郎2
1鹿児島大学医学部保健学科, 2社団法人 鹿児島精神衛生協会 横山病院診療技術部作業療法室, 3久留米大学医学部神経精神医学講座
16th International Congress of the World Federation of Occupational Therapists
in collaboration with the 48th Japanese Occupational Therapy Congress and Expo

9:00~10:00  14:00~15:00

GP-06-2 MH

Self-reported and Observed Quality of ADL Task Performance in Adults with Depression
Kristina Tomra Nielsen¹, Eva Ejersen Wahrens²
¹Occupational Therapy Department, University College of Northern Denmark, ²Parker Institut, Frederiksberg Hospital

GP-06-3 MH

Being homeless or being housed: tales of occupational engagement and transitions
Catherine Vallee¹, Pierre-Alexandre Morin¹, Mathieu Moisan¹
¹Faculté de Medecine, Departement de readaptation, Universite Laval

GP-06-4 MH

The Effect of Exergaming on Mental Health, A Systematic Review
Chyi-Rong Chen¹, Ho-Kuei Huang², Chung-Yin Cheng¹, Wei-Jie Yang¹, Ming-De Chen¹
¹Department of Psychiatry, Chang Gung Memorial Hospital-Kaohsiung Medical Center, ²Department of Rehabilitation Medicine, Chishan Hospital, Department of Health, Executive Yuan, Taiwan (R.O.C.), ³Department of Occupational Therapy, Kaohsiung Medical University

GP-06-5 MH

Refugee Resettlement and Occupational Therapy's Initiatives
Nadine Kwebetchou¹, Andrew Myers¹, Katie Shuler¹
¹MS, OTR/L

GP-07 PD

14:00~15:00  Physical Disabilities/身体障害

Chair/座長
TBD

An anatomical study of extensor apponeurosis displacement distance in DIP joint independent flexion
Masato Suzuki¹, Noriko Yamamoto¹, Shinya Kimura¹, Takashi Nakano¹
¹Division of Rehabilitation Medicine, Aichi Medical University Hospital, ²Rehabilitation Center, Social Insurance Chukyo Hospital, ³Department or Rehabilitation Medicine, Aichi Medical University, ⁴Department or Anatomy, Aichi Medical University

DIP関節単独屈曲における指背腱膜移動距離の解剖学的検討
鈴木雅人¹, 山本紀子¹, 木村伸也¹, 中野隆¹
¹愛知医科大学病院リハビリテーション部, ²社会保険中京病院リハビリテーションセンター, ³愛知医科大学リハビリテーション科, ⁴愛知医科大学医学部解剖学講座

From social support to information seeking, how are persons with rheumatoid arthritis using disease-specific Facebook communities for social participation? A qualitative exploration of content themes and discussion of the role of OT
Cheryl Crow¹, Kristin Jones¹, Andrea Aho²
¹Occupational Therapy, Samuel Merritt University, ²Pacific Northwest Chapter, Arthritis Foundation

A Novel Method for Measuring Lymphedemas Using an Artec Eva 3D Scanner
Kanako Sunagawa¹, Aki Kanayama¹, Hiroaki Kimura¹
¹Division of Clinical Support, Hiroshima University Hospital, ²Department of Rehabilitation, Hiroshima University Hospital

Artec Eva 3Dスキャナを用いたリンパ浮腫の新しい計測
砂川加奈子¹, 金山亜希¹, 木村浩彰²
¹広島大学病院診療支援部, ²広島大学病院リハビリテーション科

The relationship between motor imagery ability and the corticospinal excitability during mirror hand gazing with voluntary movement
Jun Iwanami¹, Mineo Oyama¹
¹Dept of Occupational Therapy, Niigata University of Health and Welfare

運動イメージ能力と鋼像手注視・随意運動時の皮質脊髄路興奮性の関連
岩波潤¹, 太田隆生¹
¹新潟医療福祉大学医療技術学部作業療法学科

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GP-07-5 PD

Promoting the Inclusion of Persons with Disabilities during Post-Disaster Situations
Penefrancia Ching¹, Ferdiliza Dandah Garcia²

¹Department of Occupational Therapy, College of Allied Medical Professions, University of the Philippines Manila, ²Philippine Association of Speech-Language Pathologists

GP-08 14:00～15:00 Elderly/老年期障害/ Education and research 教育・研究

GP-08-1 EL

Client satisfaction of home rehabilitation in Southern Taiwan: a mixed-method survey.
Po-Yen Chen¹, Ling-Hui Chang¹, Jye Wang²

¹Department of Occupational Therapy, National Cheng Kung University, College of Medicine, ²Department of Health Care Administration, Chang Jung Christian University

GP-08-2 EL

Promoting shared decision-making between a client with aphasia and the rehabilitation team: a case report
Akinori Yoshimura¹, Kounosuke Tomori²

¹Department of Rehabilitation, Medical corporation health Kai Shimada hospital, ²Kanagawa University of Human Services

GP-08-3 EL

Development of an easy-to-use videophone for people with dementia
Inga-Lill Boman¹,², Louise Nygard¹, Stefan Lundberg³, Lena Rosenberg¹

¹Division of Occupational Therapy, Karolinska Institutet, ²Department of Rehabilitation Medicine, Danderyds University Hospital, ³School of Technology, Royal Institutet of Technology

GP-08-4 ED

Korea’s OT Whereabouts: Comparative Study of Systems in Occupational Therapy Profession included in OECD and WFOT Member Countries
Ji Hyun Kim¹, Byoung Lock Jeong²

¹Department of Occupational Therapy, Far East University, ²Department of Occupational Therapy, Sangji Youngseo College

GP-08-5 ED

Self-reported therapeutic style among occupational therapy students in Norway
Tore Bonsaksen¹, Knut Vollestad¹

¹Department of Occupational Therapy, Prosthetics and Orthotics, Oslo and Akershus University College of Applied Sciences

Children／発達障害

PCH.19-1 9:00～10:00

Problems in the daily life of elementary school children with Asperger’s syndrome: From the perspective of parents and teachers
Kanami Seto¹, Chinnami Ishizuki², Hideki Miyaguchi²

¹Amano Rehabilitation Hospital, ²Graduate School of Biomedical and Health Sciences

PCH.19-2 14:00～15:00

Effects of simple orthosis on the spasticity of the upper limb paralysis: Electrophysiological consideration
Yohei Kinoshita¹, Rituko Nakamura¹, Koh Asayama¹

¹Rehabilitation Part, medical corporation Junwa Nagao Hospital

Effects of simple orthosis on the spasticity of the upper limb paralysis: Electrophysiological consideration
Yohei Kinoshita¹, Rituko Nakamura¹, Koh Asayama¹

¹Rehabilitation Part, medical corporation Junwa Nagao Hospital
PCH 19-3  9:00～10:00
Cultural considerations for successful delivery of occupational therapy service in inclusive education: A focus on the Chinese society
Chien-Ying Yang¹
¹Department of Occupational Therapy, New York University

PCH 19-4  14:00～15:00
The states of leisure in adults with cerebral palsy
Yuko Abe¹, Mikio Hirano¹, Hitoshi Diaikoku¹
¹Faculty of Medical Science and Welfare, Tohoku Bunka Gaku University

PCH 19-5  9:00～10:00
The Pilot Program to Improve Adaptive Capacity of Children with Developmental Disabilities
Haruko Ono¹, Yoshihisa Sato¹, Miho Yoshida², Aya Kanazawa³
¹Faculty of Health Science, Department of Rehabilitation, Tohoku Fukushi University, ²Rehabilitation Center, Kanazawa Neurosurgical Hospital, ³Physical Medicine and Rehabilitation, National Hospital Organization, Nishitaga National Hospital

PCH 19-7  9:00～10:00
A development acceleration factor of sociability of ASD children and a role of OT
Hidemi Yakuwa¹, Emiko Fukuda¹
¹NPO Oyama Child Development Support Center, Rhythm Day Care Center

PCH 19-8  14:00～15:00
The work experience for youth with cerebral palsy: A case who improve vocational skills and interest
Takashi Sato¹, Hiromichi Hara¹, Fumi Yagi¹, Saori Iwase¹
¹Rehabilitation Division, Sagaseishi Gakuenn Karatsu Medicai and Welfare Center for people with disabilities

PCH 19-9  9:00～10:00
The balance in occupation of institutionalized persons with sever motor and intellectual disabilities in Japan
Izumi Sugiyama¹, Satoshi Sasada²
¹Chisaki-Hananosono, ²Kanagawa University of Human Services

PCH 19-10  14:00～15:00
Early sensory motor intervention decreases developmental gaps in children of low socio-economic Foreign Workers
Orit Bart¹, Hadass Olke Gorenstein¹,², Gila Rabinovich¹, Tamar Schwartz²
¹Occupational Therapy, Tel Aviv University, ²Assistance for the foreign community, Tel Aviv municipality, Messila

PCH 19-11  9:00～10:00
The developmental profile of children exposed to anti-epileptic drugs in utero: sensory function, motor function and participation
Tanya Rihtman¹, Shula Parush¹, Asher Ornoy¹
¹School of Occupational Therapy, Hadassah and the Hebrew University of Jerusalem Faculty of Medicine, ²Medical School, Hadassah and the Hebrew University of Jerusalem Faculty of Medicine

PCH 19-12  14:00～15:00
Using a sensory protocol to improve functional and behavioural outcomes for children with autism
Christine Chapparo¹, Lucinda Mora²
¹Discipline of Occupational Therapy, The University of Sydney, ²Behavioural Intervention Unit, The Department of Aging, Disability and Home Care
Development of an iPad application for sharing meaningful occupations for children: Aid for Decision-making in Occupation Choice (ADOC) for Schools

Yuto Imai, Chiho Nakama, Kounosuke Tomori, Ryutaro Nagatani

Aid for Decision making Occupation Choice for school (ADOC)の開発

今井悠人, 仲間知穂, 友利幸之介, 長谷「太郎

Development of an iPad application for sharing meaningful occupations for children: Aid for Decision-making in Occupation Choice (ADOC) for Schools

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Aid for Decision making Occupation Choice for school (ADOC)の開発

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Children with Autism and Attention Difficulties: A Pilot Study of the Association between Sensory, Motor, and Functional Independence

Carolanne Mattard Labrecue, Leila Ben Amor, Melanie Couture

治療と教育ユニット, ひらたにんこども発達障害クリニック, 琉球リハビリテーション学院, 神奈川県立保健福祉大学

*Playbock Therapy, Western Michigan University

*Rehabilitation, Laval University, *Centre Hospitalier Hotel-Dieu de Levis, *School of rehabilitation, Universite de Sherbrooke, *Centre de recherche clinique Etienne Lebel

The use of therapeutic tricycles in a clinical setting

Fred Sammons, Barbara Rider

*Occupational Therapy, Western Michigan University

The effects and essential features of Playback Theatre in an institution for children and youth with disabilities

Hiroko Osafune, Aki Komori, Kayo Munakata, Yasushi Yoshihara

*Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, *Medical Corporation Zyakusuikei Sekiya Clinic

The practice of Japanese class in the first grader in an elementary school: Collaboration with occupational therapist and teachers

Satoshi Sasada

*Kanagawa University of Human Services

A study on factors and strategies for selective eating in children with Autism Spectrum Disorders (ASD): Focus on families experienced great difficulties

Ayumi Miyajima, Kiyomi Tateyama, Kazuo Higaki

*Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, *Medical Corporation Zyakusuikei Sekiya Clinic

Day service center for children at horse riding club

Chinatsu Hayashibara

*Graduate school of medicine, dentistry and pharmaceutical sciences, Okayama University

*Occupational Therapy, Western Michigan University

*Rehabilitation, Laval University, *Centre Hospitalier Hotel-Dieu de Levis, *School of rehabilitation, Universite de Sherbrooke, *Centre de recherche clinique Etienne Lebel

障害児施設で行うプレイバックシアターの意義と必要な要素

長谷徹子, 小森亜紀, 宗像佳代, 吉原 康

劇団プレイバックーズ, 福島整肢療護園

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障害児施設で行うプレイバックシアターの意義と必要な要素

長谷徹子, 小森亜紀, 宗像佳代, 吉原 康

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長谷徹子, 小森亜紀, 宗像佳代, 吉原 康

劇団プレイバックーズ, 福島整肢療護園
Effects of the model project for specialized therapy of children with developmental disability at day service facilities for children: based on Japanese Sensory Inventory Revised results

Mika Sakamoto¹, Keiko Narita²
¹Faculty of Allied Health Sciences Department of Rehabilitation Occupational Therapy Core, Niigata University of Rehabilitation, ²Non-profit Organization Akari

Self-support tool made of silicon for clumsy children

Kenichi Kamoshita, Masato Nakagawa

Report of SST for Children with Developmental Disorders using viewpoint of Sensory Integration

Ruriko Miyazaki¹, Hiromi Iwasaka¹, Toshihiro Kato², Shuhei Takahata³, Sayuri Koida³
¹Center for Special Needs Education, Nara University of Education, ²Graduate School of Medicine, Kyoto University, ³Nara Prefectural General Rehabilitation Center

Toilet Training for a Child with Autism: a case study in parent training

Chinami Ishizuki¹, Hideki Miyaguchi¹
¹hiroshima university

A sociopsychological approach to adolescent Duchenne Muscular Dystrophy: A case study of individualized occupational therapy and social skills training

Masato Nakagawa
¹Kakeyu-Misayama rehabilitation center Misayama hospital

A case study of a university student with a pervasive developmental disorder which was improved by outpatient occupational therapy

Ryuichi Ikeda¹, Yutaka Fujiiwara²
¹Occupational Therapy Dept., Takaoka mental hospital, ²Medical office, Takaoka mental hospital

The use of perceptual and semantic encoding methods to promote word learning of primary school children with dyslexia

Karen P.Y. Liu¹, Peterson H.S. Chui², Eltriza L.H. Yip²
¹University of Western Sydney, ²The Hong Kong Polytechnic University, ³C/o The Hong Kong Polytechnic University

Results of facilitating the development of upper-limb functions in infant that show stereotypy: Introducing arm orthosis to a case of Rett syndrome

Naomi Momosaki¹
¹Rehabilitation Dept., Saga Handicapped Children’s Hospital

Self-support tool made of silicon for clumsy children

Kenichi Kamoshita¹, Mayumi Tachibana¹
¹Rehabilitation Dept., Shizuoka Children’s Hospital

Effects of facilitating the development of upper-limb functions in infant that show stereotypy: Introducing arm orthosis to a case of Rett syndrome

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Results of facilitating the development of upper-limb functions in infant that show stereotypy: Introducing arm orthosis to a case of Rett syndrome

Self-support tool made of silicon for clumsy children
A case where the ability to use chopsticks was acquired through a stepwise approach depending on functional changes

Takashi Kamiya¹, Rie Iida¹, Yoshikazu Yasukawa¹, Takanori Yamamoto², Hiromitsu Kamimura¹

¹Rehabilitation Dept., Osaka General Hospital of West Japan Railway Company

機能の変化に応じた段階付けを行うことで著操作を獲得した一症例

桜台洞, 柏原、飯田利, 安川徹, 山本幸, 山元洋

西日本旅客鉄道株式会社 大阪鉄道病院リハビリテーション科
Effectiveness of outpatient occupational therapy on a transfer from the hospital-based to the community based rehabilitation in patients with severe chronic obstructive pulmonary disease

Yoko Goto
School of Health Sciences, Sapporo Medical University

Discussion on the role of occupational therapists at conferences on skeletal-related events in our hospital: From the perspective of occupational therapy interventions conducted on a breast cancer patient with multiple bone metastases

Hiroyuki Ase1, Matsuo Shimbo2
1Rehabilitation Dept., Juntendo University Hospital
2Dept. of Control and Instrumentation Engineering, Kangwon National University

The case of extraocular muscle paralysis was improved by facilitation repeated therapy -Using the maze nerve reflex facilitation method

Ayumi Tominaga
Dept. of Occupational Therapy, Yamagata Prefectural University of Health Sciences

Combined protocol of low frequency repetitive transcranial magnetic stimulation and an intensive rehabilitation program for 325 post stroke hemiparetic patients

Yusuke Haga1, Hiroaki Harashima1, Satoshi Miyano2, Wataru Kakuda1, Masahiro Abo2
1Department of Rehabilitation Medicine, Medical Corporation Foundation Kenkoukai General Tokyo Hospital
2Department of Rehabilitation Medicine, The Jikei University School of Medicine

Characteristics of sitting balance during reaching in stroke patients with Pusher syndrome

Yumiko Konishi1, Sachiko Tsubakino1, Mitsuhiro Nito2, Hiromi Fujii1, Toshiaki Sato1
1Division of Rehabilitation, Yamagata City Hospital Saikeikan, 2Graduate School of Medical Science, Yamagata University, 3Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences

Institutional activities of daily living and life style in patients with severe chronic obstructive pulmonary disease

Yoko Goto
School of Health Sciences, Sapporo Medical University

Effectiveness of outpatient occupational therapy on a transfer from the hospital-based to the community based rehabilitation in chronic stroke: a case report

Ayumi Tominaga1, Aki Yokoi1, Tomoko Tanaka1, Shu Watanabe2
1Department of Rehabilitation Medicine, Jikei-Daisan Hospital, Tokyo, Japan, 2Department of Rehabilitation Medicine, Jikei University School of Medicine, Tokyo, Japan

9:00～10:00

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| PPD 19-14 | 14:00～15:00 | Acute neurorehabilitation focused on development of ADL ability to return home  
Yukiko Tagane¹, Shoko Taguchi¹, Takuo Keda¹, Kohtaro Tsumura², Keisuke Ito²  
¹Rehabilitation, Kawasaki Saiwai Hospital, ²Neuro Vascular Center, Kawasaki Saiwai Hospital |
| PPD 19-15 | 9:00～10:00 | Communicating with aphasic patients in Occupational Therapy  
Elisabete Roldao¹, Bernardete Abrantes¹  
¹Rehabilitation Service, Military Hospital |
| PPD 19-16 | 14:00～15:00 | Improving the function, design, and fitting of arm slings  
Emiko Takahashi¹  
¹Rehabilitation Dept., Ihatov Hospital by Kyorinkai |
| PPD 19-17 | 9:00～10:00 | Postoperative rehabilitation for breast cancer patients: information and treatment, recognition of the patient  
Aya Osawa¹, Setsu Iijima¹, Hisayoshi Suzuki¹, Hiroyuki Sakuda¹, Eriko Masuyama¹  
¹Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences, Showa University, ²National rehabilitation center for persons with disabilities |
| PPD 19-18 | 14:00～15:00 | Long-term rehabilitation trajectory after stroke: An ongoing negotiation between Body, Participation and Self  
Arntzen Cathrine¹,², Borg Tove³, Hamran Torunn²  
¹Division of Rehabilitation Services, University Hospital of North Norway, ²Faculty of health sciences, University of Tromso, ³Center for Sundhet, Menneske og Kultur, Aarhus University |
| PPD 19-19 | 9:00～10:00 | Making manual of before and after tap test evaluation  
Toshinori Kihara¹  
¹Tokuda neurosurgery hospital |
| PPD 19-20 | 14:00～15:00 | A study on the contents of family-support at recovery and rehabilitation ward in Japan  
Daisuke Makiyama¹, Shunichi Yamamura¹, Satoshi Sasada¹, Tatsushi Kamata¹  
¹Rehabilitation Center, Yokohama Shintoshi Neurosurgical Hospital, ²Kanagawa University of Human Sciences, ³Health Sciences University of Hokkaido |
| PPD 19-21 | 9:00～10:00 | Survey of splint therapy for rheumatoid arthritis patients  
Mikiko Nakadomari¹, Ayumi Tamayose¹, Yumi Miyagi¹, Toshie Yano¹  
¹Rehabilitation Center, Nantou Hospital |

日本作業療法学会第16回世界作業療法士連盟大会・第48回 第239
The role of the occupational therapist within the team: Through the cases seen of mental regression in addition to the disability

Yu Sugao1, Shinobu Ueno1, Takashi Yasunaga1
1Rehabilitation Dept., Koyama Rehabilitation Hospital

チーム内での作業療法士の役割を考える–身体障害に加え精神的退行の例を通して

宮尾 優, 上野 猛, 安永 剛
課山リハビリテーション病院リハビリテーション部

A case report of postoperative arthroscopic repair for triangular fibrocartilage complex foveal tear associated with distal radius fracture

Yoshinori Sugita1, Yukio Abe2
1Department of Rehabilitation, Saiseikai Shimonoseki General Hospital Yamaguchi, 2Department of Orthopaedic Surgery, Saiseikai Shimonoseki General Hospital Yamaguchi

橋骨近位端骨折に合併したTFCC尺骨小窩断端に対する鏡視下縫合術後の一例

松田芳德, 安部雄幸
山口県済生会下関総合病院リハビリテーション科, 山口県済生会下関総合病院整形外科

Long-term effects of Activity of Daily Living of bilateral subthalamic nucleus stimulation in Parkinson's disease

Miwako Miyata1,2, Yuichi Oka3, Rika Tsuboi4, Atsushi Umemura5, Noriyuki Matsukawa6
1Faculty of Health Science, Nihon Fukushi University, 2Department of Neurology, Nagoya City University, 3Department of Neurosurgery, Nagoya City University, 4Division of Rehabilitation, Nagoa City University Hospital, 5Department of Research and Therapeutics for Movement Disorders, Juntendo University School of Medicine

パークinson病の現状下摘出療法における日常生活活動への長期的影響

宮本達之1,2, 田村 雄3, 坂井 美1, 梅村 浩4, 松川則之5
1日本福祉大学健康科学部, 2名古屋市大学神経内科, 3名古屋市大学脳神経外科, 4名古屋市大学病院リハビリテーション部, 5順天堂大学運動障害医療奇跡研究治療講座

For activities of daily living ability and nutrition in cancer patients

Naoto Onnura1, Naomi Yoshida1, Yoshiho Nishi2, Miki Oogushi1, Hiroshi Mizuta1
1Rehabilitation Dept., Kumamoto University Hospital

がん患者における栄養と日常生活活動能力について

宮本 忠1, 劉田 なお1, 西 佳子2, 大串 伸3, 水野 博1
1熊本大学医学部附属病院リハビリテーション

The necessity of the vocational rehabilitation for the brain injured by occupational therapists: A modified grounded theory approach

Ryoko Sato1, Naomi Fuzinaga2, Jun Yaeda3, Mariko Yoshino4
1Rehabilitation Dept., Tsukiji Rehabilitation Center, 2Rehabilitation Dept., Tokyo metropolitan rehabilitation hospital, 3Graduate Course of Lifespan Developmental Science, University of Tsukuba

作業療法士における脳損傷者への就労支援の必要性－修正版グラウンド・セミナー・アプローチによる分析

佐藤則, 藤原直美1, 二重田 浩2, 古野 幹雄3
1とちぎリハビリテーションセンターリハビリテーション部, 2東京都リハビリテーション病院リハビリテーション部, 3筑波大学大学院社会科学研究科

A Trial for improvement of range of motion after Humeral head replacement

Naeo Onnura1, Yoshinobu Oka1, Taturou Hayashida2, Yasuhiro Fujwara2, Taku Ogura2
1Department of Rehabilitation, Nantan General Hospital, 2Department of orthopaedic surgery, Nantan General Hospital

上腕人工骨頭置換術後のROM改善に対する治療経験

宮村通人, 坂口 佳伸1, 林田達郎2, 藤原晴大, 小関 之2
1公立南丹病院リハビリテーション科, 2公立南丹病院整形外科

The effect of occupational therapy on a patient who had a hemorrhagic stroke during implantable ventricular assist device support

Yoshihisa Namazu1, Mayumi Fujii1, Kenichiro Mitsuayama1
1Rehabilitation Dept., Gunma Prefectural Cardiovascular Center

脳出血後自宅退院となった補聴機能補助人工心臓置換患者の経験

生活 貴久, 藤井麻由美, 洪山兼一郎
群馬県立心臓血管センターリハビリテーション課
第16回 世界作業療法士連盟大会・第48回 日本作業療法学会

PPD 19-30 14:00～15:00
A Study of Factors as related to Stroke Patients upon Getting new jobs
Masako Tokumoto1, Chinami Ishizuki2, Hideki Miyaguchi2

1Department of Rehabilitation Medicine, Chugoku Rosai Hospital, 2Graduate School of Biomedical and Health Sciences, Hiroshima University

脳卒中患者が新規就労するために必要なポイント−職業リハ機関の専門家へのインタビュー−

PPD 19-31 09:00～10:00
A case which improves QOL with support ascribing dependent bodily waste elimination by counseling on sexual intercourse: Intervention by an interview based on ICF
Yuukichi Tabata1, Yohisiko Kumashino1, Atsuko Matsuura1, Yuki Tanaka1, Anna Nagata1

1Non-profit Organization NOIR

性行為の相談から排泄未自立を特定して支援し QOL の向上に至った事例−ICF に基づく面接を通じての介入

PPD 19-32 14:00～15:00
The relationship between the neglect symptoms and the visual information process in the left hemiplegia with USN: Analyzing the exploratory eye movements and the recognition threshold of optic flow stimuli
Takeshi Yoshida1, Hironobu Nakayama2, Mutsuhide Tanaka1, Yoshinobu Goto1

1Faculty of Health Science Department of Occupational Therapy, Kyushu University of Health and Welfare, 2Kyushu Medical Sports Vocational School, 3Faculty of Fukuoka Health and Medical Care, International University of Health and Welfare

左半側空間無視患者の無視症状と視空間認知機能との関連性について−探索眼球運動検査と運動視刺激を用いた事象関連電位での検討

Elderly／老年期障害

PEL 19-1 09:00～10:00
Characteristics of functional recovery after surgery for unstable intra-articular distal radial fractures in the elderly
Yuya Kobayashi1, Hiroshi Yamazaki1, Toshiyuki Takenaka1, Toshiyuki Sakurai1

1Muculoskeletal Rehabilitation Center, Aizawa Hospital, Jisenkai Medical Corporation, 2Orthopaedic Center, Aizawa Hospital, Jisenkai Medical Corporation

高齢者 橈骨遠位端関節内骨折の術後回復の特徴

PEL 19-2 14:00～15:00
Clinical Reasoning and Occupational Therapy for Improving the Task of Taking off Shoes in Patients with Parkinson's Disease
Takamasa Hosoda1, Matsuo Shinbo1

1Department of Rehabilitation, Kurashiki Kinen Hospital, 2Department of Rehabilitation, Juntendo University Hospital

クリニカルリーズングと作業療法−パーキンソン病患者の靴脱ぎ動作改善を目指して

Clinical Reasoning and Occupational Therapy for Improving the Task of Taking off Shoes in Patients with Parkinson's Disease
Takamasa Hosoda1, Matsuo Shinbo1

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<th>PEL 19-3</th>
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<tbody>
<tr>
<td><strong>Relationship between severity score and ADL/IADL skills in Alzheimer Disease</strong>&lt;br&gt;Yukiko Suzuki¹,², Yukiko Yoshikawa¹, Akira Nagasawa², Ryuji Kobayashi²&lt;br&gt;¹Department of Rehabilitation, Juntendo Tokyo Koto Geriatric Medical Center, ²Graduate School of Health and Science, Kibi International University, Takahashi City, Okayama, Japan</td>
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アルツハイマー型認知症患者における重症度に応じた ADL/IADL 技能の特性<br>鈴木優喜子¹，吉川友紀子，長澤 明，小林隆司<br>順天堂大学医学部附属順天堂東京江東高齢者医療センターリハビリテーション科，吉備国際大学大学院（通信制）保健科学研究科作業療法学専攻 |

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<th>PEL 19-4</th>
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<td><strong>Use of the Model of Human Occupation Screening Tool for a patient requiring assistance with cooking</strong>&lt;br&gt;Mika Nakamura¹, Manabu Midorikawa¹&lt;br&gt;¹Rehabilitation Dept., Aida Memorial Rehabilitation Hospital</td>
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人間作業モデルスクリーニングツールを活用し新たな調理方法の獲得に至った事例<br>中村美歌，緑川 学<br>会田記念リハビリテーション病院リハビリテーション部 |

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<th>PEL 19-5</th>
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<td><strong>Aim at independence of operation of opening the lid of dairy products</strong>&lt;br&gt;Masatika Kawaguri¹, Yukitaka Hosaka¹, Rikiya Mitsuhashi¹, Chiaki Kabutomori¹&lt;br&gt;¹Rehabilitation Dept., Nakadorigo rehabilitation Hospital</td>
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乳製品のふたを開ける動作の自立を目指して<br>川口浩史，保坂幸毅，三橋力也，兜森千明<br>中通リハビリテーション病院リハビリテーション部 |

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<th>PEL 19-6</th>
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<tr>
<td><strong>Meaningful Occupation through Continuous Occupational Storytelling</strong>&lt;br&gt;Kaena Ota¹, Tatsuya Suzuki²&lt;br&gt;¹Haruno care center Geriatric health services facility, ²Faculty of Rehabilitation, Seirei Christopher University</td>
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意味のある作業を具体化した症例－継続的な作業的ストーリーテリングを通じて<br>太田加枝菜，鈴木達也<br>介護老人保健施設 はるのケアセンター，聖隷クリストファー大学リハビリテーション学部 |

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<th>PEL 19-7</th>
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<tr>
<td><strong>Upper limb disuse after trauma in elderly people</strong>&lt;br&gt;Setsuko Kudo¹, Yoko Sugawara²&lt;br&gt;¹Health and welfare sciences, occupational therapy, International university of health and welfare graduate school, ²Department of occupational therapy, International university of health and welfare</td>
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老年期における外傷後の「上肢の不使用」に関する研究<br>工藤摂子，菅原洋子<br>国際医療福祉大学保健医療学専攻 作業療法学科分野 修士課程，国際医療福祉大学小田原保健医療学部 作業療法学科 |

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<th>PEL 19-8</th>
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<tr>
<td><strong>Hearing own life histories from family members can promote engagement in meaningful occupations in cognitive impairment patients</strong>&lt;br&gt;Tomomi Sato¹, Kazuya Matuda¹, Koji Sato¹&lt;br&gt;¹Department of Rehabilitation, Yufuin Koseinenkin Hospital</td>
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自発性低下が著しい認知機能障害患者に対する作業の導入における家族からの生活歴聴取の重要性<br>佐藤友美，松田和也，佐藤浩二<br>湯布院厚生年金病院リハビリテーション部 |

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<tr>
<td><strong>Intervention for several behavioural disorders in Alzheimer’s disease : Analysis of behavior and anaysis of activities</strong>&lt;br&gt;Noriyuki Ogawa¹, Michiko Ogawa²&lt;br&gt;¹Department of Occupational Therapy, School of Health Science, Kyushu University of Health and Welfare, ²Geriatric health services facility, EKUSERURAIFU</td>
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アルツハイマー型認知症の行為障害への介入－動作分析と活動分析<br>小川敬之，小川道子<br>九州保健福祉大学保健科学部作業療法学科，介護老人保健施設エクセルライフ |
### PEL 19-10 14:00~15:00

**Application of the Kawa Model in the caregiving of a family member during a state of confusion: a physiotherapist’s experience**

Rie Takahashi, Kuniko Koyama, Kumiko Anzai, Haruru Ishikawa

1. Hino Ryogoen (Care Facility for Adults with Severe Disabilities), Tokyo Metropolitan Tobu Medical Center for Persons with Developmental/Multiple Disabilities, 2. Teikyo University of Science, 3. Nakagawai Rehabilitation center for children with disabilities

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### PEL 19-11 9:00~10:00

**Significance of housekeeping evaluation for elderly frail patient with chronic heart failure: A case report**

Tomonori Takeda, Mayumi Suzuki, Munetaka Yamazaki, Shigeru Makita

1. Rehabilitation center, Saitama Medical University International Medical Center, Hidaka-City, Japan, 2. Department of heart rehabilitation, Saitama Medical University International Medical Center, Hidaka-City, Japan

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### PEL 19-12 14:00~15:00

**Physical and Psychological Effects of on-Action Training on Daily Life: Activity in Long-Term Care Health Facility and Improvement in Motivation**

Serina Ujiie, Eriko Yomoda, Yuko Kunishima, Kouji Omokamo, Ryuji Satoh

1. Rehabilitation Dept, Long-Term Care Health Facility, 2. Association to Revitalize Fukushima through Rehabilitation

床上動作訓練が日常生活（身体活動・心理面）に及ぼした影響について－介護老人保健施設での取り組みにおける活動と意欲の改善

氏家里志,四方田江里志,園田祐子,緒方志,佐藤隆司

1. 介護老人保健施設介護ヒボリテーションセンター, 2. ふくしまをリハビリで元気にする会

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### PEL 19-13 9:00~10:00

**Perceived role and effects of occupational therapy in dementia care: the Filipino experience**

Sally Jane Uy

DEPARTMENT OF OCCUPATIONAL THERAPY, UNIVERSITY OF SANTO TOMAS, COLLEGE OF REHABILITATION SCIENCES

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### PEL 19-14 14:00~15:00

**Factors affecting subjective recovery image in convalescent stroke patients**

Shuhei Koeda, Koshi Sumigawa, Yuji Koike, Eri Osanai, Hiroto Imai

1. Hiroshima University Graduate School of Health Sciences, 2. Hirosaki Stroke Rehabilitation Center

脳卒中患者における回復に対する自分の認識に関連する因子

小松谷満,黒川喜代,小寺史雄,内村敏,今井賢 FEATURE

1. 東京大学医学部保健学科, 2. 神奈川県立労災病院

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### PEL 19-15 9:00~10:00

**An investigation of risk during activities that stroke patients want to do while under the expiration gas analysis system**

Hideki Shiraiishi, Kanata Kameyama, Yoshikiko Fujita, Kazushi Hotta, Toshiaki Muraki

1. Occupational dept, Ibaraki Prefectural University of Health Sciences

呼気ガス分析による「したい活動」を用いる際の危険性についての調査

白石英樹,橋本佳代,藤田好平,細田和司,村木敏明

1. 埼玉医科大学作業療法学科

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### PEL 19-16 14:00~15:00

**Self-Rated Health and Aging in Place: The Role of Physical Functions and Lifestyle Factors among Frail Older Adults**

Shinpei Ikeda, Emiko Uchida, Hiroshi Haga

1. Japan Home Care Institute of Education and Research, Japan, 2. Graduate School of Gerontology, J. F. Oberlin University, Japan, 3. (Former Affiliation: Graduate School of Gerontology, J. F. Oberlin University, Japan)

要介護高齢者のAging in Place－主観的健康感の増進とケアの役割

池田勝政,内田和男,小野博

1. 株式会社日本在宅ケア教育研究所, 2. 桜英美大学大学院老年学研究科

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### PEL 19-17 9:00~10:00

**A case where safety while behaving was enhanced by the improvement of awareness of one’s own disease**

Masami Kugimoto, Daiisuke Shimizu, Syunsuke Akita, Jyunichi Minamizawa, Jyunya Akagi

1. Rehabilitation Dept., Okuma Central Hospital, 2. Department of Rehabilitation Science, Osaka Health Science University

自己の病態と不適切な動作方法に対する気付きの向上で動作運用時の安全性が向上した－症例

石藤真実,清水大輔,安藤雅也,高橋純一,赤木浮

1. おおぐまセントラル病院リハビリテーション部, 2. 大阪保健医療大学
PEL 19-18 14:00～15:00
Examination of an Intervention Method for Interactions between Patients in a Persistent Vegetative State and their Primary Caregivers
Miki Fujimoto1, Tatsuo Hatta2, Mari Muto1
1Faculty of Allied Health Science Department of Rehabilitation, Nigata University of rehabilitation, 2Institute of Health Science, Faculty of Medicine, Hokkaido University, 3Faculty of Health Sciences, Tokyo Metropolitan University

PEL 19-19 9:00～10:00
Association between post-stroke depression and severity of motor paralysis in stroke patients
Chihiro Sato1, Shuhei Koeda2, Hiroto Imal1, Tomoki Shimizu1, Takao Osanai2
1Hirosaki Stroke Rehabilitation Center, 2Hirosaki University Graduate School of Health Sciences

PEL 19-20 14:00～15:00
Support for occupational choices: The Model of Human Occupation based intervention for an elderly adult with BPSD
Kana Fujita1, Takashi Yamada1, Yoshikazu Ishii2, Norikazu Kobayashi2, Hironori Kawamata3
1Rehabilitation Dept., Seibukawage Hospital, 2Graduate School of Rehabilitation, Meijiro University, 3Graduate School of Human Health Sciences, Tokyo Metropolitan University, 4Rehabilitation Dept., Facility of health care services for the elderly Narahatokiwa-en

PEL 19-21 9:00～10:00
Examination of the “going out” support provided to stroke patients
Masashi Ogata1, Yuji Higashi2, Toshiro Fujimoto2, Toshiyko Tamura3, Yoshiaki Iwase4
1Rehabilitation Room, Fujimoto General Hospital, 2Fujimoto Medical System, 3Osaka Electro-Communication University, 4Graduate School of Health Sciences, Kagoshima University, 5School of Health Sciences, Faculty of Medicine, Kagoshima University

PEL 19-22 14:00～15:00
The process of awareness of disabilities in clients with left unilateral spatial neglect: comparison with a previous study in Sweden
Asako Yamamoto1, Nobuo Ohshima2
1Sophia Home Visit Nursing Station Higashigaoka, 2Graduate School of Human Health Sciences, Tokyo Metropolitan University

PEL 19-23 9:00～10:00
Comparison of repeating the same IADL tasks with different IADL tasks in occupation-based occupational therapy interventions: A case of the elderly with physical limitations
Sawako Saito1
1Department of Occupational Therapy, Ibaraki Prefectural University of Health Sciences

PEL 19-24 14:00～15:00
A study of evaluation of behavioral and psychological symptoms of dementia
Miyuki Oshiro1, Yume Taira1, Erika Shiroma2, Noriko Murakami1
1Rehabilitation Dept., Tomishiro central hospital

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<th>Time</th>
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<td>PEL 19-25</td>
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<td>14:00~15:00</td>
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**Consider the Importance of Occupation-Focused Practice through an Interview One Year after Discharge: Rebuilding the Life of One-Legged Soba Craftsman**

Takahiro Yaginuma

*Rehabilitation Center, Ohta General Hospital*

**Assisted living of visit service to all the ADL care ALS patients**

Makiko Shimizu, Fumika Fukamato

*Department of occupational therapy, nagano rehabilitation college, visit rehabilitation, welfare corporation keiouenn*

**The support subject for solving the problem of the life after the return to house during duration of hospitalization: Research which led the person who received visit rehabilitation after leaving a convalescence rehabilitation ward**

Tomonari Munakata, Tuyosi Endo, Yasunobu Sato, Fumihito Tanaka

*Rehabilitation center, Chigasaki Sin-Hokuryou Hospital*

**Investigation of stroke patients who drive an automobile after discharge from our hospital: Through the cooperation with driving school**

Kouji Kawakami, Tomohiro Kitayama, Tadashi Yasuda

*Rehabilitation Dept., Social Welfare Organization Kaho-en Kinkai Rehabilitation Hospital, Educational Affairs Section, Sanin Chuou Driving School*

**Identifying the Critical Components of Youth Anti-Stigma Education Programs**

Shu-Ping Chen, Michelle Koller, Terry Krupa, Heather Stuart

*Department of Community Health and Epidemiology, Queen’s University, School of Rehabilitation Therapy, Queen’s University*

**Occupational therapist support for creative activities**

Yasuko Suzuki, Kyomi Kiyonami, Toshihiro Kawai

*Department of Community-Based Rehabilitation, Saitama Rehabilitation Center, Rehabilitation Engineering Laboratory, Saitama Rehabilitation Center*

**Positive effects of ‘CarePa’ games on cognitive function among young adults**

Katsuhito Nomiyama, Saori Kubo, Kenichi Yamaguchi

*Rehabilitation Dept., Fukuoka Rehabilitation Hospital*

‘CarePa (キャケア)’ が認知機能に与える影響

*許山伸弘, 久保香織, 山口健一*

*福岡リハビリテーション病院リハビリテーション部*
Healthcare encounters and return to work: A qualitative study of sick-listed patients’ experiences
Marine Sturesson1, Annie Hansen Falkdal1, Curt Edlund1, Birgitta Bernspang1
1Community Medicine and Rehabilitation/Occupational Therapy, Umea University, Sweden, 2Department of Health Sciences, Mid Sweden University

Participation in community leisure among children with physical disabilities: a qualitative synthesis of parents’ views
Nina Kohelmainen1, Maureen Bult1, Hennie Boeije2, Marjolijn Ketelaar2
1Newcastle University, 2Rehabilitation Centre de Hoogstraat, 3University of Utrecht, 4Vrije Universiteit Amsterdam

Approach in community in homevisit nursing care station: Occupational therapist’s role in self help group (SHG)
Kazuhiko Tatsumi1
1UT homevisit nursing care station

Long term follow up system for hearing impaired children
Kahorushimotomi1, Masako Notoya2, Hiromi Harada3, Makoto Ito4, Tomokazu Yoshizaki4
1Graduate School of Medical Sciences, Kanazawa University, 2College of Health Sciences, Kanazawa University, 3Rehabilitation department, Seirei University, 4College of Medical sciences, Kanazawa University

Characteristics of Supporting Group Collaboration with Higher Cortical Dysfunction: in Case of Nakasorachi District of Hokkaido on the Basis of Literature Review
Yukako Asano1, Daiki Dobashi2, Mitsu Nakamura3, Mariko Nakamura4, Toshiaki Muraki5
1Department of Rehabilitation, Takikawa Neurosurgery Hospital, 2School of Health Sciences, Sapporo Medical University, 3Department of Occupational, Ibaraki Prefectural University of Health Sciences

A survey on the use of public transport by people with higher brain dysfunction
Mineko Shinoda1, Tsuyoshi Nakayama1, Atsushi Ito2, Kazutaka Ueda2, Ichiro Yamasaki3
1Occupational Therapy Dept., Koriyama Institute of Health Sciences, 2Rehabilitation engineering Lab., Rehabilitation Center for Persons with Disabilities, 3Developmental center, KDDI R&D Laboratories, 4Graduate School of Engineering, University of Tokyo, 5Social study research center, University of Tokyo

Assessment of cognitive communication disorders after traumatic brain injury by written discourse analysis
Kyoko Sano1
1Department of rehabilitation, Hyogo university of health sciences

The OT Role in helping farmers with disabilities: A new state affiliate of the National AgrAbility Project
Mary W. Hildebrand
Department of Occupational Therapy, East Carolina University

A survey on the use of public transport by people with higher brain dysfunction
Mitsuo Nakamura1, Tsuyoshi Nakayama1, Atsushi Ito2, Kazutaka Ueda2, Ikuoko Sugawara3
1Occupational Therapy Dept., Koriyama Institute of Health Sciences, 2Rehabilitation engineering Lab., Rehabilitation Center for Persons with Disabilities, 3Developmental center, KDDI R&D Laboratories, 4Graduate School of Engineering, University of Tokyo, 5Social study research center, University of Tokyo

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PCP 19-21 9:00~10:00
Asset Based Community Development: an innovative way for OT to address occupational deprivation and exclusion in our communities
Catherine Webster¹
¹Health and Happiness

PCP 19-22 14:00~15:00
Making Art: Meaningful engagement for community dwelling adults with developmental disabilities
Anne Cronin¹, Mary Luckini¹,², Brittany Myers¹
¹Occupational Therapy, West Virginia University, ²Leadership in Neurodevelopmental Disabilities, West Virginia University Center for Excellence in Disabilities

PCP 19-23 9:00~10:00
In home care, visit rehabilitation which supported the self dietary intake of amyotrophic lateral sclerosis patient who continued to reject the tracheotomy surgery
Masahiro Kitabayashi¹, Takafumi Ohta²
¹Rehabilitation technology department, Ina Central Hospital, ²Department of Rehabilitation, visit, Kakeyu Misayama Rehabilitation Center

PCP 19-24 14:00~15:00
Planning Outdoor Activities for Homebound Disabled Persons in Snowy Cold Regions: Comparison between Summer and Winter
Tetsuyoshi Sakaue¹
¹Department of Occupational Therapy, Nihon Welfare and Rehabilitation School

PCP 19-27 9:00~10:00
Spinal injury prevention campaign
Ramona Mieze¹,², Filip Bernadskis¹,², Anda Nulle¹, Janis Urtans²
¹SCI Patient Rehabilitation programme, National Rehabilitation centre “Vaivari”, ²Prevention programme, Latvian Spinal Cord Injury Society

PCP 19-28 14:00~15:00
Family quality of life when there is a child with a disability: Using FQOL to measure outcomes in an Australian context - a scoping review
Anoo Bhopti¹,², Ted Brown¹, Primrose Lentin²
¹Occupational Therapy, Latrobe University, ²Occupational Therapy, Monash University

PCP 19-29 9:00~10:00
Community Partnership: Life Skills Transition and Education Program for Homeless Men (L-STEP)
Dorothy Peterson Bethea¹
¹Occupational Therapy Department, School of Health Sciences, Winston-Salem State University

PCP 19-30 14:00~15:00
AWARENESS ABOUT NON-DISABILITY SPORT: A STUDENT PROJECT
Seyda Saray¹, Zelilha Candas¹, Sinem Karš¹, Cigdem Oksuz¹, Esra Ak¹
¹Faculty of Health Sciences Occupational Therapy Dept., Hacettepe University, ²Faculty of Health Sciences Physical Therapy and Rehabilitation Dept., Hacettepe University

PCP 19-31 9:00~10:00
Effect of a Home Telecare Program on Oral Health among Adults with Tetraplegia: A Pilot Study
Hon Yuen¹
¹UAB

PCP 19-32 14:00~15:00
Prevalence of ADHD and the Quality of life and coping of caregivers of ADHD children from a special school in Anand Gujarat India
Jaishree Ganjiwale¹, Deepak Ganjiwale², Brajesh Mishre², Bharti Sharma¹
¹CRS, psmc, ²physiotherapy, KMIPP, shree krishna hospital, ³OCCUPATIONAL THERAPY COLLEGE, APIMS, ⁴psychiatric, PSMC
9:00～10:00
Community Transition Planning for Adolescents: Going Beyond Checklists. How to Check in Before They Check Out

Esther Suh1, Arameh Anvarizadeh1
1Los Angeles Department of Public Health, California Children’s Services

14:00～15:00
Driving hazard perception in adults with Acquired Brain Injury (ABI): laboratory, driving simulator and on-road test performance

Rachel Kizony1,2, Gabi Zelig2, Barbara Mazer1,4, Tal Orn-Gilad3, Naomi Josman1
1Occupational Therapy, University of Haifa, Israel. 2Neurological Rehabilitation, Sheba Medical Center, Tel Hashomer, Israel. 4School of Physical and Occupational Therapy, McGill university, Montreal, Canada. 3CIRR-Jewish Rehabilitation Hospital, QC, Canada. 4Industrial Engineering and Management, Ben Gurion University of the Negev, Israel.

9:00～10:00
Social occupational therapy and the relationship with sexuality, gender and identity experiences of young transvestites in Sao Carlos, Brazil

Gustavo Monzelli1, Roseli Lopes2
1Integrated Education in Health Department, Federal University of Espirito Santo, 2Occupational Therapy Department, Federal University of Sao Carlos

14:00～15:00
Exploring the Cognitive Orientation to daily Occupational Performance (CO-OP) for children with motor coordination problems in community practice in Oslo, Norway

Linda Stigen1, Ida Weydahl1
1Rehabilitation, Oslo municipality, Bjerke district

9:00～10:00
A Change in a Client and Family Relationship through an Occupation-Based Intervention

Noriko Nakazawa1, Yaoi Matsubara1, Yumiko Nakagawa1
1Rehabilitation Dept., Iwakuni City Medical Center Association Hospital

9:00～10:00
Research about introduction and maintenance for communication aids for sever motor disabled

Hiroyuki Awazawa1, Tomokazu Higuchi1, Yujiro Tanaka2, Yoko Kobayashi1
1Rehabilitation Dept., National Center of Neurology and Psychiatry, 2Tokyo YMCA college of human care. 3Tokyo association of occupational therapists

9:00～10:00
VALIDITY OF THE TEXT-MINING METHOD FOR IDENTIFYING AWARENESS STUDIES OF THE CONDITIONS OF EARLY-ONSET DEMENTIA PATIENTS IN REGIONAL REHABILITATION AND CARE FACILITIES

Nozomu Ikeda1, Yasushi Ohyama2, Satoo Ichihara-Takeda1, Takanumi Morimoto1
1School of Health Sciences, Sapporo Medical University. 2Bioproduction Research Institute, National Institute of Advanced Industrial Science and Technology

9:00～10:00
Discussion on Job Searches: Focusing on Three Aspects of Employment

Makoto Tapa1, Kenzo Haraguchi1
1School of Health Sciences at Fukuoka, International University Of Health And welfare

6/19 (Thu) Poster Session

June 19 (Thu) Poster Session

9:00～10:00

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16th International Congress of the World Federation of Occupational Therapists in collaboration with the 48th Japanese Occupational Therapy Congress and Expo

PCP 19-33

PCP 19-34

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PCP 19-39

PCP 19-40

PCP 19-41

PCP 19-42

PCP 19-43

PCP 19-44
Providing for Our Futures: The Reciprocal Relationship Between Food Growing Projects and Occupational Therapy
Simone Coetzee, Elizabeth Anne McKay, Wendy Bryant, Lindsey Nicholls
School of Health Sciences and Social Care, Brunel University

A study on children with disabilities of home visit in Ben Tre province, south Vietnam
Miho Koike, Yoko Nishimura
The Support of Vietnam Children Association, Department of rehabilitation, Nishieigasima hospital, Generous co., house visiting nurse station

Youths and drug use: dialogues with the Social Occupational Therapy
Giovanna Bardi
Federal University of Espirito Santo

Effects of the psychoeducation program on the outcome of schizophrenic inpatients: Focusing on subjective well-being
Ayumi Shinozaki, Takaaki Ota, Mieko Okada, Yukina Hanada, Megumi Itakura
Department of Rehabilitation, Seiwakai Nishikawa Hospital, Graduate School of Biomedical and Health Sciences, Hiroshima University, Department of Medical Service and Examination, Seiwakai Nishikawa Hospital, Department of Neuropsychiatry, Matsue City Hospital

Evaluation of occupational therapy in patients with depression in coping with their everyday life: Does occupational therapy for patients with depression help them coping with everyday life?
Yvonne Treusch, Nadine Saxer, Julie Page, Theresa Witschi
School of Health Professions, Institute of Occupational Therapy, ZHAW, Zurich University of Applied Sciences, Switzerland, Department of Occupational Therapy, University Hospital Zurich, Department of Psychiatry and Psychotherapy, Switzerland

The effects of Phoenix Cup Games, a Taiwan national exercise competition, on fitness of people with severe mental illness
Wan-Ju Huang, Han-Yi Hsiao
Department of Occupational Therapy, Jianan mental hospital

Experience of the psychiatric occupational therapy to a suicide attempt case: From a relationship with an adolescent patient presenting with multiple trauma caused by jumping off
Tetsuya Yoshida, Yuko Tomiyama, Ryoji Nishimura
Department of Psychiatry, Faculty of Medicine, Fukuoka University

自殺企図症例に対する精神科作業療法の経験-飛び降りによる多発外傷を呈した思春期患者への関わりを通して
吉田哲也, 高山美子, 西村良一
福岡大学医学部精神医学教室
PMH 19-7  9:00~10:00
Assessment of Cognitive Dysfunction in Clients with Schizophrenia: A Relevance Study between the Make-a-Box-Test Battery and the Brief Assessment of Cognition in Schizophrenia-Japanese Version

Yusuke Inagaki1, Eri Ishikawa2, Takeshi Shimada3, Sachie Fukushima1, Noriko Tomioka3
1Nagano Prefectural Mental Wellness Center - Komagane, 2Shinshu University Hospital, 3Takizawa Hospital, 4School of Health Sciences, Shinshu University, 5Shinshu University, Professor Emeritus

PMH 19-8  14:00~15:00
The ActiVate Collaboration Evaluating Evidence Based Vocational Rehabilitation Services

Susan Prior1, Kirsty Forsyth1, Lynn Ritchie2, Alison Meiklejohn1, Linda Irvine2
1Firefly Research, Queen Margaret University, 2Mental Health, NHS Lothian

PMH 19-9  9:00~10:00
The effect of creative work in occupational therapy

Sanae Hatada1, Masaki Sogo1, Tomoyuki Fukuoka2, Miwa Inoue1, Ken Sawada4
1Tosa Rehabilitation College, 2Graduate School of Integrated Arts and Sciences Doctor’s Course, Kochi University, 3Graduate School of Integrated Arts and Sciences Master’s Course, Kochi University, 4Kochi Prefectural Aki General Hospital

PMH 19-10  14:00~15:00
Survey of psycho-educational needs of schizophrenia

Asami Takamatu1, Takeshi Shimada1, Noriko Tomioka2
1Medical Corporation Seitaikai Takizawa Hospital, 2Professor Emeritus, Shinshu University

PMH 19-11  9:00~10:00
Support in school and the transition to further education and/or work young adults with Asperger’s Disorder and ADHD

Vedrana Bolic1, Kristina Hellberg2, Anette Kjellberg2, Helena Hemmingsson1
1Department of Social and Welfare Studies, Faculty of Health Sciences, Linkoping University, Sweden, 2Department of Behavioural Sciences and Learning, Linkoping University, Sweden

PMH 19-12  14:00~15:00
Occupational therapy for patients with depression during the early recovery stage

Eri Ishikawa1, Kojiro Kawano1, Sachie Fukushima1, Masayoshi Kobayashi1, Noriko Tomioka3
1Rehabilitation Dept., Shinshu University Hospital, 2School of Health Sciences, Faculty of Medicine, Shinshu University, 3Professor Emeritus, Shinshu University

PMH 19-13  9:00~10:00
A Meaning and Psychological Effect of Watching The High School Baseball Championship in The Psychiatric Group Program

Yosuke Seike1
1Department of Occupational Therapy, Gosikidai Hospital

PMH 19-14  14:00~15:00
Self-awareness of Everyday Memory Deficits in Schizophrenia

Yi-Hsuan Hung1, Pei-Luen Tsai1, Ting-Hui Lee1
1Department of Occupational Therapy, National Cheng Kung University, 2Department of Health, Tainan Hospital, Executive Yuan, Taiwan, R.O.C.
Animal-assisted therapy for inpatients with severe schizophrenia: A controlled study
Kanako Takahashi, Kei Houjo, Yuuko Maeda, Ryuuuya Shimotanaka, Kenya Ishida
1 OT, Social medical corporation Mastudaira Hospital, 2 Dog Garden Chaikanha, 3 Health and Welfare Department of Social Welfare Faculty of Health Sciences, Aomori University

Art as Therapy: Occupational therapists opinions on aspects of treatment for patients suffering from depression
Christina Blomdahl, Anita Bjorklund, Birgitta Gunnarsson, Suzanne Guregd
1 Research school of Health and Welfare, Jonkoping University, School of Health Sciences, 2 Psychiatric Clinic, Sodra Alvsborg Hospital Boras, 3 Unit for Research and Development, Kronoberg County Council, 4 Department of Rehabilitation, Jonkoping University, School of Health Sciences

Effect of Occupational Therapy in Schizophrenia Patients with Severe Negative Symptoms: Using a randomized controlled study design
Eri Tatsumi, Kayano Yotsumoto, Takeshi Hashimoto
1 Department of Rehabilitation Sciences, Kansai University of Welfare Sciences, 2 Department of Rehabilitation Science, Kobe University Graduate School of Health Sciences

Correlation of social cognitive function, non-verbal intelligence and frontal lobe function in patient with chronic schizophrenia
Saiji Nishida, Sena Hashimoto, Takeshi Nishikawa
1 Faculty of rehabilitation, Shijonawate Gakuen University, 2 OT room, Kitamachi clinic, 3 School of Comprehensive Rehabilitation, Osaka Prefecture University

Roles of activities and interactions with others for hikikomori: Observations on current practices and interviews with hikikomori
Yuri Sasaki, Hiroshi Yamane
1 Daycare Dept, Kyoto University Hospital, 2 Graduate School of Medicine, Kyoto University

Developing of "Early Stage Adaptation Questionnaire" clinical version for a psychiatric day care: The item analysis of daycare users of the clinical trial version
Eiichiro Uehara, Takashi Yamada, Yoshihiko Inishita
1 Department of Occupational Therapy, University of Tokyo Health Sciences, 2 Research student of the Department of Occupational Therapy, Graduate School of Human of health Science, Tokyo Metropolitan University, 3 Graduate School of Rehabilitation Science, Graduate School of Human Health Sciences, Metropolitan University, 4 Division of Community-Based Occupational Therapy, Graduate School of Human of Health Sciences, Tokyo Metropolitan University

All contributions have been reviewed by the International Program Committee and are recommended for publication.
**Effect of psychoeducation on long-term inpatient in psychiatric hospital**

Makoto Kawata

Occupational Therapy Room, Tanabe Hospital

**Necessity and effectiveness of intervention in making up by occupational therapy: A questionnaire survey to psychiatric Occupational therapists**

Hitomi Ishibashi, Yoshikazu Ishii, Yu Ishibashi, Keiichi Saruwatari, Chonhi Kin

School of Health Sciences, Tokyo University of Technology, Faculty of Health Sciences, Tokyo Metropolitan University, Innovative Beauty Science Laboratory, Kanebo Cosmetics Inc

**Factors associated with the prevention of disease recurrence in patients with depression**

Kojiro Kawano, Eri Ishikawa, Sachie Fukushima, Masayoshi Kobayashi

Rehabilitation Dept., Shinsyu University Hospital, School of Health Sciences, Faculty of Medicine, Shinsyu University

**Occupational therapy for a patient with schizophrenia and high-functioning pervasive developmental disorder**

Shinichiro Kobayashi, Yoshiko Kuwahara, Yuka Moribe, Kenzo Haraguchi

Rehabilitation Dept., Tateiwa Hospital, Department of Occupational Therapy, Fukuoka Rehabilitation College, Department of Occupational Therapy, International University of Health and Welfare

**What are the factors that affect early attendance of the psycho-education programs for in-patients with depressive disorders?**

Sachie Fukushima, Eri Ishikawa, Kojiro Kawano, Masayoshi Kobayashi, Noriko Tomioka

Department of Occupational Therapy School of Health Sciences, Shinshu University, Department of Rehabilitation, Shinshu University Hospital, Shinshu University

**Effects of goal-oriented occupational therapy on cognitive dysfunction in schizophrenia**

Takeshi Shimada, Masayoshi Kobayashi, Noriko Tomioka

Medical Corporation Seitaihikai Takizawa Hospital, School of Health Sciences, Faculty of Medicine, Shinshu University, Professor Emeritus, Shinshu University

**Occupational therapy interventions for a patient with epileptic psychosis who could not adjust in a psychiatry day-care activities**

Yoshiko Kuwahara, Shinichiro Kobayashi, Kenzo Haraguchi

Rehabilitation Dept., Tateiwa Hospital, Department of Occupational Therapy, International University of Health and Welfare

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Rehabilitation Dept., Tateiwa Hospital, Department of Occupational Therapy, Fukuoka Rehabilitation College, Department of Occupational Therapy, International University of Health and Welfare
The utility of an occupational therapy program that in strengthens strengthening the desire and confidence to of the psychiatric in patients leaving hospital for discharge
Ken Okutani1, Masahiro Inoue2, Mikio Kuroe3, Hiroyuki Inadomi3
1Department of Occupational Therapy, Hyogo University of Health Sciences, 2Department of occupational therapy, Okkou Hospital, 3school of comprehensive Rehabilitation, Osaka Prefecture University

Ambulatory occupational therapy for a patient with social anxiety disorder who started university: The effect of simultaneous cognitive-behavioral therapy
Hiroaki Ohno1, Junko Tanaka1, Keiko Inoue1
1Department of Rehabilitation, Faculty of Health Sciences, Kawasaki University of Medical Welfare

Coping Patterns and their impacts on parenting stress in caregivers of children with cerebral palsy
Chien-Yu Huang1, Mei-Hui Tseng2, Kuan-Lin Chen1
1School of Occupational Therapy, National Taiwan University College of Medicine, 2School of Occupational Therapy, National Cheng Kung University College of Medicine, 3Rehabilitation Dept., National Taiwan University Hospital

The Factors Affecting the Performance of the Patients with Serious Mental Illness in the Sheltered Workshops
Ting Kao1, Ling-Ying Wang1, Fang-Chun Ko1, Shang-Hua Lin1, Yi-Hsuan Tang1
1Dept. of Occupational Therapy, Jianan Mental Hospital

An Occupational Therapy Approach Based on Behavioral Activation for Patients with Dysthymia Accompanied by Severe Depression
Hiroko Yamaguchi1, Sho Adachi1, Maki Ueda1, Naoki Fujimoto1, Motohiro Hamada1
1Occupational Dept., Arima Kogen Hospital

What I learned from the group psychotherapy approach in the closed surveillance: The trial of the qualitative analysis by M-GTA
Masumi Kataoka1, Tomomi Kimura1, Horoyuki Noguchi1
1occupational therapy division, Public utility foundation corporation Inokashira hospital

PMH 19-31 9:00～10:00
The acceptance process of a client discharged after long-term hospitalization looking for work
Rumi Sunohara1
1Department of Occupational Therapy, Nagano Rehabilitation College

PMH 19-32 14:00～15:00
Ambulatory occupational therapy for a patient with social anxiety disorder who started university: The effect of simultaneous cognitive-behavioral therapy
Hiroaki Ohno1, Junko Tanaka1, Keiko Inoue1
1Department of Rehabilitation, Faculty of Health Sciences, Kawasaki University of Medical Welfare

PMH 19-33 9:00～10:00
Coping Patterns and their impacts on parenting stress in caregivers of children with cerebral palsy
Chien-Yu Huang1, Mei-Hui Tseng2, Kuan-Lin Chen1
1School of Occupational Therapy, National Taiwan University College of Medicine, 2School of Occupational Therapy, National Cheng Kung University College of Medicine, 3Rehabilitation Dept., National Taiwan University Hospital

PMH 19-34 14:00～15:00
Occupational therapy for a patient with a combination of depression and addiction: A case study
Takanori Egami1, Kazuya Sakai1,2, Kenzaburo Nishiwaki1
1Nishiwaki Hospital, 2Rehabilitation Dept., Seijoh University

PMH 19-35 14:00～15:00
The Factors Affecting the Performance of the Patients with Serious Mental Illness in the Sheltered Workshops
Ting Kao1, Ling-Ying Wang1, Fang-Chun Ko1, Shang-Hua Lin1, Yi-Hsuan Tang1
1Dept. of Occupational Therapy, Jianan Mental Hospital

PMH 19-36 14:00～15:00
An Occupational Therapy Approach Based on Behavioral Activation for Patients with Dysthymia Accompanied by Severe Depression
Hiroko Yamaguchi1, Sho Adachi1, Maki Ueda1, Naoki Fujimoto1, Motohiro Hamada1
1Occupational Dept., Arima Kogen Hospital
**Living the Leadership Challenge : A personal journey**

Gabrielle Richards

*Corporate Occupational Therapy, The South London and Maudsley NHS Foundation Trust*

**Subjective Well-Being under Neuroleptic Drug Treatment Short Form -Japanese Version (SWNS-J) and Rehabilitation Evaluation Hall And Baked (REHAB) as generic social skills measures**

Takuya Yamada, Ken Okutani, Hiroshi Sakamoto, Tokuzu Matsui

*Department of Occupational Therapy School of Rehabilitation, Hyogo University of Health Sciences*

**Evaluation Hall And Baked (REHAB) as generic social skills measures**

**Clinical Utility of Assessment Form for Psychiatric Occupational Therapy in Our Hospital : To visualize and share patients' ability of occupational performance**

Takayuki Kawaguchi, Akemi Yamamoto, Etsuko Satou, Youko Shirakihara, Michinari Fukuda

*Occupational Therapy Course, Faculty of Rehabilitation, School of Allied Health Sciences, Kitasato University, Rehabilitation Services Administration, Kitasato University East Hospital*

**Emotion Spectrum Analysis Method (ESAM) using EEG under Conditioned reflex control technique (CRCT) operation**

Hideki Horiga, Sinji Hira, Kazuhiro Koyanagi, Toshimitsu Musha, Mieko Tanaka

*Rehabilitation Dept., Azumi General Hospital, School of Health Sciences, Faculty of Medicine, Shinshu University*

**Anxiety in the flow model for daily activities of elderly people**

Masami Yasunaga, Norikazu Kobayashi

*Graduate School of Human Health Sciences, Tokyo Metropolitan University, Department of Occupational Therapy, Faculty of Health Science Technology, Bunkyo Gakuin University*

**Effectiveness of a Neuropsychological Educational Approach to Cognitive Remediation for patients in a forensic psychiatric ward**

Kenzo Iwano, Masayoshi Kobayashi

*National Hospital Organization Komorokogen Hospital, Graduate School of Medicine, Shinshu University*

**Development of a Performance Test Battery for Assessing Cognitive Function in Patients with Mental Disorders**

Nami Matsumura, Dai Chiba, Rei Honda, Masayoshi Kobayashi

*Rehabilitation Dept., Azumi General Hospital, School of Health Sciences, Faculty of Medicine, Shinshu University*

**Is It Deficient in Theory of Mind among Unemployed People with Schizophrenia?**

Hsin-yen Wu

*Department of Psychiatry, Far Eastern Memorial Hospital, Taiwan, R.O.C, Institute of Allied Health Sciences, National Cheng Kung University, Taiwan, R.O.C*
The contributions of autonomy support, structure and perceived challenge on facilitating flow experience in persons with schizophrenia

Lin-Jye Huang¹, Chinyu Wu¹, Yi-Hong Yang¹, Shu-Chun Lee¹, Kuan-Yu Lai¹
¹Department of Psychiatry, Taipei City Hospital Yangming Branch, Taipei, Taiwan

The Impact of Being in a Long Term Committed Relationship and the Psychological Resiliency of Breast Cancer Survivors

Joanne Park¹, Shaniff Esmaifi², Yagesh Bhambhani²
¹Rehabilitation Medicine, University of Alberta, ²Occupational Therapy, University of Alberta

Use of Supportive strategies to improve employment for clients with chronic mental disorders

Jen-Suh Chen¹, Yin-Shan Yen¹, Lina Tsao¹, Tzung-Jeng Hwang¹
¹Chang Gung University, ²Department of Psychological Medicine, National Taiwan University Hospital

Effectiveness of the interdisciplinary PBL tutorial as an educational program for team approach to health care

Hisayoshi Suzuki¹, Ryuta Kataoka¹, Mitsuori Mayahara², Rintaro Imafuku³
¹Occupational Therapy Department, YMCA College of Medical and Human Services in Yonago

Grief care for the family following the death of a child from cancer

Daisuke Kawagoe¹, Ayaka Tanaka¹, Yuko Kubo¹, Hiroaki Kimura²
¹Division of Clinical Support, Hiroshima University Hospital, ²Department of Rehabilitation, Hiroshima University Hospital

Enhancing Accessibility of Visual Information via Sound

Orit Shenkar¹, Daniel Algomi²
¹Occupational Therapy Dept., Ono Academic College, ²Psychology Dept., Tel-Aviv University

Identification of contents for a competency-based behavior assessment in occupational therapists

Tamami Aida¹,²
¹Faculty of Health Science, Meijiro University, ²Graduate School of Rehabilitation, Meijiro University
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<th>Mentoring: A Student’s Healthy Way of Coping Towards Professional Practice</th>
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<td>Michael Sy&lt;sup&gt;1&lt;/sup&gt;</td>
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<th>Improving quality in practice placements in allied health (IQIPP-AH Guides)</th>
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<td>Sylvia Rodger&lt;sup&gt;1&lt;/sup&gt;, Anne Maree Caine&lt;sup&gt;1&lt;/sup&gt;, Wendy Davilla&lt;sup&gt;1&lt;/sup&gt;, Linda Cartmill&lt;sup&gt;1&lt;/sup&gt;</td>
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<th>Embedding Ethics, Justice and Care in Occupational Therapy Curricula</th>
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<td>Antoine Bailliard&lt;sup&gt;1&lt;/sup&gt;, Susan Coppola&lt;sup&gt;1&lt;/sup&gt;, Lauren Holahan&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>Department of Allied Health, Division of Occupational Science and Occupational Therapy, University of North Carolina at Chapel Hill</td>
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<th>Process Oriented Guided Inquiry Learning: A Natural Fit for Occupational Therapy Education</th>
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<td>Lynn Jaffe&lt;sup&gt;1&lt;/sup&gt;, Robert Gibson&lt;sup&gt;1&lt;/sup&gt;, Mariana D’Amico&lt;sup&gt;1&lt;/sup&gt;</td>
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<th>Kawa Mobile App: A Mobile Application for the Gathering, Collating and Sharing of Information via the River Metaphor</th>
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<td>David Nixon&lt;sup&gt;1,2&lt;/sup&gt;, Michael Kenko Iwama&lt;sup&gt;3&lt;/sup&gt;</td>
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<td>Kawa Creative, British Association of Occupational Therapists, Occupational Therapy, Georgia Regents University</td>
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<th>Meeting the demands from the field of health care publishing: A Canadian perspective</th>
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<td>Janet M. Craik&lt;sup&gt;1&lt;/sup&gt;, Jane A. Davis&lt;sup&gt;1,2&lt;/sup&gt;, Helene J. Polatajko&lt;sup&gt;1,2&lt;/sup&gt;, Claudia von Zweck&lt;sup&gt;1&lt;/sup&gt;</td>
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<th>How can an entrepreneurial mind-set be encouraged among Occupational Therapy students? An example from Linkoping University, Sweden</th>
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<td>Jane Holstein&lt;sup&gt;1&lt;/sup&gt;, Kristin Alfredsson Agren&lt;sup&gt;1&lt;/sup&gt;</td>
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<th>Learning Together: The Linguistic, Cultural, and Disciplinary Border Crossings of an Occupational Therapy and Foreign Language Education Collaboration</th>
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<td>Tamera Humbert&lt;sup&gt;1&lt;/sup&gt;, Charla Lorenzen&lt;sup&gt;1&lt;/sup&gt;</td>
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<th>Developing Marketing Skills with Occupational Therapy Students</th>
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<td>Samantha Shann&lt;sup&gt;1&lt;/sup&gt;, Lindsay Courtney&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>Faculty of Health and Life Sciences, Northumbria University, UK, Occupational Therapy Services, South Tyneside NHS Trust, UK</td>
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| PED 19-18 | 14:00~15:00 | Translating and adapting functional assessments for use in a new context: a balancing act | Experiences from the discussions in a review committee |
|-----------|-------------|-------------------------------------------------------------------------------------|
|           |             | Christina Schulze<sup>1,2</sup>, Julie Page<sup>1</sup>, Anders Kottorp<sup>2</sup>, Margareta Lilja<sup>1,3</sup> |
|           |             | School of Health Professions, Institute of Occupational Therapy, Zurich University of Applied Sciences, Departement of Neurobiology, Care Sciences and Society, Division of Occupational Therapy, Karolinska Institutet Stockholm, Sweden, Departement of Health Sciences, Lulea, Sweden, Lulea University of Technology |

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<th>Dissemination: Bringing Translational Research to Completion</th>
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<td>Florence Clark&lt;sup&gt;1&lt;/sup&gt;, Daniel Park&lt;sup&gt;1&lt;/sup&gt;, Janice Burke&lt;sup&gt;2&lt;/sup&gt;</td>
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<th>An innovative approach to the development of a bridging program for internationally-educated occupational therapists looking to practice in Quebec</th>
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<td>Guylaine Dufour&lt;sup&gt;1&lt;/sup&gt;, Louise Tremblay&lt;sup&gt;1&lt;/sup&gt;, Lise Poissant&lt;sup&gt;2&lt;/sup&gt;, Marc Rouleau&lt;sup&gt;2&lt;/sup&gt;, Sylvie Janelle&lt;sup&gt;1&lt;/sup&gt;</td>
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<td>Ordre des ergotherapeutes du Quebec, Occupational Therapy Program, Universite de Montreal</td>
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<td>PED 19-21</td>
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<td><strong>Capacity building in European Master of Science Program in OT Perspectives from Swiss employers</strong>&lt;br&gt; Franziska Wirz&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; ZHAW University of Applied Sciences Winterthur Switzerland</td>
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<td><strong>Study on the Perceptions of OT Professionals and Students in China on “Occupation”</strong>&lt;br&gt; Fuibiao Huang&lt;sup&gt;1&lt;/sup&gt;, Yeong-Ae Yang&lt;sup&gt;2&lt;/sup&gt;, Fusae Ishibashi&lt;sup&gt;1&lt;/sup&gt;, Hisako Shinkawa&lt;sup&gt;1&lt;/sup&gt;, Nobuhiro Nara&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;Department of Occupational Therapy, China Rehabilitation Research Center, Beijing, China, &lt;sup&gt;2&lt;/sup&gt;Jinje University, Korea, &lt;sup&gt;3&lt;/sup&gt;School of Health Sciences at Fukuoka, International University of Health and Welfare, Japan, &lt;sup&gt;4&lt;/sup&gt;School of Health Sciences, Tokyo University of Technology, Japan</td>
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<td><strong>Association between non-cognitive skills and performance in academic learning and clinical training</strong>&lt;br&gt; Kiyomi Sato&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; Department of Occupational Therapy, Nagasaki Rehabilitation College</td>
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<td><strong>Development of a clinical practice ability checklist guiding occupation-focused objectives for newly qualified occupational therapists</strong>&lt;br&gt; Masahiro Ogawa&lt;sup&gt;1&lt;/sup&gt;, Naoko Kimura&lt;sup&gt;2&lt;/sup&gt;, Ayumi Nishioka&lt;sup&gt;1&lt;/sup&gt;, Tatsunori Sawada&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;Department of rehabilitation, IMS Itabashi rehabilitation hospital, &lt;sup&gt;2&lt;/sup&gt;Department of health science, University of Tokyo health science</td>
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<td><strong>Reflection in Canadian Occupational Therapy Education</strong>&lt;br&gt; Lorie Shimmell&lt;sup&gt;1&lt;/sup&gt;, Jacqueline Bull&lt;sup&gt;1&lt;/sup&gt;, Katelin Wakefield&lt;sup&gt;1&lt;/sup&gt;, Bonny Jung&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;School of Rehabilitation Science - Master of Science in OT, McMaster University</td>
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<td><strong>Establishing a scholarship-of-practice partnership between a university and an assistive technology provider. The journey and key lesson to be shared</strong>&lt;br&gt; Lisa Knightbridge&lt;sup&gt;1&lt;/sup&gt;, Louise Farnworth&lt;sup&gt;1&lt;/sup&gt;, Cath Williams&lt;sup&gt;2&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;Faculty Medicine, Nursing and Health Sciences, Department of Occupational Therapy, Monash University, &lt;sup&gt;2&lt;/sup&gt;Yooralla’s Independent Living Centre, Victoria</td>
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<td><strong>Globally Connecting University Students Through Telecommunication</strong>&lt;br&gt; Asha Asher&lt;sup&gt;1&lt;/sup&gt;, Joanne Estes&lt;sup&gt;1&lt;/sup&gt;, Valerie Hill&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;Sycamore Community Schools, &lt;sup&gt;2&lt;/sup&gt;Department of Occupational Therapy, Xavier University, &lt;sup&gt;3&lt;/sup&gt;Department of Occupational Therapy, Xavier University</td>
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<td><strong>Effect of the Study Tour to Developing Countries on Students</strong>&lt;br&gt; Iku Tsui&lt;sup&gt;1&lt;/sup&gt;, Aya Yoshida&lt;sup&gt;1&lt;/sup&gt;, Hajime Adachi&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;Department of Rehabilitation Science, Osaka Health Science University</td>
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<td><strong>Collaboration In Action Project: Students Partner with Health Care Mentors to achieve Interprofessional Competency</strong>&lt;br&gt; Anne L’Oriordan&lt;sup&gt;1&lt;/sup&gt;, Jo-Anne Peterson&lt;sup&gt;1&lt;/sup&gt;, Jeanette Parsons&lt;sup&gt;1&lt;/sup&gt;, Bill Meyerman&lt;sup&gt;1&lt;/sup&gt;, Debbie Docherty&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;Office of Interprofessional Education and Practice, Queen’s University, &lt;sup&gt;2&lt;/sup&gt;School of Nursing, Queen’s University</td>
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<td><strong>Evaluating the dialogical and participatory process within a community of practice in occupational therapy</strong>&lt;br&gt; Sandra Maria Galheigo&lt;sup&gt;1&lt;/sup&gt;, Claudia Pellegrini Braga&lt;sup&gt;1&lt;/sup&gt;&lt;br&gt; &lt;sup&gt;1&lt;/sup&gt;Department of Physiotherapy, Communication Science and Disorders, Occupational Therapy/Faculty of Medicine, University of Sao Paulo</td>
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### PED 19-31  9:00~10:00

**Promoting mental health on campus by students**

Michael Lee¹, Tal Jarus¹

¹Department of Occupational Science and Occupational Therapy, University of British Columbia

### PED 19-33  9:00~10:00

**Report of the inter-professional clinical practice: Role of occupational therapy students in the program**

Hisayoshi Suzuki¹, Toyoko Nozaki¹, Yoshifumi Yamaguchi¹

¹Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences, Showa University

### PED 19-34  14:00~15:00

**A Clinical Decision-Making Tool for Transfer Assessment**

Debbie Herbet¹, Rhona Anderson¹, Jo-Anne Howe¹, Karen Brunton²,³

¹Collaborative Academic Practice and Education, Toronto Rehab Inst., University Health Network, ²Occupational Science and Occupational Therapy, University of Toronto, ³Physical Therapy, University of Toronto

### PED 19-36  14:00~15:00

**A study on the features of occupational therapy students’ recognitions of the elderly**

Toyoko Kurihara¹,², Minoru Shibui¹, Sigenobu Nagasaki¹, Youjirou Matsuzaki²,³, Yoshinobu Tanaka²,³,⁴

¹Dept. of Occupational Therapy, Faculty of Health Science Technology, Bunkyo Gakuin University, ²Graduate School of Health Care Science, Bunkyo Gakuin University, ³Kosumosu no Sato long-term care facility for the elderly, ⁴Harada Hospital

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### PRE 19-1  9:00~10:00

**Effect of interventional program for psychological distress of Family Caregivers of persons with Traumatic Brain Injury**

Yusuke Suzuki¹, Rumi Tanemura²

¹Department of Rehabilitation, Kinki University Faculty of Medicine, ²Faculty of Health Sciences, Kobe University Graduate School of Health Sciences

### PRE 19-2  14:00~15:00

**The role of the ventral premotor cortex for functional recovery of grasping after primary motor cortex lesion in macaque monkeys**

Yumi Murata¹, Noriyuki Higo¹

¹Human Technology Research Institute, The National Institute of Advanced Industrial Science and Technology (AIST)

### PRE 19-3  9:00~10:00

**Construction of the Clinical Reasoning Model Required for Acquisition of the Bathing Activity Evaluation Skill**

Yusuke Mizumoto¹, Masami Hidaka²

¹Rehabilitation Dept., Ishikawa Hospital, ²Hyogo University of Health Sciences

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A Preliminary Study of Factors Affecting Home Return of Stroke Patients with Higher Cortical Dysfunction  
Daiki Dobashi, Yuko Asano, Mitsu Nakamura, Mariko Nakamura, Toshiaki Muraki  
Rehabilitation Dept., Takikawa Neurosurgical Hospital, Department of Occupational Therapy, Sapporo Medical University of Health Sciences, Department of Occupational Therapy, Ibaraki Prefectural University of Health Sciences

Effectiveness of mild Alzheimer's disease patient's home-based cognitive activities assignments using a checklist  
Bo-Ra Park, Min-Su Park, Yeong-Ae Yang, Su-Min Cha, Yun-Hee Park  
Occupational Therapy Dept., Chonhae College of Health Sciences, Research Institute for Convergence of Biomedical Science and Technology Dept., Pusan National University Yangsan Hospital, Occupational Therapy Dept., Inje University, Occupational Therapy Dept., Youngnam Foreign Language College

Assessing occupational performance in Nursing homes in Sweden- a questionnaire study  
Maria Andreassen, Asa Larsson  
Halsouniversitetet Linkopings universitet, ISV, Halsouniversitetet Linkopings universitet, ISV

Studies on the physical self-efficacy and aging: Is the physical self-efficacy reduced by aging?  
Misato Yamashita, Aya Takeuchi, Kozi Naika, Satoshi Kondo  
Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences, Department of Nursing, Yamagata Prefectural University of Health Sciences

Disorder of color recognition in dementia with Lewy bodies  
Kenji Ishikawa, Hiromi Fuji, Tamio Keitoku, Junko Goto, Kazumi Hirayama  
Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences, Department of Nursing, Yamagata Prefectural University of Health Sciences

Usefulness of Event-Related Potentials in Patients with Mild Cognitive Impairment  
Kensuke Tokudome, Michio Yamaguchi, Yasuo Naito, Hiroshi Ando  
Osaka Kawasaki Rehabilitation University, Yamaguchi Clinic, Oska Prefecture University Graduate School, Kobe University Graduate School

Behavioural analysis of group activities among elderly individuals with dementia  
Takeshi Tokudome, Yuuko Tsumagari, Toshiro Fujimoto  
Rehabilitation Dept., Daigo Hospital, Rehabilitation Dept., Fujimoto General Hospital, Osaka Electro-Communication University, Fujimoto-Medical System

Assessing occupational performance in Nursing homes in Sweden- a questionnaire study  
Maria Andreassen, Asa Larsson  
Halsouniversitetet Linkopings universitet, ISV, Halsouniversitetet Linkopings universitet, ISV

Effectiveness of mild Alzheimer's disease patient's home-based cognitive activities assignments using a checklist  
Bo-Ra Park, Min-Su Park, Yeong-Ae Yang, Su-Min Cha, Yun-Hee Park  
Occupational Therapy Dept., Chonhae College of Health Sciences, Research Institute for Convergence of Biomedical Science and Technology Dept., Pusan National University Yangsan Hospital, Occupational Therapy Dept., Inje University, Occupational Therapy Dept., Youngnam Foreign Language College
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| **Effectiveness of top-down occupational therapy for subacute stroke patients: a randomized controlled pilot study**  
Kounosuke Tomori, Yuki Saito, Kanta Ohno, Hirofumi Nagayama, Toshio Higashiyama  
Graduate school of Kanagawa University of Human Services, Ohta Atami Hospital, Kitasato University, Division of Physical Therapy and Occupational Therapy Science, Graduate school of Health Science, Nagasaki University  
回復期脳卒中者に対するトップダウンアプローチに基づく作業療法の効果 \n予防的無作為化比較試験  
友利栄之介, 杉田修, 大野透太, 小関良史, 東 信治  
神奈川県立保健福祉大学 大学院, 田原病院, 東京大学, 京大医学部医薬学系総合研究所 |

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| **Does the snowfall decrease the step counts of older adults living in a heavy snowfall region?**  
Tomomi Harata, Mihoko Noda, Shuhei Koeda, Yuji Koike, Tsukasa Narita  
Graduate school of Health Sciences, Hirosaki University, Department of Occupational Therapy, Hirosaki University of Health and Welfare  
積雪は豪雪地帯に暮らす高齢者の歩数を減少させるか？  
尾田雅美, 野田美保子, 小枝啓平, 小池祐一, 成田伸生  
弘前大学大学院保健学研究科, 弘前医療福祉大学作業療法学科 |

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| **Occupational Therapy Group Program Effectiveness for Older People with Disabilities in a Nursing Home**  
Junya Shizawa, Kumiko Sasa, Toshiyuki Ishioka, Yumi Nakamura, Toyohiro Hamaguchi  
Department of Occupational Therapy, Souai Nursing Home, Graduate School of Health Science, Saitama Prefectural University  
介護老人保健施設の高齢障害者を対象とした集団作業療法の効果  
進藤隆也, 島崎久美子, 石上啓之, 中村雅一, 遠野豊太  
介護老人保健施設そうあい学習研究科, 埼玉県立大学保健医療福祉学研究科 |

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| **Efficacy of group reminiscence therapy involving cooking activities in elderly patients with dementia: A randomized controlled trial**  
Yukie Nawate, Toshikiso Nakata, Hitoshi Okamura  
Rehabilitation Dept., Nursing home Keisuisou, Rehabilitation Dept., Gouyuukai Morokuma Hospital, Graduate school of Health Sciences, Hiroshima University  
認知症高齢者に対する料理を取り入れたグループ回想法の有効性に関する研究ー無作為化比較試験  
深谷里美, 島村利子, 町村光  
介護老人保健施設並木リハビリテーション部, 介護老人保健施設そうあい学習研究科, 広島大学大学院保健学研究科 |

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| **Effects of aging on the cerebral blood flow responses in the prefrontal cortex during Verbal Fluency Task**  
Yumi Oboishi, Mitsuhi Kikuchi, Yoshiyuki Shimizu, Yasuomi Ouchi  
Department of Occupational Therapy, Faculty of Health Sciences, Hamamatsu University, Department of Biofunctional Imaging, Hamamatsu University School of Medicine, Research Center for Child Mental Development, Kanazawa University, Central Research Laboratory, Hamamatsu Photonics KK  
言語流暢性課題時前頭前野における脳血流反応への加齢の影響  
大友有美, 笠知, 清水景子, 高尾順之, 浅尾愛華  
浜松医科大学保健医療学部作業療法学科, 浜松医科大学学生生活機能イメージング研究室, 金沢大学子ども心の発達研究センター, 浜松ホトニクス中央研究所 |

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| **Clinical study of respiratory function and difference in pneumonia history for Alzheimer disease and vascular dementia groups**  
Misako Higashiyama, Tomotaka Ueda, Hiroyasu Shiozawa, Yuki Sawamoto, Chiharu Kurozumi  
Graduate School of Biomedical Sciences, Nagasaki University, Faculty of Rehabilitation Sciences, Nishikyushu University, Rehabilitation Department, Geriatric Health Services Facility KIRARI, Rehabilitation Department, DEGUTI Hospital, Department of Rehabilitation, Kawasaki University of Medical Welfare  
認知症のタイプによる呼吸機能と肺炎既往の違いに関する臨床研究  
末枝愛子, 砕田寛貴, 清水利幸, 緒本敏子, 黒住和彦  
長崎大学医学部理学療学科, 西九州大学リハビリテーション学部, 介護老人保健施設 あさひリハビリテーション部, 介護老人保健施設 あすかリハビリテーション部, 介護老人保健施設 岐阜リハビリテーション学部 |

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| **Effect of Korean Computer-based Cognitive Rehabilitation Program (CoTras) for the Memory and EEG Activity in Stroke**  
Jung-Mi Kim, Jae-Shin Lee, Young-Geun Kim  
Dept. of Occupational Therapy, Gwang-Ju University, Dept. of Occupational Therapy, Konkuk University, Dept. of Occupational Therapy, Dae-gu Health College  
Korea Computer-based Cognitive Rehabilitation Program (CoTras) for the Memory and EEG Activity in Stroke  
金銀美, 李宰镇, 金榮根  
慶熙大学大学院医療科学系, 慶熙大学大学院医療科学系, 延世大学大学院医療科学系 |
PRE 19-19  9:00～10:00  
Exploration of patterns of information processing strategies during occupational performance in people with schizophrenia 

Ginette Aubin1, Christine Chapparo2, Isabelle Gelinas3, Emmanuel Stip4, Julie Lamoureux5 

1Occupational therapy, University of Quebec in Trois-Rivieres, 2University of Sydney, 3McGill University, 4University of Montreal 

PRE 19-20  9:00～10:00  
Relationship occlusion during infancy and its association with physical functions by measuring and analyzing infants' occlusal force and physical functions 

Aya Edo1, Shin Murata2, Takaharu Fujisaki1, Yuuki Kudo3, Toyoko Asami1 

1Rehabilitation Dept., Nishikyushu University, 2Faculty of health science, Kyoto tatibana University, 3Rehabilitation Dept., Abe Hospital, 4Company Jets, 5Rehabilitation Dept., Saga University Hospital 

PRE 19-21  9:00～10:00  
Paclitaxel induced chronic pain changes emotional behavior 

Naoko Oka1, Tetsuro Horita2, Yume Hisaka3, Akira Sagari4, Naoki Iso5, Koji Tanaka6 

1Faculty of Rehabilitation Sciences, Nishikyushu University, 2Kiyohara internal medicine clinic, 3Nagasaki Genbaku Hospital, 4Wiharadai Hospital, 5Graduate School of Biomedical Sciences, Nagasaki University 

PRE 19-22  14:00～15:00  
Differences in cognitive function and psychosocial factors between those who do and do not participate in preventive care programs for elderly people at high risk of dementia 

Aya Edo1, Shin Murata2, Takaharu Fujisaki1, Yuuki Kudo3, Toyoko Asami1 

1Rehabilitation Dept., Nishikyushu University, 2Faculty of health science, Kyoto tatibana University, 3Rehabilitation Dept., Abe Hospital, 4Company Jets, 5Rehabilitation Dept., Saga University Hospital 

PRE 19-23  9:00～10:00  
Paclitaxel induced chronic pain changes emotional behavior 

Naoko Oka1, Tetsuro Horita2, Yume Hisaka3, Akira Sagari4, Naoki Iso5, Koji Tanaka6 

1Faculty of Rehabilitation Sciences, Nishikyushu University, 2Kiyohara internal medicine clinic, 3Nagasaki Genbaku Hospital, 4Wiharadai Hospital, 5Graduate School of Biomedical Sciences, Nagasaki University 

PRE 19-24  14:00～15:00  
Tracking Care Partner Concerns in Caring for Family Members with Neurocognitive Disorders 

Patricia Schaber1, Kate Haglund1, Kristin Nordlie1, Paige Servick1, Melinda Steffl1 

1Program in Occupational Therapy, University of Minnesota 

PRE 19-25  14:00～15:00  
Task Oriented Assessment for Intervention Across Diagnostic Groups 

Joan Rogers1, Margo B. Holm1 

1Department of Occupational Therapy, University of Pittsburgh School of Health and Rehabilitation Sciences 

PRE 19-26  9:00～10:00  
A study of preferred images and perception level for occupational therapists 

Mi Hyun Kim1, Yong Min Kwon1, Soo Kyung Jeon2, Ho Kyung Maeng2 

1Dept. of Occupational Therapy, Seoul National University Bundang Hospital 

PRE 19-27  14:00～15:00  
Effect of Spine Stretch using Stick on the Elderly People Against Incomplete Pulling up of Lower Wear 

Daisuke Omori1, Wataru Imura2, Maki Watanabe3, Masahiro Onishi4, Akiko Yamamizu5 

1Kitagawa Hospital, 2Department of Occupational Therapy, Tamano Institute of Health and Human Services, 3Geriatric Health-Care Facility: Minamioyakamaya Nursing Home, 4kurashiki fujitosso 

PRE 19-28  9:00～10:00  
About the possibility of the visual agnosia improvement by visual image 

Taiti Oogiie1, Takashi Hiraoka2 

1Rehabilitation Department, Medical Corporation Souwakai Shigei Hospital, 2Department of Rehabilitation Medicine, Kawasaki Medical School Hospital 

PRE 19-29  9:00～10:00  
About the possibility of the visual agnosia improvement by visual image 

Taiti Oogiie1, Takashi Hiraoka2 

1Rehabilitation Department, Medical Corporation Souwakai Shigei Hospital, 2Department of Rehabilitation Medicine, Kawasaki Medical School Hospital
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<td>Reliability and Validity of Measurements of Upper-body Dressing for Dementia</td>
<td>Arisa Endo1, Makoto Suzuki2, Atumi Akagi3, Naoyuki Chiba3</td>
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<td>1Department of Rehabilitation Medicine, Sakuradai Koijinkai Hospital, 2Institute for Human Movement and Medical Sciences, Niigata University of Health and Welfare, 3Department of Rehabilitation Medicine, Sapporo Koijinkai Hospital</td>
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<td>Upper-Body Dressing Scaleの信頼性と妥当性</td>
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<td>Influence of changing contact area of index finger pushing force on force accuracy</td>
<td>Hisanori Kojima1, Toshiyasu Inumaru2, Tadayoshi Ueda1, Yudai Honda1, Ryota Muguruma3</td>
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<td>1Faculty of Comprehensive Rehabilitation, Osaka Prefecture University, 2School of Health Sciences, Kinjo University, 3Faculty of Rehabilitation, Shijonawate Gakuen University, 4Physical Medicine and Rehabilitation, Osaka Police Hospital, 5Physical Medicine and Rehabilitation, Amagasaki Central Hospital</td>
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<td>示指における接触面積の違いが運動精度に及ぼす影響</td>
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<td>小島敬1, 大木健2, 上田俊1, 本村優3, 八戸市第4</td>
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<td>大阪府立大学総合リハビリテーション学部, 3金城大学医学部健康学教室, 4四條畷大学リハビリテーション学部, 5大阪警察病院リハビリテーション科, 6安楽中央病院リハビリテーション科</td>
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<td>The change of the autonomic nervous function with the recovery of the acute-phase stroke: attention to posture and the occupational task</td>
<td>Keiko Maruyama1, Mariko Takahashi1, Yumiko Akaie1, Tsuneto Furuta1, Atsushi Yamasaki1</td>
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<td>1Rehabilitation Dept., Shizuoka General Hospital, 2Faculty of Health Science Technology Department of Occupational Therapy, Bunkyo Gakuen University, 3Faculty of Health Science Technology Department of Physical Therapy, Bunkyo Gakuen University</td>
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<td>急性期脳卒中からの回復伴う自律神経機能の変化−姿勢・作業課題に着目して</td>
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<td>丸山雅子1, 高橋優里1, 佐藤理恵1, 赤戸洋2, 山崎 敦3</td>
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<td>Development of quantitative assessment in patients with ataxia in upper extremity by using 3D motion analysis</td>
<td>Akiyoshi Watanabe1, Hitoshi Kagaya1, Fumihiro Matsuda1, Norihide Itoh1, Eiichi Saitoh2</td>
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<td>1Faculty of Rehabilitation, School of Health Sciences, Fujita Health University, 2Department of Rehabilitation 1, School of Medicine, Fujita Health University</td>
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<td>三叉元動作解析装置を用いた上肢の運動失調症における定量的評価法の開発</td>
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<td>The use and need of assistive technology - Contextual factors and their impact in different age-groups of old people</td>
<td>Charlotte Lofqvist1, Maria Haak1, Bjorn Slaug2</td>
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<td>老年用具の使用と必要性 - 環境的要因と各年代群の影響</td>
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<td>Investigating factors related to improving activities of daily living in acute stroke patients</td>
<td>Ayumi Houri1, Tomomi Furukawa1, Akihito Suzuki1, Hitoshi Mutai1</td>
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<td>1Rehabilitation Dept., Azumino Red Cross Hospital, 2School of Health Science, Shinshu University</td>
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<td>脳卒中急性期におけるADL改善に関与する因子の検討</td>
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<td>Relation between cane weight distribution and door opening method during door opening by hemiplegic subjects with a one-point cane gait</td>
<td>Kiyoko Fujishima1, Yasushi Izumida1, Miyuki Fujikura1, Hiromi Fujii1</td>
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<td>2Occupational Therapy Dept., Tohoku Medical College, 3Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences, 4Graduate School of Health Sciences, Yamagata Prefectural University of Health Sciences</td>
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<td>一点杖步行片麻痺者における杖荷重量とドア開閉方法の関係</td>
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Health-related quality of life of stroke survivors in the convalescent phase

Hiroko Kodama1, Hiroyuki Hanafusa2, Tomoko Fujiki2, Hisako Shinkawa3, Nobuhiro Nara4

1Takagi Hospital, 2Yanagawa Rehabilitation Hospital, 3Dept. Occupational Therapy Faculty of FUKUOKA Rehabilitation, International University of Technology, 4School of Health Sciences, Tokyo University of Technology

囲い脳卒中患者のHR-QOLの変化

児玉寿子，花房宏行2，藤木智子2，新川寿子1，奈良進弘1

1脳神経外科，2脳神経外科

PRE 19-39 9:00～10:00

Factors associated with disability before and after surgery in patients with carpal tunnel syndrome

Junya Hirata1, Tomoyo Yamamoto1, Keiko Inoue2, Hiroyuki Hashizume3

1Department of Rehabilitation, Kasaoka Daichi Hospital, 2Department of Rehabilitation, Kawasaki University of Medical welfare, 3Department of Orthopedic Surgery, Kasaoka Daichi Hospital

手術管群患者の手術前・後の能力障害に関連する因子

平井洋也1，山本智恵1，井上桂子2，髙橋博行2

2脳神経外科クリニックリハビリテーション科，1脳神経外科

PRE 19-40 14:00～15:00

Effects to snuggle and to walk for the client of moderate Alzheimer type dementia wandering

Kikuo Eguehi1, Seigo Koura1, Noriyuki Ogawa1, Nao Eguchi1

1Kumimigaoka Hospital, 2Kyushu University of Health and Welfare, 3Kouzyu Nursery

徘徊中の中程度のアルツハイマー型認知症患者に対する寄り添い歩行の効果

江口章2，小浦誠1，小川敬之2，江口英1

2脳神経外科，1神経内科

PRE 19-41 9:00～10:00

Research of the mental health of Occupational Therapists : About burnout and self-efficacy

Risa Matsuoka1,2, Youhei Komatsu3,4

1Department of Rehabilitation Medicine, Go Neurosurgery Clinic, 2Department of Rehabilitation, Nishikyusyu University, 3Humanities, Fukuoka University Graduate School

作業療法士のメンタルヘルスに関する研究～自己効力感とバーンアウトに着目して

仁木憲1，2，松平喜博3，4

3工学系，4医学系

PRE 19-43 9:00～10:00

The trial and effect of splint therapy for finger extension contracture

RYOTA KIMURA1

1rehabilitation department, Isogo Central Hospital

手指伸展拘縮に対するスプリント療法の取り組みと効果

木村亮太1

1脳神経外科

PRE 19-44 14:00～15:00

Investigating discharged home and activities of daily living improvements in acute stroke patients with cognitive impairments

Akihito Suzuki1, Tomomi Furukawa1, Ayumi Houri1, Hitoshi Mutai2

1Rehabilitation Dept., Azumino Red Cross Hospital, 2School of Health Science, Shinshu University

認知機能障害を合併した急性脳卒中患者における自宅退院とADL改善についての検討

鈴木喜弘1，古川智恵1，鈴木あゆみ1，武田寛2

2脳神経外科

PRE 19-45 9:00～10:00

Effectiveness of Group-play Occupational therapy for elderly MCI patients living in the community

Su-Min Cha1, Min-Su Park1, Yeong-Ae Yang2, Bo-Ra Park3, Yun-Hee Park4

1Occupational therapy Dept., Choonhae College of Health Sciences, 2Research Institute for Convergence of Biomedical Science and Technology Dept., Pusan National University Yangsan Hospital, 3Occupational therapy Dept., Inje University, 4Occupational therapy Dept, Yeungnam Foreign Language College

団体療法における多方向リーチ動作時のリーチ距離と荷重中心点移動距離の関係

佐藤寿之1，韓谷英2，藤井浩1

1作業療法士，2作業療法士

PRE 19-46 14:00～15:00

Relations between reach distance and center of pressure distance for multi-directional reach in hemiplegic subjects

Toshiaki Sato1, Ryohi Nabeya2, Hiromi Fujii3

1Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences, 2Division of Rehabilitation, Geriatric Health Services Facility Niatori

片麻痺者における多方向リーチ動作時のリーチ距離と荷重中心点移動距離の関係

佐藤栄1，小野早菜2，倉山大輔3

1作業療法士，2作業療法士
### PRE 19-56 14:00～15:00

**The effects of OT combined with repetitive transcranial magnetic stimulation and therapeutic electrical stimulation in chronic stroke patients**

Kaho Matsuyama¹, Soichiro Koyama¹, Shigeo Tanabe², Tomoaki Kaneko¹, Tetsuo Kanno³

¹Rehabilitation Dept., Kawamura Hospital, ²Faculty of Rehabilitation, School of Health Sciences, Fujita Health University, ³Neurosurgery Dept., Kawamura Hospital

**慢性期脳卒中患者に対する作業療法における反復経頭磁気刺激と治療的電気刺激の併用効果**

松山宗生¹, 小山総朗², 田辺茂雄³, 金子友実¹, 神野哲夫³

河村病院リハビリテーション科, 藤田保健衛生大学医学部理学療法学科, 河村病院脳神経外科

### PRE 19-57 09:00～10:00

**The factors affecting treatment effect of OT combined with rTMS and TES in chronic stroke patients**

Yosuke Hayakawa¹, Soichiro Koyama¹, Shigeo Tanabe², Tomoaki Kaneko¹, Tetsuo Kanno³

¹Rehabilitation Dept., Kawamura Hospital, ²Faculty of Rehabilitation, School of Health Sciences, Fujita Health University, ³Neurosurgery Dept., Kawamura Hospital

**慢性期脳卒中患者に対する作業療法における反復経頭磁気刺激と治療的電気刺激の併用効果の影響因子**

早川博¹, 小山総朗², 田辺茂雄³, 金子友実¹, 神野哲夫³

河村病院リハビリテーション科, 藤田保健衛生大学医学部理学療法学科, 河村病院脳神経外科

### PRE 19-58 14:00～15:00

**Reliability of self-reported fatigue in the frail elderly**

Tomonori Nomura¹, Yoshihiro Watanabe¹

¹Faculty of Medical Technology, Department of Occupational Therapy, Niigata University of Health and Welfare

**要介護高齢者における主観的疲労感の再現性**

能村友紀¹, 渡邉良弘¹

新潟医療福祉大学医療技術学部 作業療法学科

### PRE 19-59 09:00～10:00

**Effects of various electrical stimulation parameters at the posterior neck on subjective straight ahead**

Takahiro Fujita¹, Atsushi Sato², Ryuichi Kasahara¹, Takuro Ohashi¹, Yoshiyuki Kaku³

¹School of Occupational Therapy, Sendai Rehabilitation College, ²Rehabilitation Dept., Northern Fukushima Medical Center, ³Rehabilitation Dept., Okino Medical Clinic

**後頭部に対する電気刺激の刺激パラメータの違いが主観的正中方向に与える影響**

藤田調理師¹, 佐藤淳史², 堂原良一³, 大橋拓也⁴, 角井俊幸⁴

仙台リハビリテーション専門学校作業療法学科, 北陸病院セントラリハビリテーション科, 沖野内科医院リハビリテーション科

### PRE 19-60 14:00～15:00

**Effects of Bilateral Arm Training on Arm Function in Sub-Acute Post-Stroke Patients: A Cross-over Study**

Motoki Nakamura¹, Nahoko Tokunaga¹, Kazuko Chida¹, Sin Miyatake¹, Takayuki Oumi²

¹Occupational Therapy Dept., Fuchu Hospital

**急性期脳卒中中期麻痺患者の上肢機能に対する Bilateral Arm Training の効果－クロスオーバー研究による検討**

中村光司¹, 僚永奈穂子¹, 千田和子¹, 宮武愼, 近江孝之³

府中病院作業療法室

### PRE 19-61 09:00～10:00

**The matching of “The life after discharge from hospital which you imagine while in hospital” and “The actual life after discharge from hospital” of cerebral vascular sufferers and its factor**

Yusuke Kamoto¹, Tamako Miyamae¹, Yasunobu Akiyama¹, Nodako Ajima¹

¹JA Shizuoka Kohseiren Enshu Hospital, ²Seiichi Christopher University

**脳血管障害者が入院中に想定する退院後の生活」と「実際の退院後の生活」の一致度とその要因**

勝田智延¹, 八原里緒子², 秋山謙司³, 阿部和¹

JA 藤崎厚生連 仙台病院, 興聖クリストファー大学

### PRE 19-62 14:00～15:00

**The study on the pre-discharge factors which can predict the falls of discharged stroke patients**

Keiko Tanaka¹, Sayuri Fujii¹, Naojirou Tanaka¹, Keiko Okita¹, Takatsugu Okamoto¹

¹Rehabilitation Dept., Nishi-Hiroshima Rehabilitation Hospital

**脳卒中患者の退院後の転倒に関与する退院前因子に関する検討**

田中啓子¹, 藤井沙由里¹, 田中直次郎², 沖田啓子¹, 田本朋広¹

西広島リハビリテーション病院リハビリ部
Effectiveness of the Cognitive Rehabilitation for Left Unilateral Spatial Neglect
Mitsuharu Sugawara¹, Masaharu Maeda², Hirotaka Nagumo³, Marko Haral⁴
¹Seishinkai Fujino-onsen University, ²Department of Rehabilitation, International University of Health and Welfare, ³Department of occupational therapy, Faculty of Community Health Care, Teikyo Heisei University, ⁴Department of Occupational Therapy, School of Health Sciences at Fukuoka, International University of Health and Welfare

Difference of the health-related quality of life according to a diagnosis of the stroke in recovery phase
Ryota Izumi¹, Shinichi Notó¹, Takamatu Uemura²
¹Department of Occupational Therapy, School of Health Sciences, Niigata University of Health and Welfare, ²Department of Public Health, Kyorin University School of Medicine

The Relation between Toileting Behavior and Impairments after Stroke
En Nakamura¹, Makoto Suzuki¹, Masami Hatakeyama¹, Yuka Kuremura¹, Masau Sasa⁴
¹Department of Rehabilitation Medicine, St. Marianna University, Yokohama City Seibu Hospital, Japan, ²Institute for Human Movement and Medical Sciences, Niigata University of Health and Welfare, Niigata, Japan, ³Keio Advanced Research Centers (KARC), Keio University, Japan, ⁴Department of Orthopedics, St. Marianna University, Yokohama City Seibu Hospital, Japan

Effects on Posture Control through Active Repetitive Shaking Motion
Daisuke Yamanishi¹, Ikko Miyamoto¹, Eiji Yamada¹, Keiji Aoto³
¹Rehabilitation Dept., Day Care, Osaka, ²Department of Physical Therapy, Faculty of Health and Welfare, Tokushima Bunri University, ³Koutouen, Hanayama Family Clinic

Relative Impact of Dementia on Behavioral Independence and Disturbances
Naoyuki Chiba¹, Makoto Suzuki¹, Teruaki Endo¹, Arisa Endo¹, Yusuke Nindaka¹
¹Department of Rehabilitation Medicine, Sakuradai Kojinkai Hospital, ²Institute for Human Movement and Medical Sciences, Niigata University of Health and Welfare, ³Office for Financial Support, Nihon Welfare and Rehabilitation Institute

Development of Motor-Reduced Visual Perception Software for Thai School-aged Children in Elementary Education Level, YEAR 1-3
Supaporn Chinchai¹, Sarinya Sriyachtsawat², Suchitporn Lersilp³, Peeraay Munkhetvit¹
¹OCCUPATIONAL THERAPY DEPARTMENT/ASSOCIATED MEDICAL SCIENCE FACULTY, CHIANG MAI UNIVERSITY

Challenge & Innovation／革新と挑戦
### PCI 19-2 14:00~15:00

**Professional reasoning of Dutch occupational paediatric therapists: Changing approaches in handwriting**

Jolien van den Houten¹, Margo Van Hartingsveldt²

1 School of OT, Zuyd University of applied sciences, 2 School of OT, Amsterdam University of applied sciences

### PCI 19-3 9:00~10:00

**Pediatric Occupational Therapy in the Netherlands: Developing a broadly supported Profile**

Margo Van Hartingsveldt¹, Jolien van den Houten¹, Inge van der Leij-Hemmelen¹, Marjon ten Velden¹

1 School of OT, Amsterdam University of Applied Sciences, 2 School of OT, Zuyd University of Applied Sciences, 3 OT Dept., Community-based Practice, The Netherlands

### PCI 19-4 14:00~15:00

**Effects of an educational intervention on the mental health literacy of junior high school students**

Kenichiro Fukuda¹, Reiki Kimachi¹, Hironori Hayashida¹, Hiroyuki Inadomi¹, Goro Tanaka¹

¹Rehabilitation Dept., Shinjyuen Hospital, 2Shinjyuen Hospital, 3Hyogo University of Health Sciences, 4Nagasaki University Graduate School of Biomedical Sciences

### PCI 19-5 9:00~10:00

**The importance of inter-disciplinary approach across different facilities: A case with ALS who were introduced communication device while staying at acute care hospital**

Shigenobu Hirata¹, Yousuke Kunisawa¹, Jynuko Kunitomo¹, Yukihiko Takahata¹, Mifturu Yamamaoto¹

¹Rehabilitation Dept., Saitama Medical Center

### PCI 19-6 14:00~15:00

**Occupational Therapy Programs for Patient with AntiN-Methyl-D-Aspartate Receptor Encephalitis: Two Cases Report**

Min-Yuan Yu¹, Ying-Chao Chang²

¹OT, Rehabilitation Dept., Kaohsiung Chang Gung Memorial Hospital, 2Pediatric Dept., Kaohsiung Chang Gung Memorial Hospital (Taiwan)

### PCI 19-7 9:00~10:00

**Evaluation of a new method to remediate time processing ability in children with disability in special schools**

Gunnel Janeslatt¹, Sara Wallin Ahlstrom¹, Mats Granlund¹

¹Uppsala University, Department of Public Health and Caring Sciences, Disability and Habilitation, 2Falun Habilitation, Habilitation in Dalarna, 3Jonkoping University, School of Health Sciences

### PCI 19-8 14:00~15:00

**Public Policies for youth in Brazil: Contributions of Social Occupational Therapy**

Rafael Barreiro¹, Ana Paula Mallitano²

¹Masters Degree of the Program Pos-Graduation in Occupational Therapy, Federal University of Sao Carlos, 2Associate Professor of the Department of Occupational Therapy, Federal University of Sao Carlos

### PCI 19-10 14:00~15:00

**OBP2.0: as a New Model for Occupational Therapy**

Mutsumi Teraoka¹,², Makoto Kyogoku³, Hiromi Nakamura-Thomas⁴

¹Health Science Graduate Course Health Science Specialty Doctor Course, Kibi international University Graduate School, ²Department of Rehabilitation, Osugi hospital, ³Kibi International Graduate University, ⁴Department of Occupational Therapy, Saitama Prefectural University

### OBP2.0 - 作業療法士のための新しいパラダイム

寺田 唯, 木越 亮, 中村吉美

吉備国際大学保健科学研究科博士課程, 医療法人慶真会大杉病院リハビリテーション科, 吉備国際大学大学院, 埼玉県立大学作業療法学科

### PCI 19-11 9:00~10:00

**The challenges of everyday technology in the workplace for persons with acquired brain injury**

Ann-Charlotte Kassberg¹, Inger Maria Prellwitz¹, Maria Larsson-Lund¹

¹Health Sciences/Health and Rehabilitation, Lulea University of Technology, ²Division of Primary Rehabilitation, Lulea, The County Council of Norrbotten, Sweden, ³Community Medicine and Rehabilitation, Occupational Therapy, Umea University

### PCI 19-12 14:00~15:00

**Smartphone environmental control system**

Michele Verdonck¹,², Sebrina Joyce³, Fiona Maye¹

¹Occupational Therapy, National Rehabilitation Hospital, ²School of Health and the University of the Sunshine Coast, ³Biomedical Engineering, University College Dublin
### PCI 19-13 9:00～10:00
**Possibility examination of the cooperation of the Japanese occupational therapist for China**

Takai Yoshida¹, Takanori Sasaki²

1. Japan Overseas Cooperation Volunteers (JOVC), Japan International Cooperation Agency (JICA), 2. Project for Human Resource Development of Rehabilitation in the Central and Western Region in China, China Rehabilitation Research Center, Beijing, China, Japan International Cooperation Agency (JICA)

### PCI 19-14 14:00～15:00
**Occupation- and client-centred assessment in school-based OT practice: Assessing children's occupational performance within primary schools**

Andrea Hasselbusch¹, Zillhardt Cornellie², Dunford Carolyn³

1. School of Health and Social Care, Bournemouth University (UK), 2. Opleiding Ergotherapie - Department for Occupational Therapy, Hogeschool Zuyd (Netherlands), 3. Harrison Research Centre, Tadworth - The Children’s Trust (UK)

### PCI 19-15 9:00～10:00
**Factors associated with parents' time use change and children's subsequent decrease in BMI**

Kristina Orban¹, Lenna Karin Erlandsson¹, Anna-Karin Edberg², Kristina Thorngren-Jerneck², Jenny Onnerfalt²,³

1. Department of Health Sciences, Occupational Therapy and Occupational Science, Lund University, 2. The Swedish Institute for Health Sciences, Vardalinsitutet, 3. Department of Pediatrics, Clinical Sciences, Lund University

### PCI 19-16 14:00～15:00
**Seeding Occupational Therapy in Cambodia, Laos, Myanmar and Vietnam: A collaborative approach of on line education**

Yumiko Hayashi¹, Yvon Thomas², Makoto Kono³, Hai Hoang Hoa⁴

1. Rehabilitation Dept., Becamex International General Hospital, 2. Occupational Therapy Dept., University of Worcester, 3. Occupational Therapy Dept., Kyorin University, 4. Deputy Hospital Manager, Becamex International General Hospital

### PCI 19-17 9:00～10:00
**Improving the Sleep of Swedish AD/HD sufferers with a patented Quilt**

Pele Siljedahl¹

¹Somna AB

### PCI 19-18 14:00～15:00
**The Effect of Tablet PCs on the Visual Perception and Hand Functions of Children with Intellectual Disabilities**

Mi young Hong¹

¹occupational therapy, Dajigí edugym

### PCI 19-19 9:00～10:00
**Improvement of yes/no judgment accuracy using a feedback system: Using remaining function**

Tomoko Funayama¹, Yoshiaki Kogure¹, Ryota Kimura², Miki Miura², Yasutaka Uchida³

1. Teikyo University of Science, 2. Isogo Central Hospital, 3. Yokohama YMCA College

### PCI 19-20 14:00～15:00
**Development of a Community Focused Resource to Facilitate Children's Participation after Traumatic Brain Injury (TBI)**

Margaret Anne Jones¹, Clare Hocking², Kathryn McPherson³

¹Department of Occupational Science and Therapy, Auckland University of Technology, 2. Person Centred Rehabilitation Centre, Auckland University of Technology

### PCI 19-21 9:00～10:00
**Application of the human-machine interface technology to occupational therapy**

Tomoko Funayama¹, Yoshiaki Kogure¹, Ryota Kimura², Nobuo Homma³, Yasutaka Uchida¹

1. Teikyo University of Science, 2. Isogo Central Hospital, 3. Yokohama YMCA College

### PCI 19-22 14:00～15:00
**Improvising the Communication of Alzheimer's Disease Patients through a Tablet PC**

Tomoko Funayama¹, Yoshiaki Kogure¹, Ryota Kimura², Nobuo Homma³, Yasutaka Uchida¹

1. Teikyo University of Science, 2. Isogo Central Hospital, 3. Yokohama YMCA College
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<th>PCI 19-22</th>
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<tr>
<td><strong>Evolution and challenges of occupational therapy: a Mauritian legacy</strong>&lt;br&gt;Shafiq Peer¹</td>
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<td>¹Department of Health Sciences, University of Mauritius</td>
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<td><strong>Cancer Rehabilitation in Taiwan: the Barriers and Challenges</strong>&lt;br&gt;Ying-Chun Chou¹, Sheau-Ling Huang¹, Athena Yi-Jung Tsai¹</td>
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<td>¹Dept. of Occupational Therapy, Kaohsiung Medical University, ²Dept. of Occupational Therapy, National Taiwan University</td>
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<td><strong>The Assessment of Rehabilitation for Pediatric Patients Undergoing Hematopoietic Stem Cell Transplantation</strong>&lt;br&gt;Naomi Yanada¹, Madoka Ogawa¹, Hiroaki Kimura²</td>
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<td>¹Division of Clinical Support, Hiroshima University Hospital, ²Dept. of Rehabilitation, Hiroshima University Hospital</td>
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<td><strong>Trial of new fine motor function improvement using Dynamic Movement Orthoses Glove to a school age cerebral palsy child: Japan shimonoseki</strong>&lt;br&gt;Haruka Morifuji¹</td>
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<td>¹Rehabilitation Dept., Saiseikai Shimonoseki General Hospital</td>
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<td><strong>Teletherapy: Providing an Occupational Therapy service to children who are not living in close proximity to professionals in the Middle East. Maria Quirke</strong>&lt;br&gt;Maria Quirke¹</td>
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<td>¹Occupational Therapy, Stepping Stones Center</td>
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<td><strong>The world is bigger than your own country! Mieke le Granse Ellen van der Wijst Committee International Affairs Dutch occupational therapy association</strong>&lt;br&gt;Mieke le Granse¹, Ellen Van der Wijst¹</td>
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<td>¹Dutch Occupational Therapy Association</td>
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<th>PCI 19-28</th>
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<td><strong>Occupational Engagement of Chronically Homeless Persons and Associated Impact: A Scoping Review of the Interdisciplinary Literature</strong>&lt;br&gt;Carrie Anne Marshall¹, Rosemary Lysaght¹</td>
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<td>¹Queen’s University</td>
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POC 19-4  14:00~15:00
Occupational Wellbeing of People Experience Homelessness : Survival, Self Identity and Socialisation
Yvonne Thomas¹, Marion Gray², Sue McGinty¹
¹Occupational Therapy, James Cook University, ²Occupational Therapy, University of Sunshine Coast

POC 19-5  9:00~10:00
The difference of Stroop interference in language and sorting work
Kazushi Kitayama¹, Katsuji Shibata², Kazuyuki Doyoushita³
¹Rehabilitation Dept, Keiai Hospital, ²Division of Health Sciences Medical Science, Kanazawa University Graduate School

POC 19-6  14:00~15:00
Leisure Activity of Dog walking : The impact of dog owners interaction in the community
Kazumi Kikuchi¹
¹Faculty of Medical Health and Science, TeikyoHeisei University

POC 19-7  9:00~10:00
Motherhood within a Cross-cultural Context: Mothering Experiences of Foreign Spouses in Taiwan
Szu-Fan Chen¹, Heng-Hui Wu², Yi-Ting Tseng³, June-Wei Yu⁴, Athena Yi-Jung Tsai¹
¹Department of Psychiatry, Taipei Tzu Chi General Hospital, ²Graduate School of Criminology, National Taipei University, ³The Star Home for People with Disability, ⁴Department of Occupational Therapy, Kaohsiung Medical University

POC 19-8  14:00~15:00
Young adults in longstanding unemployment - struggling for constructing a positive identity and occupational competence
Elin Ekbladh¹, Grahn Sofia¹
¹Faculty of Health Sciences, Department of Social and Welfare Studies, Linkoping University

POC 19-9  9:00~10:00
Negotiating on a continuum of complexity: The lived experience of enacting agency after a stroke
Aileen Bergstrom¹, Gunilla Eriksson¹ ²°, Eric Asaba¹, Anette C. Erikson¹, Kerstin Tham¹ ²°
¹Department of Neurobiology, Care Sciences and Society/Division of Occupational Therapy, Karolinska Institutet, ²°Department of Regional Logopedics, Physiotherapy and Occupational Therapy, University Hospital, Akademiska sjukhuset, ³Public Health and Care Sciences, Research in Disability and Habilitation, Uppsala University, ⁴Department of Occupational Therapy, Karolinska University Hospital

POC 19-10  14:00~15:00
Hands to explore and feel the meaning: search for the world of disability
Akiko Tajima¹, Kento Kanno¹
¹Department of Occupational Therapy, Seihei Christoper University, ²nonpartisan

POC 19-11  9:00~10:00
Occupational structure study: temporal structure and occupational structure pattern
Seiko Mukai¹
¹Department of Occupational Therapy Faculty of Human Science, Hokkaido Bunkyo University

POC 19-12  14:00~15:00
Canadian Men’s Constructions of Balance in Everyday Life
Mineko Wada¹, Catherine Backman¹, Susan Forwell¹
¹Occupational Science and Occupational Therapy, University of British Columbia

POC 19-13  9:00~10:00
Development of the Activity Card Sort for Young Adults (Australia)
Louise Gustafsson¹, Desleigh de Jonge², Yvonne Lai³, Jessica Muuse³, Nicola Naude³
¹School of Health and Rehabilitation Sciences, The University of Queensland, ²Lifetec Queensland

Development of the Activity Card Sort for Young Adults (Australia)
Louise Gustafsson¹, Desleigh de Jonge², Yvonne Lai³, Jessica Muuse³, Nicola Naude³
¹School of Health and Rehabilitation Sciences, The University of Queensland, ²Lifetec Queensland
| POC 19-14 | 14:00～15:00 | Working Mothers' Everyday Life : The Perspective of Occupation  
Nanako Matsui, Etsuko Odawara  
Seirei Christopher University Graduate School  
子育てをしながら働く母親の日々の生活−作業の視点から  
松井菜奈子, 小田原悦子  
聖徳クリストファー大学大学院 |
| POC 19-15 | 9:00～10:00 | EXPLORING THE VIRTUAL OCCUPATION OF “FACEBOOKING”  
Ivan Neil Gomez  
Department of Occupational Therapy, University of Santo Tomas-College of Rehabilitation Sciences |
| POC 19-16 | 14:00～15:00 | Perceived Occupational Balance in College Students  
Yeojin Choi  
Department of Kinesiology-Occupational Science Track, University of Wisconsin-Madison |
| POC 19-17 | 9:00～10:00 | Pen pressure pattern in different strokes  
Yoshiyuki Tagami, Chihiro Oota, Fukuyo Honda  
Occupational Therapy Course, Department of Rehabilitation, Faculty of Medical Science and Welfare, Tohoku Bunka Gakuen University  
異なる手写における筆圧特性  
田上義之, 太田千尋, 本多亜也 |
| POC 19-18 | 14:00～15:00 | Exploring prenatal alcohol consumption as occupation in motherhood  
Lizahn G. Cloete  
Occupational Therapy Division, University of Cape Town |
| POC 19-19 | 9:00～10:00 | Occupational and Speech Therapy Collaborate to Lead a Stroke Survivor Support Group  
Sonia Lawson, Iona Johnson  
Department of Occupational Therapy and Occupational Science, Towson University,  
AUDIOLGY, SPEECH LANGUAGE PATHOLOGY, and Deaf Studies, Towson University |
| POC 19-20 | 9:00～10:00 | A case which occupational therapists support the physically disabled to meet the demands for enriched sexual intercourse revealed in peer counseling  
Anna Nagata, Yoshikiko Kumashino, Atsuko Matsuura, Yuki Tanaka, Yuukichi Tabata  
Non-profit Organization NOIR  
当事者ネットワークをきっかけに職業化した性行為充実のニーズを作業療法士が支援した事例  
長田杏奈, 熊篠慶彦, 松浦温子, 田中由紀, 田畑雄吉 |
| POC 19-21 | 14:00～15:00 | The Practice of Road Traffic Offenses by Taxi Driver’s : Occupation, System and Personal Demands  
Mohamad Ghazali Masuri, Akehsan Dahlan, Ajau Danis, Khairil Anuar Md Isa, Ahmad Kamal Mohd Nattar  
Occupational Therapy Department, Universiti Teknologi MARA,  
Basic Sciences Department, Universiti Teknologi MARA |

June 19 (Thu) Poster Session

第16回 世界作業療法士連盟大会・第48回 日本作業療法学会

Page 271
PCO 19-5 9:00～10:00
Occupational therapy’s role within the interdisciplinary team to implement a new early mobility program for mechanically-ventilated patients in a community hospital critical care unit
Lisa Hanano 1, Margot Flaughler 1, Barbara Callens 1
1 Critical Care Dept., El Camino Hospital

PCO 19-6 14:00～15:00
Occupational therapists in a multidisciplinary collaboration on dysphagia patients
Rikke Strunz Pedersen 1
1 Department og occupational therapy, Hospital

PCO 19-7 9:00～10:00
Assessment Items for the Optimal Use of Assistive Technology : Through a Pseudo Prescription Process by Multidisciplinary Professionals in Japan
Miwa Sakiyama 1, Jun Suzukikawa 1, Takenobu Inoue 1, Tomoko Kondo 1, Motoi Suwa 1
1 Department of Assistive Technology, Research Institute of National Rehabilitation Center for Persons with Disabilities, 2 Department of Occupational Therapy, Teikyo University of Science

PCO 19-9 9:00～10:00
Occupational Therapy: The bridge between medicine and human occupation
Phuong Nguyen 1,2
1 Division of Occupational Science and Occupational Therapy, University of Southern California, 2 Keck Medical Center of USC

PCO 19-11 9:00～10:00
Viewing the interprofessional clinical education world through the occupational therapy lens: rewards and challenges
Priya Martin 1, Sarayana Kumar 1
1 Cunningham Centre, Queensland Health, 2 International Centre for Allied Health Evidence, University of South Australia

Disaster／災害

PDI 19-1 9:00～10:00
Understanding the Role of the Kawa Model in Case Studies: From the experience of the Great East Japan Earthquake
Kuniko Koyama 1, Rie Takahashi 2, Haruru Ishikawa 1, Kuniko Anzai 1, Kayoko Yokoi 1
1 Rehabilitation Department, Tokyo Metropolitan Tobu Medical Center for Persons with Developmental/Multiple Disabilities, 2 Health-Ryogoen (Care Facility for Adults with Severe Disabilities)

PDI 19-3 9:00～10:00
A study for the role of an occupational therapist (OT) in the three-month rehabilitation period after the Great East Japan Earthquake (GEJE) disaster: Report of GEJE through volunteer activities
Yuji Negishi 1, Nobuo Ohshima 1
1 Rehabilitation-room, Sanai Hospital, 2 Graduate School of Human Health Sciences Department of Occupational Therapy, Tokyo Metropolitan University

PDI 19-4 14:00～15:00
Desire to daily occupation of those who are forced to live in temporary housing by the Tohoku Earthquake: Seek Feasibility For Occupational Storytelling and Occupational Storymaking
Tatsuya Suzuki 1, Tamako Miyamae 1, Miyoko Yamada 1
1 Department of Rehabilitation, Seirei Christopher University, 2 Department of Human Sciences, Shizuoka Eiwa Gakuen University

東日本大震災による仮設住宅で暮らす人々の作業への思い—作業的ストーリーテリングと作業的ストーリーメイキングの可能性
鈴木達也 1, 徳田美代子 1, 山田美和 1
1 京間の郷多機能福祉施設, 2 静岡英和学園大学人間社会学科
### PDI 19-5  9:00～10:00
**The characteristic of daily activities of the residents in temporary housing after The Fukushima Dai-ichi nuclear disaster in Minamisoma, Fukushima, Japan**

Hiroko Shimazaki1,2, Keitaro Harasawa1, Yukio Kanazawa1, Tomoyoshi Okawa1, Hideki Miyaguchi2  
1Division of occupational therapy, Fukushima rehabilitation academy, 2Graduate school of Biomedical and Health sciences, Hiroshima University, 3Department of General medicine, Minamisoma Municipal General Hospital, 4hospital director, Minamisoma Municipal General Hospital, 5assistant director, Minamisoma Municipal General Hospital

福島県南相馬市における震災後の仮設住民の生活の特徴

### PDI 19-6  14:00～15:00
**Impact of Natural Disaster on Family Quality of Life: Three Years after Hurricane Katrina**

Fengyi Kuo1,2  
1Department of Occupational Therapy, School of Health and Rehabilitation Sciences, Indiana University, Indianapolis, IN, USA, 2Riley Child Development Center, Riley Hospital for Children, Indianapolis, IN, USA

### PDI 19-7  9:00～10:00
**Impermanence: managing a group of displaced OTs post Sandy**

Ai-Lian Lim1  
1Occupational Therapy, Bellevue Hospital Center, 2NYU School of Medicine

### PDI 19-8  14:00～15:00
**Role and Support for Helping the Disaster Restoration Work as the Local Association of Occupational Therapist after the Great East Japan Earthquake: From Activity Records of Disaster Volunteers form Other Area and the Coordinator of Earthquake Disaster**

Mitsuhito Motochi1, Yoshihisa Sató2, Junko Katouno3  
1Department of Rehabilitation, Tohoku Rosai Hospital, 2Faculty of Health Science, Department of Rehabilitation, Tohoku Fukushi University, 3Department of Occupational Therapy, Tohoku Medical Care College

東日本大震災発生直後の被災士会の支援活動と役割－震災時のコーディネータとしての士会員と災害支援ボランティアの活動記録より

### PDI 19-9  9:00～10:00
**A study on the state of early occupational therapy interventions for patients with postresuscitation encephalopathy at this Hospital**

Akifumi Ishii1, Yumi Takeuchi1, Kaori Yasuda1, Eri Ibe1, Hitoshi Kano2  
1Rehabilitation Department, Sapporo City General Hospital, 2Emergency and Critical Care Center, Sapporo City General Hospital

当院における蘇生後脳症患者に対する急性期作業療法の介入実態に関する検討

### PDI 19-10  14:00～15:00
**Participation as an occupational therapist in a Japan Medical Association Team for the 2011 Tohoku-Pacific Ocean Earthquake**

Tomihisa Nakada1, Hiroaki Naruo1, Hiroshi Tukiji1, Hiroyuki Sugitomi1, Humiko Tutiya1  
1Rehabilitation therapy unit, General foundation rehabilitation promotion foundation Junwakai Memorial Hospital

2011 年東北地方太平洋沖地震において作業療法士として日本医師会災害医療チームに参加して

### PDI 19-11  9:00～10:00
**What have occupational therapists written about global climate change?**

Petra Wagman1  
1School of Health Sciences, Jonkoping University

### PWD 19-1  9:00～10:00
**Double dissociation between fixations to optic flow and fixations to static stimuli**

Makiko Nakai1, Hiromi Fujii1, Kaori Inoue1, Mamiko Kina1, Kazumi Hirayama2  
1Tohoku Medical College, 2Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences

オプティブック・フローへの固視と静止刺激への固視の二重解離
Sharing Traditions, Creating Futures: The “TIES” project

Mirela Burilă1, Marinela Rata2

1Rehabilitation Dept., Clinical Hospital for Adults Medical Rehabilitation, 2OT Department, University from Bacau
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<th>GUIDED POSTER／座長付ポスター</th>
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<td><strong>GP-09-1 CH</strong></td>
<td>Can their parents help them play? A pilot parent-delivered intervention for children with ADHD</td>
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<td><strong>Sarah Wilkes-Gillan</strong>1,</td>
<td><strong>Anita Bundy</strong>1, <strong>Reinie Cordier</strong>1,2, <strong>Michelle Lincoln</strong>1</td>
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<td><strong>2Occupational Therapy, James Cook University</strong></td>
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| GP-09-2 CH                  | Effects of Intrathecal Baclofen on Technology Use among Children with Cerebral Palsy |
| **Pin-Kuei Chen**1, **Ruth Benedict**1 | **Department of Kinesiology, University of Wisconsin-Madison** |

| GP-09-3 ER                  | Health Inequalities: Evidence and Opportunities for Occupational Therapy |
| **Julie Bass**1             | **Occupational Science and Occupational Therapy, St. Catherine University** |

| GP-09-4 ER                  | Developing a framework for Occupation Based Community Development: translating knowledge from occupational science |
| **Roshan Galvaan**1, **Liesl Peters**1 | **Division of Occupational Therapy, University of Cape Town** |

| GP-09-5 CH                  | Does haptic perception influence on children’s handwriting quality? |
| **Tzu-Ying Yu**1, **Jim Hinojosa**2, **Tsu-Hsin Howe**2 | **1Department of Occupational Therapy, I-Shou University, Kaohsiung City, Taiwan,** | **2Department of Occupational Therapy, New York University, New York, USA** |

| GP-10                        | 10:00～11:00 Physical Disabilities 身体障害 |
| Chair/座長                  | Makoto Otaki, Kobe Gakuin University (大瀧 誠 神戸学院大学総合リハビリテーション学部) |
| **GP-10-1 PD**               | Case report: occupational therapy after a total claviculectomy was performed in for osteosarcoma at the clavicle |
| **Sho Horie**1, **Muneo Tada**1, **Tetsutarou Yahata**1, **Hiroki Kimura**1 | **1Section of Rehabilitation, Kanazawa University Hospital,** | **2Department of Orthopedics, Kanazawa University Hospital** |
| **GP-10-2 PD**               | Effectiveness of occupational therapy promoting task performance: A randomized controlled trial on patients with post-stroke depression |
| **Hitoshi Numata**1, **Waka Murata**1, **Kuniyasu Kano**1, **yu Chiba**1, **Yuki Arima**1 | **1Chitose Houyukai Hospital,** | **2Faculty of Health Sciences, Hokkaido University** |

**Reference:**
第16回世界作業療法士連盟大会・第48回日本作業療法学会
GP-10-3 PD

Effect of combined therapy with repetitive transcranial magnetic stimulation and constraint-induced movement therapy

Hirotaka Tsukamoto¹, Katsunori Hayashi¹, Chiki Yokoyama¹, Noriko Tasaki², Yasutaka Kobayashi²
¹Occupational Therapy Section, Department of Rehabilitation, Fukui General Hospital, ²Department of Rehabilitation, Fukui General Hospital

当院における反復性経頭蓋磁気刺激と CI セラピーの併用療法の効果
塚本陽貴¹, 林 克範¹, 横山千晶¹, 田崎乃里子¹, 小林康孝²
¹福井総合病院リハビリテーション課 作業療法室, ²福井総合病院リハビリテーション科

GP-10-4 PD

Asset Based Community Development: an innovative way for OT to address occupational deprivation and exclusion in our communities

Catherine Webster¹
¹Health and Happiness

GP-10-5 PD

Efficacy of a combined physical and occupational therapy intervention in patients with subacute neuralgic amyotrophy: a cohort study

Renske Janssen¹, Jos IJspeert¹, Nens van Allen¹, Jan Groothuis¹, Edith Cup¹
¹Rehabilitation, Radboud University Medical Center Nijmegen, Netherlands, ²Neurology, Radboud University Medical Center Nijmegen, Netherlands

GP-11 14:30∼15:30 Children/発達障害／Physical Disabilities/身体障害／Elderly/老年期障害

Chair/座長
Shuya Okumura Seirei Hamamatsu Hospital (奥村修也 聖隷浜松病院)

GP-11-1 CH

Further validation of the Child and Adolescent Scale of Environment for Youth with Disabilities

Gary Bedell¹, Janette McDougall², Virginia Wright³
¹Department of Occupational Therapy, Tufts University, ²Thames Valley Children's Centre, ³Bloorview Research Institute

GP-11-2 PD

Factors contributing to estimation of the possibility of working in patients with higher brain dysfunction: a case-control study using a logistic regression model

Daisuke Sawamura¹, Kazunori Ikoma¹, Keita Ogawa¹, Kyouichi Hori¹, Shinya Sakai²
¹Department of Rehabilitation, Hokkaido University Hospital, ²Graduate School of Health Science, Hokkaido University, ³Faculty of Health Science, Hokkaido University

高次脳機能障害者における就労の可否判断に寄与する因子の検討−ロジスティック回帰分析を用いた後方視的検討
澤村大輔¹, 生駒一憲¹, 小川圭太¹, 堂 享一, 境 信哉³
¹北海道大学病院リハビリテーション科, ²北海道大学大学院保健科学研究院, ³北海道大学大学院保健科学研究院

GP-11-3 PD

Characteristics of driving behaviors in patients with cognitive dysfunction

Hajime Tanaka¹, Emi Ito¹, Chikako Sato¹, Yuki Ochiai¹, Megumi Fukui¹
¹Department of Occupational Therapy, Nagoya City Rehabilitation Center, ²Department of Physical and Occupational Therapy, Nagoya University Graduate School of Medicine

高次脳機能障害者の運転行動特性
田中 創, 伊藤恵美, 佐藤千賀子, 落合祐輔, 桐村めぐみ
¹名古屋市総合リハビリテーションセンター作業療法科, ²名古屋大学大学院医学系研究科リハビリテーション療法学専攻
Factors influencing toileting ability among acute stroke patients

Hiroki Bizen¹, Ryuji Watanabe¹, Naoki Tomiyama², Ruyichi Hasegawa³
¹Division of Rehabilitation, Tushima City Hospital, ²Division of Occupational Therapy Faculty of Care and Rehabilitation, Seiho University, ³Department of Occupational Therapy College of Health and Life Science Studies, Chubu University

急性期脳卒中患者における転帰時排泄動作に影響を及ぼす因子の検討
備前宏紀¹, 渡邉立志¹, 富山直輝², 長谷川龍一³
¹津島市民病院リハビリテーション室, ²星城大学リハビリテーション学科リハビリテーション学科作業療法学専攻, ³中部大学生命科学部作業療法学学科

Examination of the cognitive function in patients with chronic obstructive pulmonary disease

Satoshi Okajima¹, Yuji Higashimoto², Noritsugu Honda³, Kazushige Maeda¹, Kanji Fukuda⁴
¹Department of Rehabilitation, Kinki University School of Medicine, ²Department of Respiratory Medicine and Allergology, Kinki University School of Medicine, ³Department of Rehabilitation, Kinki University School of Medicine, ⁴Department of Rehabilitation, Kinki University School of Medicine

慢性閉塞性肺疾患患者における高次脳機能の検討
岡島 聡¹, 東本有司², 本田憲胤³, 前田和成¹, 福田寛二⁴
¹近畿大学医学部附属病院リハビリテーション部, ²近畿大学医学部呼吸器アレルギー内科, ³近畿大学医学部附属病院リハビリテーション部, ⁴近畿大学医学部リハビリテーション科

Trojans Talk OT: A Student-Run Podcast: Disseminating innovation, research, and advocacy

Alyssa Concha¹, Robert Russow¹
¹Occupational Science and Occupational Therapy, University of Southern California

Effects of Social Skills Training for the Psychoeducational Intervention to Family Caregivers of People with Senile Dementia

Ippei Suganuma¹, Kenji Kamiyo², Hiroshi Shiraishi¹, Gou Omae¹
¹Department of Rehabilitation, Imazu Red Cross Hospital, ²Rehabilitation course, Nishikyushu University Graduate School

認知症高齢者の家族主介護者に対する心理教育介入−ソーシャル・スキルズ・トレーニングの効果について
菅沼一平¹, 上城憲司², 白石 宏¹, 垂井 豪³
¹今津赤十字病院リハビリテーション科, ²西九州大学大学院リハビリテーションコース
Children／発達障害

PCH 20-1 10:00～11:00
Discrepancies between objective assessment by OT and subjective self-evaluation by children on the children's athletic fluency
Masanori Yasunaga1,2, Ryoichiro Iwana3, Toshiya Yamashita4, Takashi Hayashi3, Hideki Miyaguchi5
1Rehabilitation Dept., Ikawaki Medical Center Medical Association Hospital, 2Graduate School Of Biomedical and Health Sciences, Hiroshima University Hiroshima, Japan, 3School Of Health Sciences, Nagasaki University, 4Home Education Support Office NOW, 5Department of developmental medicine, Nishikawa Clinic

PCH 20-2 14:30～15:30
Does a nursery school understand the occupational therapist who visits? Does a nursery school desire a visit?
Hitoshi Matsu6a
1ACTPCO TOY AND REHABILITATION INSTITUTE

PCH 20-3 10:00～11:00
The relationship between the body scheme and the scores of the Draw-A-Person Game in the Japanese Version of Miller Assessment of Preschoolers
Junko Morikawa1, Atsushi Ueda2, Kanae Matsushima3, Noriko Arai4, Toshihiro Kato1
1Yamori Clinic, 2Daini Okamoto General Hospital, 3Graduate School, Kyoto University

PCH 20-4 14:30～15:30
How is the development of body image in children with spina bifida reflected in their drawings of a man?: Comparison with children with normal development
Taeko Kodama1, Makiko Akiyoshi1, Yusako Nakamura1, Kumiko Terabayashi1, Kaori Miura2
1Occupational Therapy Dept., National Rehabilitation Center for Disabled Children, 2University of Tokyo Health Sciences

PCH 20-5 10:00～11:00
The analysis of the behaviors of children with developmental disorders using the snap-reading method
Ayumi Tanaka1, Mai Futami1, Yuji Higashi1, Toshiro Fujimoto2, Kosuke Moto1
1Fujimoto General Hospital, 2Fujimoto Medical System, 3Graduate School of Science and Technology, Hirosaki University

PCH 20-6 14:30～15:30
Using motor learning approaches to improve body movement in a child with autistic spectrum disorder
Daisuke Sakuma1, Takako Yamada1
1Rehabilitation Dept., Asai Hospital, 2Department of Occupational Therapy School of Health Sciences, Bukkyo University

PCH 20-7 10:00～11:00
Effect of Botulinum Toxin A of Upper Limb Spasticity and Occupational Therapy on Children with Cerebral Palsy: A Single Case Report
Takashi Yonemochi1
1Rehabilitation Dept., Osaka Developmental Rehabilitation Center
Developmental characteristics of handwriting performance of normal children and healthy adults
Sonomi Nakajima1, Toshio Ohyanagi2, Yuji Nakamura1, Yasuhiro Sengoku1
1School Of Health Sciences, Department of Occupational Therapy, Sapporo Medical University, 2Center for Medical Education, Department of Liberal Arts and Sciences, Sapporo Medical University

Factors associated with discharging acute stroke patients to home from an acute care hospital in the central area of Nagano prefecture
Yukiteru Murayama1, Hiroshi Kumazaki1, Isao Otsuka2
1Stroke & Neurological Rehabilitation Center, Aizawa Hospital, Jissenkai Medical Corporation, 2Rehabilitation Therapist Department, Aizawa Hospital, Jissenkai Medical Corporation

The relationship between ADL and sensory integrative function reflected on the JSI-3D scores in children with developmental disorders
Shizuka Umemoto1, Atsushi Ota1, Norikazu Konishi1
1Department of Occupational Therapy Faculty of Health Care Science, Himeji Dokkyo University

A process of a teacher who is teaching a regular class noticing one of the students as possibly having developmental disorders
Kazuya Ammoto1, Naoya Ammoto1, Shizuka Umemoto1, Yuji Nakamura1
1Department of Occupational Therapy, University of Occupational and Environmental Health, 2Department of Occupational Therapy, Nagoya City Rehabilitation Center, 3Graduate School of Medicine, Nagoya University

Effect of head support on the change in body pressure in people with severe motor and intellectual disabilities
Yoshihisa Ueno1, Hiroshi Kuroda1, Takeshi Kodama1, Noriko Arai2
1Department of Health Sciences, Sapporo Medical University, 2Department of Pediatrics, Sapporo Medical University

A process of a teacher who is teaching a regular class noticing one of the students as possibly having developmental disorders
Naoya Ammoto1, Chieko Karashima1
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The causes of inefficient feeding and the periods to improve feeding performance between infants in the NICU with various diseases
Maki Ueno1, Hiroyuki Yamada1, Shigeru Senda1, Koji Nishikawa1, Yasuhiro Ueno2
1Department of Rehabilitation, Ishikawa Prefectural Central Hospital, 2Department of Pediatrics, Ishikawa Prefectural Central Hospital

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Naoya Ammoto1, Chieko Karashima1
1Department of Occupational Therapy, University of Occupational and Environmental Health, 2Department of Occupational Therapy, Nagoya City Rehabilitation Center
A Case Report: Occupational Therapy experience for a patient with Terson’s syndrome and higher brain dysfunction

Manabu Yoshimura, Katsutoshi Senoo, Hirochicki Fujiwara, Takeshi Moriyama, Tomonori Yokoyama

Rehabilitation Center, Kawasaki Medical School Hospital, 2Department of Rehabilitation, Faculty of Health Science and Technology, Kawasaki University of Medical Welfare

Terson 症候群と高次脳機能障害を呈した症例における作業療法経験

Terson 症候群と高次脳機能障害を呈した症例における作業療法経験

Analysis of psychological process of families to support the dialysis patients: For better relations of Occupational Therapists

Mie Nishihama, Taiti Ogishi, Yoshie Kosaka, Yumiko Nagamine, Yasuhsua Imawaka

1Department of Rehabilitation, Shigei Hospital

透析患者を支える家族−作業療法士の関わり

The Study of the Application of ADOC in the Views and Practice of Occupational Therapist

Kazuki Shimizu, Yuri Hirabayashi, Masami Yamauchi, Bergado Gretchten, Yasuo Kumagai

1Rehabilitation Dept., Zenjokai Rehabilitation Hospital, 2Home Nursing Station Sakura, 3Institution of Geriatric Health Services Silpis Osisko

作業選択意思決定支援ツール (ADOC) を使用することが作業療法士の実践や認識に与える影響

Occupational Therapy for the early Parkinson’s disease

Hiromi Shimazaki, Asuka Ota, Kohi Satō

1Rehabilitation Center, Sapporo Higashi Tokushukai Hospital

初期のパーキンソン病に対する作業療法

Hand therapy after flap reconstruction in the fingertip injury: Prevention of contracture of the proximal interphalangeal joint

Koji Ibe, Ayumu Echigo, Yoshikiko Tsuchida

1Orthopaedics Trauma Center, Sapporo Tokushukai Hospital

指拡張手術における皮弁再建術後のハンドセラピー−PIP 関節の拘縮予防

Examination of the factors that encourage routine paralytic arm participation in stroke patients

Toyoaki Watanabe, Hiroyuki Miyasaka, Yuko Ouyama, Mitsunobu Kohno, Shigeru Sonoda

1Nanakuri Sanatorium, Fujita Health University, 2Fujita Memorial Nanakuri Institute, Fujita Health University, 3Department of Occupational Therapy, Faculty of Health Sciences, Kinjo University

脳卒中患者における麻痺側上肢の日常的な参加を促進させる要因の検討

The Importance of Occupational Choice through a Narrative Approach in a Younger Spinal-cord Injury Case

Ryosuke Yamaguchi, Tamami Aida

1Rehabilitation Dept., The Salvation Army Booth Memorial Hospital, 2Student of Graduate School of Rehabilitation, Meijiro University, 3Graduate School of Rehabilitation, Meijiro University

ナラティブを通じて得られた若年頚髄損傷者の作業種目選択の重要性
Experience of the occupational therapy for the Eisenmenger syndrome patient: Using AMPS
Koji Kumano¹, Tomohiro Hayuka¹, Naoto Matsuda¹, Kouzaburou Maeda¹, Hiroaki Murata¹
¹Department of Rehabilitation, Panasonic Health Insurance Organization Matsushita Memorial Hospital

Eisenmenger症候群患者に対する作業療法の経験—AMPSを用いての検討
熊野宏一, 羽根田正宏, 松田真一, 前田幹三郎, 村田博昭

Correlations between changing self-evaluation in ADL and recovery process in patients with stroke: With an ADL self-evaluation sheet
Takeyoshi Iwao¹, Nobuo Ohshima²
¹Rehabilitation department, Kanto Rosai Hospital, ²Tokyo Metropolitan University Graduate School of Human Health Science

労働者健康福祉機構関東労災病院中央リハビリテーション部, 首都大学東京大学 神経内科

Case study of a mother with sever hemiplegia and cognitive deficit who successfully left hospital to live with the daughter: Through intervention on ADL and cooking
Takuya Nakai
Rehabilitation Dept., Medical corporation Yokohamahakuhokai Nishi Yokohama International Hospital

小儿心臓病合併症患児に対するIADLトレーニングの検討
髙橋千秋, 阿部和夫
大阪大学医学部附属病院, 大阪保健医療大学

Effects of pain and pain catastrophizing on health-related quality of life in total knee arthroplasty patients
Yuki Hiraga¹, Nami Ikejiri¹, Yashuhiro Miyata¹, Takayuki Hirano¹, Tomomi Seki¹
¹Rehabilitation Deot., Fukuoka Rehabilitation Hospital

痛みと破壊的思考が人工膝関節置換術後の健康関連QOLに与える影響
平野貴之, 池尻奈美, 宮田康弘, 平野雅之, 田村 友美
立てこもりリハビリテーション病院リハビリテーション部

Experience of Occupational Therapy for Terminal Cancer Patients in Hospital
Shiori Tani¹, Kimihisa Ishikawa¹, Tomoyuki Ueno¹, Kiyoshi Eguchi¹, Kazuko Iwai²
¹Rehabilitation Center, Tsukuba University Hospital, ²Department of Occupational Therapy, Ibaraki Prefectural University of Health Sciences

入院中の終末期がん患者に対する作業療法経験
谷 勝之, 石川公久, 上野友之, 江口 清, 岩井和子
茨城大学附属病院リハビリテーション部, 茨城県立医療大学作業療法学部

An Approach Using Occupation and Its Effect on Acute CVA Patients
Haruko Yamamoto¹, Tamako Miyamae²
¹Social welfare corporation Harmony, ²Occupational Therapy Dept., Seirei Christopher Univ

急性脳血管障害患者に対する作業を用いたアプローチとその効果
山本雅子, 宮前真子
社会福祉法人ハルモニア, 神聖クリストファー大学作業療法学部

The behavioral change of traumatic brain injury is captured: The Wessex Head Injury Matrix (WHIM)
Koji Nishikawa¹, Maki Ueno¹, Hiroko Yamada¹, Shigeru Senda¹, Shigeru Munemoto¹
¹Rehabilitation department, Ishikawa prefectural central hospital

外傷性脳損傷の行動変化を捉える—The Wessex Head Injury Matrix (WHIM)
西川晃志, 上野真季, 山田博子, 千田 茂, 宗本 滋
石川県立中央病院リハビリテーション部
Comparison of straining during defecation in two position: a pilot study
Po-Chih Chen¹, Pei-Sin Jian²
¹Occupational Therapy, Rehabilitation Dept., Kaohsiung Chang Gung Memorial Hospital, ²Occupational Therapy Dept., National Chung Kung University

The relationships between quality of life and family support of stroke patients
In-Hye Bak¹, So-Won Park², Hyuk-Cheol Kwon³
¹Dept. of Occupational Therapy, Gumi University, ²Graduate dept. of Rehabilitation Science, Daegu University, ³Dept. of Occupational Therapy, Daegu University

Efficacy of self-administered facial stretching for systemic sclerosis
Naoki Mugii¹, Sachie Oohata¹, Minoru Hasegawa², Kazuhiko Takehara², Hujiko Someya³
¹Division of Rehabilitation, Kanazawa University Hospital, ²Department of Dermatology, Kanazawa University Hospital, ³School of Health Sciences, Kanazawa University

A gesture production process in three ideomotor apraxic patient’s abilities
Daisuke Shimizu¹, Tadahiro Okamura¹, Rumi Tanemura²
¹Department of Rehabilitation Science, Osaka Health Science University, ²Department of Rehabilitation Science, Kansai Rehabilitation Vocational School, ³Department of Rehabilitation Science, Kobe University Graduate School of Health Sciences

Early mobilization after flexor digitorum superficialis tendon repair: two case reports with literature review
Hideki Aburai¹, Kazuyuki Tsasaki¹, Nobuhiko Nonaka¹, Eiji Kaida², Youichi Miyazaki²
¹Rehabilitation Dept., Aino Memorial Hospital, ²Aino Memorial Hospital

Deep-sea fishing, family, and possibilities leading to a new life
Ryohei Kishita¹
¹Department of Rehabilitation, kashiigaoka Rehabilitation Hospital

The viewpoint of intervention by occupational therapy for recur of lymphedema
Tomomi Nishi¹, Fumihiko Tamura²
¹South Matsuyama Hospital, ²Southern Ehime Medical Academy

The current state of supports by the interdisciplinary team in palliative care: Analysis from the perspective of occupation
Tsubasa Shoji¹, Waka Murata¹, Yoko Asano¹, Kyoysuke Oshima¹, Shan Yun¹
¹Graduate School of Health Sciences, HOKKAIDO UNIVERSITY, ¹Faculty of Health Sciences, HOKKAIDO UNIVERSITY, ¹Department of Rehabilitation Sciences, Health Sciences University of Hokkaido

PPD 20-18 14:30～15:30
Comparison of straining during defecation in two position: a pilot study
Po-Chih Chen¹, Pei-Sin Jian²
¹Occupational Therapy, Rehabilitation Dept., Kaohsiung Chang Gung Memorial Hospital, ²Occupational Therapy Dept., National Chung Kung University

PPD 20-19 10:00～11:00
The relationships between quality of life and family support of stroke patients
In-Hye Bak¹, So-Won Park², Hyuk-Cheol Kwon³
¹Dept. of Occupational Therapy, Gumi University, ²Graduate dept. of Rehabilitation Science, Daegu University, ³Dept. of Occupational Therapy, Daegu University

PPD 20-20 14:30～15:30
Efficacy of self-administered facial stretching for systemic sclerosis
Naoki Mugii¹, Sachie Oohata¹, Minoru Hasegawa², Kazuhiko Takehara², Hujiko Someya³
¹Division of Rehabilitation, Kanazawa University Hospital, ²Department of Dermatology, Kanazawa University Hospital, ³School of Health Sciences, Kanazawa University

PPD 20-21 10:00～11:00
A gesture production process in three ideomotor apraxic patient’s abilities
Daisuke Shimizu¹, Tadahiro Okamura¹, Rumi Tanemura²
¹Department of Rehabilitation Science, Osaka Health Science University, ²Department of Rehabilitation Science, Kansai Rehabilitation Vocational School, ³Department of Rehabilitation Science, Kobe University Graduate School of Health Sciences

PPD 20-22 14:30～15:30
Early mobilization after flexor digitorum superficialis tendon repair: two case reports with literature review
Hideki Aburai¹, Kazuyuki Tsasaki¹, Nobuhiko Nonaka¹, Eiji Kaida², Youichi Miyazaki²
¹Rehabilitation Dept., Aino Memorial Hospital, ²Aino Memorial Hospital

PPD 20-23 10:00～11:00
Deep-sea fishing, family, and possibilities leading to a new life
Ryohei Kishita¹
¹Department of Rehabilitation, kashiigaoka Rehabilitation Hospital

PPD 20-24 14:30～15:30
The viewpoint of intervention by occupational therapy for recur of lymphedema
Tomomi Nishi¹, Fumihiko Tamura²
¹South Matsuyama Hospital, ²Southern Ehime Medical Academy

PPD 20-25 10:00～11:00
The current state of supports by the interdisciplinary team in palliative care: Analysis from the perspective of occupation
Tsubasa Shoji¹, Waka Murata¹, Yoko Asano¹, Kyoysuke Oshima¹, Shan Yun¹
¹Graduate School of Health Sciences, HOKKAIDO UNIVERSITY, ¹Faculty of Health Sciences, HOKKAIDO UNIVERSITY, ¹Department of Rehabilitation Sciences, Health Sciences University of Hokkaido

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Occupational therapy after arthroscopic repair of massive rotator cuff re-tears
Yusuke Iwashashi1, Takashi Tochino2, Satoshi Nakae1, Shinichi Kuriyama1
1Dept. of Rehab, Aishinkai Nakae Hospital, 2Dept. of Orthopedics, Aishinkai Nakae Hospital, 3Dept. of Orthopedics, Japanese Red Cross Wakayama Medical Center

The factors causing the reduction in performance of occupation after discharge of the rehabilitation hospital
Naoko Kimura1,2, Tatsunori Sawada1, Masahiro Ogawa1, Koji Kobayashi1, Mariko Yoshino1
1Department of Occupational Therapy, University of Tokyo Health Science, 2Department of Rehabilitation, IMS Itabashi Rehabilitation Hospital, 3Department of Occupational Therapy, Mejiro University, 4Graduate School of Comprehensive Human Sciences, Tsukuba University

Relevancy of disease activity to upper extremity function and QOL in rheumatoid arthritis patients: Based on the results of DAS28CRP, STEF and DASH
Atsuko Ninomiya1, Masahiko Yasuda1, Yuuko Kurebayashi1, Yumi Oomori1, Masaharu Hayashi1
1Hot spring of rehabilitation Nakaiu hospital

Treatment involving the gradual use of splints for a case of index finger extensor tendon rupture operated more than 2 weeks after injury: a case report
Kensuke Taguchi1, Izumi Yoshizawa1, Hiroyuki Ozawa1, Hiroyuki Chino1, Masahiro Abo1
1Department of Rehabilitation, The Jikei University Hospital, 2Department of Orthopaedic Surgery, The Jikei University School of Medicine, 3Department of Rehabilitation Medicine, The Jikei University School of Medicine

The effect of proprioceptive discrimination task in a case of cerebellar ataxia
Nanae Sato1, Kenji Oue1, Masashi Kouno1, Satoko Ohmatsu1, Takanori Tominaga1
1Department of Neurology, The Jikei University School of Medicine, 2Department of Orthopaedic Surgery, The Jikei University School of Medicine, 3P.O. Research

10 Cases of Amputation of Upper extremity due to Malignant Bone and Soft-Tissue Tumors
Takuro Sakurai1, Katsumi Makabe2, Akira Kawai3
1Dept. of Musculoskeletal Oncology and Rehabilitation, National Cancer Center Hospital, 2P.O. Research

Venting of volitional motion has changed through the occupation: a case report: Using Volitional Questionnaire (VQ)
Ayumi Numata1
1Ohta General Hospital Foundation, University Ohta Atami Hospital

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An occupational perspective of hinder in doing daily occupations after a serious hand injury
Ragnhild Cederlund1, Lars Dahlin1, Lena-Karin Erlandsson1
1Occupational Therapy and Occupational Science, Department of Health Sciences, 2Hand Surgery, Skane University Hospital, Lund University, Department of Clinical Sciences

A treatment and assessment of the adaptive gait for the stroke patient: Study of the treatment for three cases
Daisuke Araki1, Tetsuya Karita1, Yasufumi Kadonaga1, Akihiro Matsuura1, Katsuki Hayashi1
1Department of Rehabilitation, Daisen Rehabilitation Hospital, 2Department of Rehabilitation, Seiai Rehabilitation Hospital

Botulinum toxin type A injection combined with simple hand splint for chronic stroke patient: a case report
Fuminori Futami1, Etuko Oosumi1, Tadashi Kubo1
1Department of Rehabilitation, Sanuki Municipal Hospital

The effect of repetitive facilitation exercise (RFE) on bed mobility of a hemiplegic patient
Yuki Kozutsumi1, Yuki Saito1
1Rehabilitation center, Ohta General Hospital Foundation, University Ohta Atami Hospital

Botulinum toxin type A injection combined with simple hand splint for chronic stroke patient: a case report
Tadashi Kubo1, Miyuki Ito1, Kimihisa Ishikawa1, Tomoyuki Ueno1, Kiyoshi Eguchi1
1Department of Rehabilitation, University of Tsukuba Hospital, 2Faculty of Medicine, University of Tsukuba

The working group’s efforts on the long term admitted patients at the blood diseases hospital ward
Yoshie Okamoto1, Yumiko Ota1, Yoko Yaginuma1
1Occupational therapy department, General incorporated foundation Ota comprehensive hospital University Ota Nishinouchi hospital

The process of reacquiring roles in stroke survivors
Toshiei Nishikawa1,2, Hiromi Imuta2
1Graduate school of Human Health Sciences, Tokyo Metropolitan University, 2Graduate school of Human Health Sciences, Tokyo Metropolitan University

Elderly / 老年期障害

The process of reacquiring roles in stroke survivors
Toshiei Nishikawa1,2, Hiromi Imuta2
1Graduate school of Human Health Sciences, Tokyo Metropolitan University, 2Graduate school of Human Health Sciences, Tokyo Metropolitan University
Factors related to maintaining motivation of users of a special nursing home for the elderly
Koji Tanaka1, Chihori Takebayashi2, Manami Yamamoto3, Toshio Higashi4, Goro Tanaka4
1Graduate School of Biomedical Sciences Department of Health Sciences, Nagasaki University, 2Miharadai Hospital, 3Gifu Central Hospital, 4Graduate School of Biomedical Sciences and Dental Sciences, Nagasaki University

Application of a cycling wheelchair to occupational therapy
Koseli Mitsuhashi1, Kazunori Seki1, Yasunobu Handa1
1Department of Occupational Therapy, Senndai School of Health and Welfare

An example of a patient with Parkinson’s disease with repeated falls despite repeated risk communications
Eri Fujita1
1Department of Rehabilitation Technology, Hatsukaichi Memorial Hospital

Screening for mild cognitive impairment with imitation of meaningless finger configurations without visual feedback
Tomoyuki Fukuka1,2, Naoto Kamimura1, Masaki Sogo1,2, Fumino Okutani1, Hideto Kaba1
1Department of Occupational Therapy, Tosa Rehabilitation college, 2Integrated Arts and Sciences, Kochi University Graduate School, 3Department of Neuropsychiatry, Kochi Medical School, 4Department of Physiology, Kochi Medical School

Application of group occupational therapy for symptoms of unilateral spatial neglect (USN) in patients with dementia
Jun-Ichi Kawaguchi1,2
1Rehabilitation Dept., Yuki Hospital

Involvement in decision-making to set goals for returning to work using Aid for Decision-making in Occupation Choice: a case report
Hitoshi Shimoju1,2, Yuki Saito1,2, Kounosuke Tomori2
1Rehabilitation Dept., Ohta General Hospital Foundation, Ohta Atami Hospital, 2Department of Occupational Therapy, Kanagawa University of Human Services

Assessment of occupational therapy for stroke patients in the convalescent rehabilitation stage from the social functioning perspective
Hiroyuki Hanafusa1, Tomoko Fujiki1, Hiroko Kodama1, Hisako Shinkawa3, Nobuhiro Nara4
1Rehabilitation Dept., Yanagawa Rehabilitation Hospital, 2Takagi Hospital, 3Dept. Occupational Therapy Faculty of Fukuoka Rehabilitation, International University of Health and Welfare, 4School of Health Sciences, Tokyo University of Technology

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1Graduate School of Biomedical Sciences Department of Health Sciences, Nagasaki University, 2Miharadai Hospital, 3Gifu Central Hospital, 4Graduate School of Biomedical Sciences and Dental Sciences, Nagasaki University
Effects of Toilet Room Modification on the Elderly’s Toileting Ability: Focusing on Toilet-related FiM Scores
Masaki Sogo1,2, Sanae Hatada1,3, Tomoyuki Fukuoka1,4, Koari Sirai1,2, Satosi Nakazora1,2
1Tosa Rehabilitation College, 2Graduate School of Integrated Arts and Sciences Master’s Course, Kochi University, 3Graduate School of Integrated Arts and Sciences Doctor’s Course, Kochi University, 4Emergency Care Nursing Faculty Yumenosato

An Origami Program for an Older Patient with Dementia: To use Origami to improve cognitive and motor function in patients with dementia
Takashi Ishikawa, Masato Miyoshi, Wataru Imura

Development of the Future Time Perspective Program for the promotion of the health of community-dwelling older adults in Japan
Gen Higashino1, Waka Murata2, Tsubasa Shoji3, Shan Yun4
1National Hospital Organization Minami Wakayama Medical Center, 2Faculty of Health Sciences, HOKKAIDO UNIVERSITY, 3Graduate School of Health Sciences, HOKKAIDO UNIVERSITY

Facilitation of the non-intentional utterance of understandable words in Wernicke aphasia patients: A case report
Hitomi Karato1, Toru Honda1
1Rehabilitation Dept., Kagawa Prefectural Central Hospital

The Posture Characteristic of Elderly People With Incomplete Pulling Up of Lower Wear in Their Daily Life
Watari Imura1, Daisuke Oomori1, Chihiro Kuramoto1, Chihiro Natou2, Keiho Hirata3
1Department of Occupational Therapy, Tamano Institute of Health and Human Services, 2Geriatric Health-Care Facility: Esperance, 3Kojima Central Hospital, 4Ochii Hospital, 5Geriatric Health-Care Facility: Mimakoyama Nursing Home

An Origami Program for an Older Patient with Dementia: To use 8 processes Origami
Masato Miyoshi1, Kumiyo Sasao2, Toshiyuki Ishioka3, Hiromi Nakamura2, Toiyohiro Hamaguichi4
1Department of Occupational Therapy, Souai nursing home, 2Department of Occupational Therapy, Saitama Prefectural University, 3Graduate School of Health Science

Utility of Westmead Home Safety Assessment ver. Japanese (WEHSA-J) for the patients with terminal cancer
Satoshi Tamaki1, Tomoko Kamimura1, Aya Hasegawa2, Yoichi Uozumi1, Akiko Okajima1
1Rehabilitation Dept., Kamiiida Daiichi General Hospital, 2Medical Department Health, Shinshu University, 3Cranial Nerve Surgery, Kamiiida Daiichi General Hospital, 4Surgery, Kamiiida Daiichi General Hospital

Dissatisfaction with occupational therapy support for the disabled elderly after discharge from hospital: a comparison between one month after discharge and during hospitalization
Takashi Ishikawa1, Ayuto Kodama2,3, Megumi Tsugaruya1,2, Takao Yuasa4
1Graduate School of Health Sciences Department of Occupational Therapy, Akita University, 2Graduate School of Health Sciences Doctor Course, Akita University, 3Department of Rehabilitation, Kodama Clinic

16th International Congress of the World Federation of Occupational Therapists in collaboration with the 48th Japanese Occupational Therapy Congress and Expo

June 20 (Fri) Poster Session June 19 (Thu) June 18 (Wed) June 21 (Sat)

PEL 20-9 10:00～11:00

PEL 20-10 14:30～15:30

PEL 20-11 10:00～11:00

PEL 20-12 13:40～15:30

PEL 20-13 10:00～11:00

PEL 20-14 10:00～11:00

PEL 20-15 14:00～15:30

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<td>PEL 20-16</td>
<td>14:30~15:30</td>
<td>Impaired fine motor skills prior to object contact in Alzheimer’s disease patients</td>
<td>Yoshiki Tamaryu, Yasuo Naito, Takashi Nishikawa</td>
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<td>¹Facility or Rehabilitation, Shijonawate Gakuen University, ²Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University</td>
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<td>PEL 20-18</td>
<td>14:30~15:30</td>
<td>The case returned to home smoothly as her family could foresee their home life: Importance of early concerning with her family</td>
<td>Yusaku Ohiwa, Masako Fuchi</td>
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<td>家族が在宅生活を見送ることができることで、円滑に在宅復帰できた事例−早期から家族と関わる重要性</td>
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<tr>
<td>PEL 20-19</td>
<td>10:00~11:00</td>
<td>The Effect of Occupational Therapy on the Elderly with Feeding-Eating Problems</td>
<td>Hiroyasu Shiozu, Tomoshige Koga, Misako Higashijima</td>
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<td>¹Doctoral course, Department of Rehabilitation, Graduate School of Health Science and Technology, Kawasaki University of Medical Welfare, ²Geriatric Health Services Facility KIRARI, ³Department of Rehabilitation, Graduate School of Health Science and Technology, Kawasaki University of Medical Welfare, ⁴Department of Health Sciences, Graduate School of Biomedical Sciences, Nagasaki University</td>
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<td>PEL 20-20</td>
<td>14:30~15:30</td>
<td>The Active Ageing (AA) concept in residential care: challenges for Occupational Therapists</td>
<td>Patricia De Vriendt, Elise Cornelis, Valerie Desmet, Ruben Vanbosseghem, Van Malderen Lien Gorus, Ellen Dominique Van de Velde</td>
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<td>¹Dep. Health care Occupational Therapy and Nursing, University College Artevelde Ghent, ²Fac. Medicine and Farmacy/Dep Gerontology/Frailty in Ageing Research Group, Vrije Universiteit Brussel, ³Fac. Medicine and Health Sciences Dep Occupational Therapy, Ghent University, ⁴Dep. Geriatrics, Universitair Ziekenhuis Brussel</td>
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<td>PEL 20-21</td>
<td>10:00~11:00</td>
<td>Changes in activity time in disabled elderly individuals</td>
<td>Takashi Nishizawa, Junko Yamaguchi, Kouji Watanabe, Yuka Sekimoto, Takumi Fukuda</td>
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<td>Rehabilitation Dept., Oume Keiyu Hospital</td>
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<td>PEL 20-22</td>
<td>14:30~15:30</td>
<td>Experimental study of fall prevention: using wheel chair assisting table in patient with spinocerebellar degeneration</td>
<td>Yukiko Hieda, Masayuki Uchi, Teturou Kanzaki, Takayo Urabe, Hideo Kozima</td>
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<td>¹Rehabilitation section, Kamome Medical Care Center, ²Rehabilitation section, Toho University Medical Center</td>
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<tr>
<td>PEL 20-23</td>
<td>10:00~11:00</td>
<td>Self body recognition after body representation by sensory integration; a case report</td>
<td>Atsuko Ogasawara, Kaoru Okita, Manabu Okita</td>
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<td>¹Rehabilitation Dept, atego hospital, ²medicine system graduate course, kochi univerty graduature school</td>
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(For the rest of the sessions, please refer to the PDF for detailed information.)
16th International Congress of the World Federation of Occupational Therapists
in collaboration with the 48th Japanese Occupational Therapy Congress and Expo

**PEL 20-24** 14:30~15:30

Elements that make up the satisfaction of bathing the elderly with disabilities
Megumi Murotani1, Juunya Oorii2, Natsumi Hasa3, Kiyomi Tateyama2, Kazuo Higaki2

Kyuwu wa visit nursing station, Rehabilitation Studies, Osaka Prefecture University Graduate School, Higasikai hospital, Orange hospital

障害有者者の入浴の満足度を構成する要素について

室谷 恵1, 大熊 竜2, 羽佐奈美3, 立山 泰夫2, 日本一男2

理学療法士講座ステーション、大阪府立大学大学院総合リハビリテーション学研究科、東京医療機関、オレンジホスピタル

**PEL 20-25** 10:00~11:00

Sequential errors, omissions and perplexity in activities of daily living: a case report
Kumiko Kato1, Miyuki Nojiri1, Hiroki Sato1, Keiichi Ito1, Yoshihisa Kida1

Rehabilitation Dept., Kamiida Rehabilitation Hospital, Cranial Nerve Surgery, Kamiida Rehabilitation Hospital

日常生活動作において順序の誤りや省略を呈した一症例

加藤久美1, 野沢美幸1, 佐藤邦雄1, 伊東慶一1, 木村義久1

上飯田リハビリテーション病院リハビリテーション科, 上飯田リハビリテーション病院脳神経外科

**PEL 20-26** 14:30~15:30

Possibility of occupational therapy support for patients with diabetes
Yuichi Narita1

Department of Rehabilitation, Hitachi, Ltd., Hitachi Yokohama Hospital

糖尿病患者に対する作業療法支援の可能性

成田慎一1

株式会社 日立製作所 日立横浜病院リハビリテーション室

**PEL 20-27** 10:00~11:00

Summary of Personalized Preventive Care Program and Presentation and Report on the Results
Naoki Mori1, Norikazu Kobayashi1, Atsushi Hara1

Day-care Center Tsudoi, Okumura Medical Clinic, Graduate School of Human Health Science, Tokyo Metropolitan University

自己選択型オーダーメイド介護予防プログラムの概要と試行結果の報告

森 直樹1, 小林友一1, 原 真1

内科クリニック・オクムラメディケアセンターつどい, 首都大学東京大学人間保健科学研究科

**PEL 20-28** 14:30~15:30

A Consideration of Environment Adjustment for Patients with Semantic Dementia (SD)
Sachiko Shiraki1, Mika Oshioka1, Yuri Kitamura1

nanohana clinic

意味性認知症（SD）者に対する環境調整についての一考察

白木幸子1, 押岡美香1, 北村ゆり1

栃の花診療所

**PEL 20-29** 10:00~11:00

Home-visit rehabilitation individually planned by OT resulted good outcome for three elderly persons with pressure ulcers
Tomoko Nakazawa1, Kazuya Shiroyama1, Hitomi Mastuda1, Miyuki Yamada1, Kunio Tsukada1

Rehabilitation Dept., Medical Corporation KENIKA Takaoka Station South Clinic

OTによる3名の高齢者の高齢者の訪問リハビリテーションにおける良好な成績

中沢知子1, 菅原和也1, 松田真実1, 山田美穂1, 塚田裕1

医療法人研医会高岡病院クリニックリハビリテーション部

**PEL 20-30** 14:30~15:30

Wheelchair seating for both below-knee amputee: Trial of creating of leg support
Mayumi Maeda1, Kyoko Nagayoshi1

Rehabilitation Room, Watanabe Hospital

両下諸切断者の車いすシーティングルーミングサポート作成の試み

前田友由美1, 永谷和子1

医療法人 静寿会 渡辺病院リハビリテーション室

**PEL 20-31** 10:00~11:00

Deformity of hands in adults with intellectual disabilities, and the influence on activities of daily living
Akihiro Sato1

Department of occupational therapy, Faculty of health sciences, Mejiro University

加齢に伴う成人知的障害者の手の変形とADLへの影響

佐藤明1

目白大学保健医療学部作業療法学科

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<tr>
<td>PEL 20-32</td>
<td>14:30～15:30</td>
<td>Necessity and System of Seating for Elderly using Standard Wheelchair : Introduction of an Easy and Inexpensive Seating System</td>
<td>Shiori Sumi&lt;sup&gt;1&lt;/sup&gt;, Yoshihisa Sato&lt;sup&gt;2&lt;/sup&gt;, Kaori Sato&lt;sup&gt;3&lt;/sup&gt;, Satoshi Boura&lt;sup&gt;4&lt;/sup&gt;, Mami Kadosawa&lt;sup&gt;5&lt;/sup&gt;</td>
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|            |       | 標準型車いす利用の障害高齢者に対するシーティング必要性とあり方の検討−簡易で安価なシーティングシステムの導入経験より                                                                 |<sup>1</sup>Department of Rehabilitation, Sendai Tomizawa Hospital,  
<sup>2</sup>Faculty of Health Science, Department of Rehabilitation, Tohoku University     |
| PEL 20-34  | 14:30～15:30 | Occupational therapy for the act of bathing for a COPD patient                                                                                                                                         | Hiroki Taguchi<sup>1</sup>, Rina Takahashi<sup>2</sup>, Mitsugu Onuki<sup>3</sup>, Yoshikazu Kanno<sup>4</sup>, Satoru Oozeki<sup>5</sup> |
|            |       | COPD 患者の入浴動作に対する作業療法の経験                                                                                                                                                        |<sup>1</sup>Department of Rehabilitation, Dokkyo Medical University Koshigaya Hospital      |
| PCP 20-1   | 10:00～11:00 | The experience that I was involved in CBR program in the Rural area in the Philippines                                                                                                              | Akiko Shibata<sup>1</sup>                                                                 |
|            |       | フィリピン Rural area での CBR program に携わって                                                                                                                                                    |<sup>1</sup>Rehabilitation Dept., Nagano prefectural Rehabilitation Center                 |
| PCP 20-4   | 14:30～15:30 | The Lived Experience of Homeless Mothers Participating in an Occupational Therapy Leisure Craft Group at a Family Shelter                                                                          | Winifred Schultz-Krohn<sup>1</sup>, Mira Goodman<sup>2</sup>, Janet Lovitt<sup>3</sup>, Diane Warzecha<sup>4</sup>, Beth Keener<sup>5</sup> |
|            |       | COPD 患者の入浴動作に対する作業療法の経験                                                                                                                                                    |<sup>1</sup>Occupational Therapy, San Jose State University                               |
| PCP 20-5   | 10:00～11:00 | A case report of polyneuropathy in a patient with type 1 diabetes mellitus                                                                                                                          | Tomoko Miyata<sup>1</sup>                                                                 |
|            |       | Ⅰ型糖尿病の治療コントロール中に多発性ニューロパチーを発症した症例                                                                                                                                |<sup>1</sup>Rehabilitation Deot, Science City Hospital                                   |
| PCP 20-6   | 14:30～15:30 | Current Status and Issues of Educational Opportunities for Disabled Children in Nepal : User Survey in a Physical Rehabilitation Center                                                               | Junko Watanabe<sup>1</sup>, Tulasa K.C.<sup>2</sup>                                           |
|            |       | ネパールにおける障害児の教育機会の現状と課題−Physical Rehabilitation Centre 利用者調査を通じて                                                                                                      |<sup>1</sup>Department of Occupational Therapy, College of Medical and Human Services in Toyama,  
<sup>2</sup>Physical Rehabilitation Centre   |
<p>| PCP 20-8   | 14:30～15:30 | Development of a Handrail that Assists Climbing Up and Down a Stair Road to Encourage Going Out in Inner City Areas with Slopes                                                                      | Eiji Kitajima&lt;sup&gt;1&lt;/sup&gt;                                                                 |
|            |       | 斜面市街地の外出を支援する階段昇降アシスト手すりの開発                                                                                                                                          |&lt;sup&gt;1&lt;/sup&gt;Center for Industry, University and Government Cooperation, Nagasaki University |</p>
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<th>Session</th>
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<th>Authors</th>
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<tr>
<td>PCP 20-9</td>
<td>10:00~11:00</td>
<td>Family Functions of Persons with Disability Caused by Stroke at Home</td>
<td>Mayuko Hirota, Mitsuo Nakamura, Mariko Nakamura</td>
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<td>Ask</td>
<td>14:30~15:30</td>
<td>The need of occupational therapy for community support: Current status of mental health services in an urban area of Japan</td>
<td>Shinichi Ishikawa, Hitomi Shibashi, Nobuhito Nara, Ikuo Yamazaki</td>
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<td>PCP 20-10</td>
<td>10:00~11:00</td>
<td>Occupation and Occupational Therapy for Community Based Inclusive Development</td>
<td>Miho W. Yoshida</td>
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<td>14:30~15:30</td>
<td>That visit occupational therapist is supported in order to achieve the culmination of the work of the 55-year potter</td>
<td>Kiyotaka Nakamori, Tomoya Iguchi</td>
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<td>Home nursing station Kaga, Geriatric health services facilities Kaganosou, Osaka Health Science University</td>
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<td>PCP 20-11</td>
<td>10:00~11:00</td>
<td>City planning from the viewpoint of occupational therapists</td>
<td>Takashi Terakado, Koichi Ohnaka, Kunihiko Suzuki, Takaji Suzuki</td>
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<td>Physical Medicine and Rehabilitation, Shimura Omiya Hospital, Ibaraki Northwest General Rehabilitation Center, Japan School of Health Sciences Department of Occupational therapy, International University of Health and Welfare Odawara campus</td>
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<td>PCP 20-12</td>
<td>10:00~11:00</td>
<td>A Grounded Theory Account of a Proactive Approach in Thai Community Occupational Therapy</td>
<td>Supaluck Phadsri, Wilaiwan M. Snow, Maethisa Pongsaksri</td>
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<td>Department of Occupational Therapy, Faculty of Associated Medical Sciences, Chiang Mai University, Thailand</td>
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<td>PCP 20-13</td>
<td>10:00~11:00</td>
<td>Establishing an Health Promoting Palliative Care (HPPC) initiative for pre-registration occupational therapy (OT) students</td>
<td>Joanna Beveridge, Linda Renton</td>
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<td>Occupational Therapy, Queen Margaret University</td>
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A report of support for cognitive disabled with working preparation: Importance to utilize social resources
Hitomi Koakutsu1, Takaji Suzuki2, Kunihiko Suzuki3, Koichi Ohnaka4
1Social welfare corporation Hakuyukai Freude kobo shirosato, 2Physical Medicine and, Medical Corporation Hakujinkai Shimura omiya hospital, 3School of Health Sciences Department of Occupational therapy, International University of Health and Welfare Odawara campus

High-cerebral-vascular damage aid-support assistance-program and social resources-utilization importance about
Koichi Shiraishi1,2, Kazumi Miyahira1, Akiko Nakamura2,3,4
1Japan Cerebral-vascular disease Association, 2Shizuoka Neurosurgical Hospital, 3Hyogo Prefectural Rehabilitation Hospital, 4Medical Corporation Hakujinkai Shimura omiya hospital

How Capgras syndrome affects everyday life?
Mitsutoshi Yamazaki1,2, Bergado Gretchen1
1Home Nursing Station Sakura, 2Rehabilitation Dept., Zenjokai Rehabilitation Hospital, 3Institute of Geriatric Health Services Silpis Ohiso

The characteristic looked at by the occupational therapist who clerks regionally
Aki Ohara1, Hirooki Miyazaki2
1Tatsuno city a local activity and a consultation support center, enable

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International cooperation of Japanese Occupational therapists: Activities and issues of Japan Overseas Cooperation Volunteers
Masayuki Watanabe1, Yoshihisa Sato2
1Faculty of Health and Medical Sciences, Tokoha University, 2Faculty of Health Science, Department of Rehabilitation, Tohoku Fukushima University

Japanese Overseas Cooperation Volunteers: Implication of the cooperative programs in regional cooperation 
Hitomi Koakutsu1, Takaji Suzuki2, Koichi Ohnaka3
1Physical Medicine and, Medical Corporation Hakuyukai Freude kobo shirosato, 2School of Health Sciences Department of Occupational therapy, International University of Health and Welfare Odawara campus

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What does the occupational therapist consider in their work?
Koichi Ohnaka3
3School of Health Sciences Department of Occupational therapy, International University of Health and Welfare Odawara campus
### Consultation Support Service to Help Families Understand Patients Suffering from Cognitive Dysfunction and Enable Them to Return to School for Individuals with Cognitive Dysfunctions in Our Center

<table>
<thead>
<tr>
<th>Chiaki Unno</th>
<th>Hiroshi Yamada</th>
<th>Takaji Suzuki</th>
<th>Koichi Ohnaka</th>
<th>Kunihiko Suzuki</th>
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</table>

1. Physical Medicine and Rehabilitation, Medical corporation hakuinjikai shimura omiya hospital, 2. School of Health Sciences Department of Occupational Therapy, International University of Health and Welfare Odawara campus, 3. Medical corporation hakuinjikai shimura omiya hospital

### The Making of the Support Network for Elderly People's Life in the Region: Analysis of the Duties of the Hospital Staff

- **Yu Kume**, Takashi Ishikawa, Masahiro Satake, Kazutaka Mitobe, Ken Shibata

1. Department of Occupational Therapy, Graduate School of Health Science, Akita University, 2. Department of Physical Therapy, Graduate School of Health Science, Akita University, 3. Department of Computer Science and Engineering, Graduate School of Engineering and Resource Science, Akita University, 4. Department of psychological Education, Graduate School of Education, Akita University

### Clinical Practice of, and a Questionnaire Survey on the Health Promotion Project for Elderly People in the Community

- **Tomoko Matsuda**

1. occupational therapy room, sumiyoshi hospitual

### Thoughts on Societal Participation and Contribution through Sports: Futsal Participation and the Mentally Challenged

- **Stephanie Ann Balid**

1. Department of Occupational Therapy, University of Santo Tomas

### The Making of the Support Network for Elderly People's Life in the Region: Analysis of the Duties of the Hospital Staff

- **Kentaro Suzuki**, Tomomasa Sato

1. Faculty of Health Sciences, Kyorin University, 2. Future Center Initiative RT Innovation Consortium, The University of Tokyo

### Occupational Therapy Aimed at Return to School for Individuals with Cognitive Dysfunctions in our Center

- **Asami Kimura**, Maki Sakaimoto, Masahiro Yamamoto, Masaki Nakagawa, Yuko Urakami

1. Rehabilitation Dept., National Rehabilitation Center for Persons with Disabilities

### Project Move: Advocacy of occupational therapy students to increase community mobility access to persons with disability: An innovative project of Occupational Therapy Society from University of Santo Tomas, Philippines

- **Kazusato Sato**, Tomomasa Sato

1. Future Center Initiative RT Innovation Consortium, The University of Tokyo

### The Making of the Support Network for Elderly People's Life in the Region: Analysis of the Duties of the Hospital Staff

- **Masaki Nakagawa**, Yuko Urakami

1. Rehabilitation Dept., National Rehabilitation Center for Persons with Disabilities

### Occupational Therapy Aimed at Return to School for Individuals with Cognitive Dysfunctions in our Center

- **Asami Kimura**, Maki Sakaimoto, Masahiro Yamamoto, Masaki Nakagawa, Yuko Urakami

1. Rehabilitation Dept., National Rehabilitation Center for Persons with Disabilities
Returning to work of patients with complete avulsion of the brachial plexus in middle age

Jun Uchiya¹, Takaaki Aoki², Yoshiyuki Ohno³
¹Department of Rehabilitation Medicine, Gifu University Hospital, ²Department of Orthopaedic Surgery, Gifu University, ³Department of Plastic Surgery, Gifu Municipal Hospital

Mental Health／精神障害

Work stress among vocational support staff in community mental health settings

Aki Kosuga¹, Nozomu Ikeda²
¹Rehabilitation Dept., Asahiyama Hospital, ²School of Health Sciences, Sapporo Medical University

Peer support in mental health care

Goro Tanaka¹, Koji Tanaka¹, Akiko Tokunaga¹, Ryoichiro Iwanaga¹, Hideyuki Nakane¹
¹Nagasaki University Graduate School of Biomedical Sciences

A model evaluation of individuals with serious mental illness among activity participation, sense of coherence, motivation, and depression in relation to quality of life: Based on the salutogenesis theory

Hsin-Hsiu Yeh (Essential)¹, Lin-Jye Huang¹
¹Occupational Therapy Dept., Taipei City Hospital

Multidisciplinary in Psychiatric care: Promoting factor and inhibiting factor on cooperation

Tosho Hasegawa¹, Kentaro Suzuki¹, Yusuke Harada¹, Shinobu Tanaka¹, Mihoko Kanaya²
¹department of occupational therapy, kyorin university, ²department of nursing, niigata university of health and welfare

Uncovering the Value and Meaning of a Horticulture Therapy Program for Clients at a Long-Term Adult Inpatient Psychiatric Facility

Joseph Cipriani¹, Jenna Georgia¹, Megan McChesney¹, Megan Stabler¹, Jaclyn Tschantz¹
¹Occupational Therapy, Misericordia University

Flowers as Occupation: Narrative Inquiry into Shared Experiences by Ikebana Sensei

Ricardo Carrasco¹
¹Department of Occupational Therapy, Nova Southeastern University Tampa
### PMH 20-8 14:30～15:30

**Support for a schizophrenic patient’s transfer to the community**: Through collaboration among multiple professionals

Nobuhiro Kikuchi
Recruitment Dept., Iwate Prefectural Nankou Hospital

### PMH 20-9 10:00～11:00

**Cross-cultural comparison of the stigma associated with persons with schizophrenia**: An investigation of Japanese and South Korean university students

Kenzo Haraguchi, Yeong-Ae Yang, Fusae Ishibashi, Kenji Kamijo, Makoto Taga

### PMH 20-11 10:00～11:00

**Utilization of the natural environment and plants in psychiatric hospitals**: Collaboration of a horticultural therapist with occupational therapists

Takaya Kenmochi, Makiko Tatematsu, Yuuko Tanaka, Kazuki Mori, Hiroshi Yamane

### PMH 20-12 14:30～15:30

**Inter-professional collaboration in the development of a psychiatric rehabilitation system in an acute care unit**

Keiichi Kikui, Masahiro Seki, Masamichi Sawanaka, Keiko Nakayama, Youko Honma

### PMH 20-14 14:30～15:30

**Engaging Culturally and Linguistically Diverse (CALD) Communities in Mental Health**: Findings from a literature review and implications for occupational therapy

Amy Baker, Nicholas Procter, Monika Szokalski

### PMH 20-15 10:00～11:00

**The relationship between knowledge about psychiatry and the social attitude for the person with mental disorder**: The survey for university students

Takao Osanai, Takuhiko Kato, Makoto Tanaka, Kazumaru Wada

### PMH 20-16 14:30～15:30

**The Application of the Caregiver Empowerment in the Community Rehabilitation**

Tzyh-Chyang Chang, Hui-Ching Wu
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<tr>
<th>PMH 20-17</th>
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<td>Influence of instruction on emotional response: Direct instruction versus indirect instruction in an origami task</td>
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<td>Relationship of psychological aspects and role of rheumatoid arthritis patients</td>
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<td>Regional Lifestyle Support for the Elderly using Psychiatric Day Care Centers</td>
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<td>Fumihiro Okazaki¹, Miyuki Okada¹</td>
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<td>Study on Use of Time of Occupations in the Day for Mentally Disabled living in Community</td>
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<tr>
<td>Masashi Kunisada¹, Hirofumi Yamaji¹, Yuki Miyake²</td>
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<td>¹Faculty of Integrated Rehabilitation, Hiroshima International University, ²School of Health Science and Social Welfare, Kibi International University</td>
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<td>Activity as a tool in language training for immigrants and refugees</td>
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<td>Inger Brit Werge-Olsen¹, Kjersti Vik¹</td>
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<td>How can occupational therapy help individuals having mental disorders with high social functioning?: A case report</td>
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<td>Kayano Yotsutomo¹, Masako Okumura¹, Yakeshi Hashimoto¹</td>
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<td>Self-efficacy of schizophrenic patients in their community life: Comparison of long-term users and short-term users of psychiatric day care</td>
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<td>Practice report of the use of occupational therapy in treating hikikomori</td>
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PMH 20-29 10:00～11:00
Subjective Quality of Life in Patients using Psychiatric Home-Visit Nursing Care: Investigation using the WHOQOL-BREF and Global Assessment of Functioning Scales
Wataru Kawamoto1, Yuichi Takano2
1Psychiatric Outpatient Department, Yasuji Daiichi Hospital, 2Occupational Therapist Department, YMCA College of Medical and Human Services in Yonago

PMH 20-30 14:30～15:30
Effects of Occupational Therapy on an Adult with Selective Mutism
Atsuko Yamamoto1, Kaoyo Yotsumoto2, Yoshiteru Takekita2, Shun Takano2, Toshihiko Kinoshita3
1Department of Neuropsychiatry, Kansai Medical University, Takii Hospital, 2Department of Rehabilitation Science, Kobe University Graduate School of Health Sciences

PMH 20-31 10:00～11:00
The effect of depression, recognition function, and activity daily of living on the quality of life after stroke
Min-Kyu Shin1, Dae-Hyuk Kang2
1Dept. of Occupational Therapy, Hanseo University, 2Dept. of Occupational Therapy, Hanseo University

PMH 20-32 14:30～15:30
Everyday life as a treatment tool for change and development of self, for persons with severe mental disability
Marianne L. Bostrom1
1School of Health and Medical Sciences, Orebro University, Sweden

PMH 20-33 10:00～11:00
Contributions of Early Cognitive and Psychosocial Characteristics to Activity Participation One Year After Stroke
Hui-Chun Chen1
1University of Wisconsin-Madison

PMH 20-34 14:30～15:30
The Comparison of Occupational Self Assessment of Schizophrenic Patients: aged 20-40 years and aged 41-60 years in Suwanprun Psychiatric Hospital, Chiang Mai, using Occupational Self Assessment (OSA) in the Thai version
Maethisa Pongsaksri1, Petcharat Makeaw1, Pattanasith Panusorn2
1Department of Occupational Therapy, Faculty of Associated Medical Sciences, Chiang Mai Univeristy, Chiang Mai, Thailand

Education／教育

PED 20-1 10:00～11:00
The associations between executive functions’ capacities, performance process skills, and dimensions of participation in activities of daily life among children of elementary school age
Limor Rosenberg1
1Occupational Therapy, Tel Aviv University

PED 20-4 14:30～15:30
Posture observation training for occupational therapy students from a view point of visual line analysis
Hitomi Mamabe1, Yuichi Ishiura1, Keizou Numata1
1Department of Occupational Therapy, School of Health Care Sciences, Himeji Dokkyo University

PED 20-3 10:00～11:00
Development of a Web-based Self-Assessment System: The Students’ Affective Domain in Clinical Practice
Tomonori Yasuda1, Junichi Iyama2, Kunji Shirahama3, Hitodetsu Matsunaga4, Yuko Mizuno-Matsumoto5
1Faculty of Health Sciences, Kumamoto University Health Science University, 2Faculty of Health and Social Work, Kanagawa University of Human Services, 3Faculty of Health Care Science, Himeji Dokkyo University, 4Graduate School of Applied Informatics, University of Hyogo

PED 20-5 14:30～15:30
Posture observation training for occupational therapy students from a view point of visual line analysis
Hitomi Mamabe1, Yuichi Ishiura1, Keizou Numata1
1Department of Occupational Therapy, School of Health Care Sciences, Himeji Dokkyo University

PED 20-4 14:30～15:30
Posture observation training for occupational therapy students from a view point of visual line analysis
Hitomi Mamabe1, Yuichi Ishiura1, Keizou Numata1
1Department of Occupational Therapy, School of Health Care Sciences, Himeji Dokkyo University

PED 20-5 10:00～11:00
Development of a Web-based Self-Assessment System: The Students’ Affective Domain in Clinical Practice
Tomonori Yasuda1, Junichi Iyama2, Kunji Shirahama3, Hitodetsu Matsunaga4, Yuko Mizuno-Matsumoto5
1Faculty of Health Sciences, Kumamoto University Health Science University, 2Faculty of Health and Social Work, Kanagawa University of Human Services, 3Faculty of Health Care Science, Himeji Dokkyo University, 4Graduate School of Applied Informatics, University of Hyogo

PED 20-4 14:30～15:30
Posture observation training for occupational therapy students from a view point of visual line analysis
Hitomi Mamabe1, Yuichi Ishiura1, Keizou Numata1
1Department of Occupational Therapy, School of Health Care Sciences, Himeji Dokkyo University

PED 20-5 10:00～11:00
Development of a Web-based Self-Assessment System: The Students’ Affective Domain in Clinical Practice
Tomonori Yasuda1, Junichi Iyama2, Kunji Shirahama3, Hitodetsu Matsunaga4, Yuko Mizuno-Matsumoto5
1Faculty of Health Sciences, Kumamoto University Health Science University, 2Faculty of Health and Social Work, Kanagawa University of Human Services, 3Faculty of Health Care Science, Himeji Dokkyo University, 4Graduate School of Applied Informatics, University of Hyogo

PED 20-4 14:30～15:30
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Hitomi Mamabe1, Yuichi Ishiura1, Keizou Numata1
1Department of Occupational Therapy, School of Health Care Sciences, Himeji Dokkyo University

PED 20-5 10:00～11:00
Development of a Web-based Self-Assessment System: The Students’ Affective Domain in Clinical Practice
Tomonori Yasuda1, Junichi Iyama2, Kunji Shirahama3, Hitodetsu Matsunaga4, Yuko Mizuno-Matsumoto5
1Faculty of Health Sciences, Kumamoto University Health Science University, 2Faculty of Health and Social Work, Kanagawa University of Human Services, 3Faculty of Health Care Science, Himeji Dokkyo University, 4Graduate School of Applied Informatics, University of Hyogo
<table>
<thead>
<tr>
<th>PED 20-6</th>
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<tbody>
<tr>
<td>Do we have what it takes? Investigating New Zealand occupational therapists’ readiness to be self-directed learners</td>
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<tr>
<td>Merrolee Penman1, Kwok-Wing Lai2</td>
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<td>1School of Occupational Therapy, Otago Polytechnic, 2School of Education, University of Otago</td>
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<tr>
<td>Comparison of Explicit and Implicit Motor Learning in Children with High-Functioning Autism and Asperger and typical matched peers</td>
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<td>Navid Mirzakhan Araghi1, Sara Izadi1</td>
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<tr>
<td>1Department of OT/Faculty of Rehabilitation Science, Shahid Beheshti University of Medical Sciences, 2Student of Ms in OT, Shahid Beheshti University of Medical Sciences</td>
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<th>PED 20-9</th>
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<tr>
<td>Occupational therapy student awareness of English language needs in a Japanese university</td>
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<td>Timothy Buthod1</td>
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<td>1Faculty of Health and Welfare, Prefectural University of Hiroshima</td>
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<th>PED 20-10</th>
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<tr>
<td>Oral Assessment: Learning to Talk like an OT</td>
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<tr>
<td>Liz Springfield1, Sylvia Rodger1, Rebekah White1</td>
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<td>1School of Health and Rehabilitation Sciences, University of Queensland</td>
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<td>Alcohol consumption among university students: contemporary student attitudes</td>
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<td>Makoto Koga1, Kyoko Moriguchi1</td>
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<td>1Department of Occupational Therapy, Health Science University</td>
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<td>Focus on participation for children and youth with disabilities: Enhancing therapy practice through a guided knowledge translation process</td>
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<td>Dana Anaby1,2,3, Nicol Korner-Bitensky1, Mary Law2, Isabelle Cormier1, Walter Wittich3</td>
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<tr>
<td>1School of Physical and Occupational Therapy, McGill University, 2CanChild Centre for Childhood Disability Research, 3MAB-Mackay Rehabilitation Centre, Montreal, QC</td>
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<tr>
<td>Quality of Life of Occupational Therapy Students, Faculty of Associated Medical Sciences, Chiang Mai University, Thailand</td>
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<tr>
<td>Sarawut Kuntawong1, Wilaiwan M. Snow1</td>
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<td>1Department of Occupational Therapy, Chiang Mai University</td>
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<td>An evaluation of a Practice Scholarship project for professional updating</td>
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<tr>
<td>Anne E.K. Roberts1, Lyn Westcott1</td>
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<td>1School of Health Professions, Plymouth University</td>
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<td>Youth report version of the Child and Adolescent Scale of Participation (CASP): Psychometric properties and comparisons with the parent report version</td>
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<td>Gary Bedell1, Janette McDougall1, Virginia Wright1</td>
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<td>1Department of Occupational Therapy, Tufts University, 2Thames Valley Children’s Centre, 3Blooorview Research Institute</td>
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<td>Comparison of participation restrictions and environmental barriers among children with different disabilities</td>
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<td>Wei-Chang Chen1, Al-Wen Hwang2, Gary M. Bedell1, Lin-Ju Kang1, Tsan-Hon Liou1</td>
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<tr>
<td>1Department of Occupational Therapy, Tufts University, 2Graduate Institute of Early Intervention, Chang Gung University, 3School of Medicine, Taipei Medical University</td>
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<td>Sensory processing in preterm and term children at preschool age</td>
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<tr>
<td>Hsuan-Wen Wang1, Wei-Hui Tsai1, Yu-Chen Huang1, Yea-Shwu Hwang1</td>
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<tr>
<td>1Department of Occupational Therapy, National Cheng Kung University, 2Department of Pediatrics/Division of Neonatology, Chi Mei Medical Center</td>
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<td>Time</td>
<td>Session Title</td>
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| PED 20-18  | 14:30〜15:30 Educational effects on the emotional domain by college classes involving the active participant with mental disorder | Kimiko Shibata¹, Takamasa Mizuno¹, Masami Yasunaga¹  
¹Fac. Herith Sci, Technol, Dept, Occupational Therapy, Bunkyo Gakuin University |
| PED 20-19  | 10:00〜11:00 A proposal of revised four-year course for the education of occupational therapists in Japan: Based on an inquiry into teachers of occupational therapy's schools | Takanji Suzuki¹, Shinichi Sato², Yuko Ito², Chikako Yoshino³, Yaoko Iwasaki³  
¹School of Nursing and Rehabilitation Sciences at Odawara, International University of Health and Welfare, ²Health Science University, ³Tokyo Metropolitan University, ⁴Chiba Prefectural University of Health Sciences, ⁵Ibaraki Prefectural University of Health Sciences |
| PED 20-20  | 14:30〜15:30 The Educational Effectiveness of International Exchange Program based Collaborative Research for Master Courses Students in Occupational Therapy | Nobuo Ohshima¹, Kaoru Inoue¹, Reiko Miyamoto¹, Jenny Butler², Sally Feaver²  
¹Department of Occupational Therapy, Graduate School of Human Health Sciences, Tokyo Metropolitan University, ²Occupational Therapy Programme Faculty of Health and Life Sciences, Oxford Brookes University |
| PED 20-21  | 10:00〜11:00 The Parenting Stress and Quality of Life of Parents of Children with Developmental Delays | Kuo-feng Lee¹, Chia-yi Lee¹, Ya-ling Huang¹, Yi-chen Chiang¹  
¹Rehabilitation Dept., Cathay General Hospital |
| PED 20-22  | 14:30〜15:30 Implementing "Management for Independence of Life Behavior" in clinical clerkship; from the perspective of the supervisor | Yuuki Ushigome¹  
¹Rehabilitation Dept., Gunma University of Health and Welfare |
| PED 20-23  | 10:00〜11:00 Relationship of academic achievement to personality and competence among college students | Shinako Toyoda¹, Takaaki Shimada¹, Masahiro Hashimoto¹, Kiyomi Nakamura¹  
¹Occupational Therapy Dept, Humanitec Medical Colledge |
| PED 20-24  | 14:30〜15:30 Evaluating New Strategies on Cerebral Palsy Treatment - The Pedia Suit Protocol | Pedro H.T.Q. Almeida¹, Amanda C. Borges¹, Katia V.P., Menezes¹, Tatiana B. Pontes¹  
¹Department of Occupational Therapy, Universidade de Brasilia - Faculdade de Ceilandia |
| PED 20-25  | 10:00〜11:00 Faculty Beliefs, Perceptions and Attitudes Related to Integrating Spirituality into American Occupational Therapy Core Curricula: A Pilot Study | Paige Marie Johns², Jan Gill¹  
¹Division of Nursing, Occupational Therapy and Arts Therapies, Queen Margaret University, ²Occupational Therapy, Creighton University, ³Rehab, Rehab Management, Inc. (RMI) |
| PED 20-26  | 14:30〜15:30 The topic of alcohol within the Scottish occupational therapy curricula | Fiona Maclean¹, Fiona O'May¹, Jan Gill¹  
¹Division of Nursing, Occupational Therapy and Arts Therapies, Queen Margaret University |
| PED 20-27 | 10:00〜11:00 | Australian occupational therapy students’ understandings of Indigenous health and the needs of Indigenous clients  
Lynnette Mackenzie¹, Joanne Hinitt¹, Vanessa Lee²  
¹Discipline of Occupational Therapy, University of Sydney, ²Deans Unit, University of Sydney |
| PED 20-28 | 14:30〜15:30 | Mindful Mentoring A Sharing of Of an Occupational Therapy Mentor’s experience: Mindfulness, Mentoring, Occupational Therapy Practice  
Ching Hoon Lee¹,²  
¹Rehabilitation Division, St Luke Hospital, ²Saccacow Co |
| PED 20-29 | 10:00〜11:00 | Alokito Shishu (A Treatment Based School)  
Zahir Akanda¹, Tazlina Nargis²  
¹Occupational Therapy Department, Alokito Shishu Treatment Based School, ²Child Development, Alokito Shishu Treatment Based School |
| PED 20-30 | 14:30〜15:30 | An approach to teach ‘cognitive skill’ that is necessary as clinical skill: Practical report of creation of a check list based on Model of Human Occupation  
Kouji Shikita¹, Kazuhiro Hujimoto¹  
¹Chigasaki sin-hokuryou hospital |
| PED 20-31 | 10:00〜11:00 | Introducing Twitter to undergraduate occupational therapy education  
Fiona Maclean¹  
¹Division of Nursing, Occupational Therapy and Arts Therapies, Queen Margaret University |
| PED 20-32 | 14:30〜15:30 | Change in Views on Ethics During Yearly Advancement Through Tertiary Education  
Mariko Nakamura¹, Mitsuo Nakamura¹  
¹Department of Occupational Therapy School of Health Sciences, Sapporo Medical University |
| PED 20-33 | 10:00〜11:00 | Research on the participation of person with disability in occupational therapist training education: Findings from Research to Graduates  
Kenichi Kojima¹,², Michiko Tawara¹, Kaoru Ishimoto²,³  
¹Faculty of Health Science, Department of Rehabilitation, Nihon Fukushi University, ²Takahama College, Nihon Fukushi University, ³Asian Research Center for Social Well-being and Development, Nihon Fukushi University |
| PED 20-34 | 14:30〜15:30 | Sustaining international partnerships: the European Master of Science in Occupational Therapy  
Irene Ilott¹  
¹On behalf of the OT EuroMasters Group, c/o Amsterdam University of Applied Sciences |
| PED 20-35 | 10:00〜11:00 | Development of Professional Behaviors  
Deborah Bolding¹  
¹Occupational Therapy Department, San Jose State University |
| PED 20-36 | 14:30〜15:30 | Psychometric Properties of the Persian Child Occupational Self-Assessment (COSA) in Iranian Children with ADHD  
Mahsa Saatari¹, Ali Asgari¹, Farzaneh Yazdani¹, Ali Hosseini¹, Mehdi Rassafiani³  
¹Occupational Therapy, university of social welfare and rehabilitation science, Tehran, Iran, ²Educational Psychology, Kharazmi university, Tehran, Iran, ³Faculty of Health and Life Sciences, Oxford Brookes University, UK, ¹Occupational Therapy, university of social welfare and rehabilitation science, Tehran, Iran, ³Occupational Therapy, university of social welfare and rehabilitation science, Tehran, Iran |
Everyday memory in very low birth weight children at school age
Sih-Hua Chen1, Yi-Shang Sung1, Yung-Wen Hsu2
1Department of Occupational Therapy, National Cheng Kung University School of Medicine

The influence of a self-study program on the motivation of occupational therapy students
Rie Takeshima1, Kenichiro Ozeki1, Kazuo Kobashi1, Tomoko Funayama1, Tatsuo Hasegawa1
1Department of Occupational Therapy, Teikyo University of Science

Hybrid Assistive Neuromuscular Dynamic Stimulation (HANDS) therapy for chronic stroke patients
Sihua Chen, Yi-shang Sung, Yung-wen Hsu
1Department of Occupational Therapy, National Cheng Kung University School of Medicine

Quality of life assessment in distal radius fracture patients undergoing postoperative therapy using SF-8 and Quick Dash
Hirotoshi Hayashi1, Kazuyuki Tasaki1, Nobuhiro Nonaka1, Eiji Kaida2, Youichi Miyazaki2
1Rehabilitation Dept., Aino Memorial Hospital, 2Occupational Therapy Dept., Zuyd University

Change of practice specialty and mid-late career preparedness; the experience from Down Under
Helen Beazley1
1Occupational Therapist

Research & EBP / 研究・EBP

Brain activity during the flow experience: a functional near-infrared spectroscopy study
Kazuki Yoshida1, Daisuke Sawamura1, Yuji Inagaki1, Keita Ogawa1, Shinya Sakai1
1Department of Occupational Therapy, Faculty of Human Science, Hokkaido Bunkei University, 2Division of Health Sciences, Graduate School of Health Sciences, Hokkaido University, 3Department of Functioning and Disability, Faculty of Health Sciences, Hokkaido University, 4Department of Rehabilitation and Physical Medicine, Graduate School of Medicine, Hokkaido University, 5Department of Rehabilitation, Hokkaido University Hospital

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Clinical improvement and the change of EMG activity of the paretic arm induced with HANDS therapy among patients with chronic stroke
Haruka Fukagawa1, Toshiyuki Fujiwara1, Haruka Nemoto1, Kaoru Abe1, Meigen Liu2
1Rehabilitation Dept., Keio University School of Medicine, 2Dept. of Rehabilitation Medicine, Keio University School of Medicine
The ability to operate personal computer by mouse among the elderly
Chih-wen Wang1, Satoshi Nishizawa1, Masamichi Hanawa1
1Department of Rehabilitation, Occupational Therapy Course, Tohoku Bunka Gakuen University

Factors Related to Customer Satisfaction with Rehabilitation in Long-Term Care Health Facilities
Harumi Sakamoto1, Yu Takeuchi2, Harukiho Inada1, Junko Okuno1, Hisako Yano1
1Medical Science and Welfare, Doctoral program in Human Care science, Graduate school of Comprehensive Human Sciences, University of Tsukuba, 2Department of Physical Therapy, AHRU Medical Care Welfare Professional Training College

Changes of subjective feelings of difficulties experienced in daily activities after selective neck dissection
Miki Fuji1, Hisako Tajiir1, Akira Tanuma1, Tetsuya Tsuji1, Meiigen Liu1
1Division of Rehabilitation Medicine, Chiba Cancer Center, 2Division of Rehabilitation Medicine, Shizuoka Cancer Center, 3Department of Rehabilitation Medicine, Keio University School of Medicine

The study of quantitative evaluation for motor imagery by three-dimensional motion analysis
Yota Obayashi1, Yuji Sawada1
1Department of Physical and Occupational Therapy, Graduate School of Medicine, Nagoya University

Sensitivity and specificity of the horizontal flexion test for lateral epicondylitis between patients and non-patients (tennis players and non-tennis players)
Shouta Kaneko1, Sadako Tsubota1
1Hokkaido Bunkyo University, Department of Occupational Therapy

Developmental process of the Aid for Decision-making in Occupation Choice (ADOC) : iPad app for shared decision-making in occupation-focused goal setting
Hirofumi Nagayama1, Kayoko Narita1, Kousunose Tomori1, Yuki Saito1, Toshio Higashiyama1
1Department of Occupational Therapy, Kitatsu University, 2Department of Occupational Therapy, Kanagawa University of Human Services, 3Rehabilitation center, Ohta General Hospital Foundation, University Ohta Atami Hospital, 4Division of Physical Therapy and Occupational Therapy Science, Graduate school of Health Science, Nagasaki University

Therapeutic use of self as defined by Swedish occupational therapists working with clients with cognitive impairments following acquired brain injury
Kajsa Holmqvist1, Marie Holmefur1, Ann-Britt Ivarsson1
1School of Health and Medical Sciences, Orebro University, Sweden
The functional skill difference of the upper limb of stroke patients with respect to paralysis severity
Kasumi Nagasaka1, Hiroki Ikeda2, Hitomi Uematsu3, Izumi Kondo1, Shigeru Sonoda1
1Fujita Health University Nanakuri Sanatorium, 2Fujita Memorial Nanakuri Institute, Fujita Health University, 3Hospital National Center for Geriatrics and Gerontology

Changes of Awareness deficits in Acute Right Hemisphere Damaged Patients Over time
Shingo Hashimoto1, Anders Kottorp2, Kimitaka Hase1, Kazue Noda1, Rumi Tanemura2
1Hirakata Hospital Rehabilitation department, Kansai Medical University, 2Graduate School of Health Sciences, Kobe University, 3Department of Neurobiology, Care Sciences and Society, Karolinska Institutet

Factors associated with anxiety and depression upon discharge in patients with hematopoietic stem cell transplantation
Akiko Takata1, Hitoshi Mutai1, Masayoshi Kobayashi1
1Rehabilitation Dept., Shinshu University Hospital, 2Occupational Therapy Health science, Shinsyu University

Determination of the cutoff score for expressing meaningful occupations using Aid for Decision-making in Occupation Choice
Yuki Saito1, Kounosuke Tomori2, Kanta Ohno1, Hirofumi Nagayama2, Toshio Higashi1
1Occupational therapy department of the rehabilitation part, Ohta General Hospital Foundation, University Ohta Atami Hospital, Kouriyama, Fukushima, Japan, 2Department of Community-based Rehabilitation Sciences, Unit of Rehabilitation Sciences, Nagasaki university Graduate school of Biomedical Sciences, Sakamoto, Nagasaki, Japan

Clients' awareness of Occupational Therapy: Effects on Motivation
Youngeun Kang1, Sejin Kang1
1Rehabilitation Dept., SMG-SNU Boramae Medical Center

Rehabilitation for Disused syndrome in the acute care hospital
Mayumi Nomura1, Toshiyuki Towa1
1Rehabilitation department, Kanto Rosai Hospital

Study of predictive factors for the efficacy of modified constraint-induced movement therapy in subacute stroke patients
Koshi Matsuoka1, Koji Misawa1, Yosuke Nishikawa1
1Tamakuyuro Hospital

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1Tamakuyuro Hospital
獲得 麻痺側 の機能 別 における 上肢 動作の 検討

After surgery for bone and joint diseases of the lower limbs

Effects of after training for improvement in activities of daily living and activities parallel to daily living in the ward, immediately after surgery for bone and joint diseases of the lower limbs

日本作業療法士協会 事例報告登録制度 登録事例に基づく成果効果の分析

Effects of Occupational Therapy in Japan : An Analysis of Case Reports Based on Case Report Registration System of Japanese Association of Occupational Therapists

日本の高齢者消化器疾患患者に対する効果

Influence of noise stimulation on TMT-A and GATB task performance in persons with higher brain dysfunction due to acquired brain injury
| PRE 20-28 | 14:30~15:30 |
| Comparison of Sit-to-Stand therapy between experienced and inexperienced therapist |
| Ikko Miyamoto, Daisuke Yamanishi, Keiji Aoto, Eiji Yamada |
| 1Day Care, Osaka, 2Department of Human Informatics and Cognitive Sciences, Faculty of Human Sciences, Waseda University, 3Koutouen, Hanayama Family Clinic, 4Department of Physical Therapy, Faculty of Health and Welfare, Tokushima Bunri University |

熟練作業療法士と初心者による起立訓練の比較

PRE 20-29 | 10:00~11:00 |
| Effect of Task-specific training for Users of Outpatient Rehabilitation and Preventive Long-term Care |
| Toshiyuki Aoyagi, Yukari Ohashi |
| 1Rehabilitation Dept., Kennan Hospital, 2Dept. of Physical Therapy, Ibaraki Prefectural University of Health Sciences |

介護予防・通所リハビリテーション利用者に対する課題指向型訓練の効果

PRE 20-30 | 10:00~11:00 |
| Associations between caregiver-perceived general behavior problems and autistic behaviors in children with autism |
| Ping-Chen Chan, Ying-Dar Chen, Hsui-Chen Yen, Li-Chen Tung, Kuan-Lin Chen |
| 1School of Occupational Therapy, National Cheng Kung University, 2Department of Physical Medicine and Rehabilitation, Country Hospital, 3Department of Physical Medicine and Rehabilitation, Chi Mei Medical Center |

PRE 20-31 | 14:30~15:30 |
| Effectiveness of Occupational Therapy for ADL Executive Function Disorder Caused by a Right Parietal Lobe Lesion: Approach focused to notice the position of the body unilateral spatial neglect and configuration failure, one case that resulted in the improvement of ADL |
| Takeshi Mizuno, Yasushi Sengoku, Megumi Uramoto, Isso Okamoto, Kazumasa Sudo |
| 1Rehabilitation Dept., Sasson Hospital, 2School of Health Sciences, Sapporo Medical University |

PRE 20-32 | 10:00~11:00 |
| The re-acquisition of handling chopsticks and recovery of paretic annular finger in patients with subacute stroke |
| Toshiyuki Ishioka, Saori Tsuchiya, Kumiko SASAO |
| 1Department of Occupational therapy, Saitama Prefectural University, 2Department of Rehabilitation, Shinsapporo Neurosurgical Hospital |

PRE 20-33 | 14:30~15:30 |
| An effect of occupational therapy program to use a procedural memory for the elderly with dementia |
| Shuji Kijima |
| 1Faculty of Health Science, NIHON FUKUSHI UNIVERSITY |

PRE 20-34 | 10:00~11:00 |
| Effects on the brain when continuously operating a cell phone: Functional near-infrared spectroscopy analysis |
| Ayami Yoshihara, Sakiko Ishihara, Akiko Saito, Toshiro Itsubo, Yukihiko Hata |
| 1Rehabilitation Department, Shinshu University Hospital, 2Orthopedics, Azumi General Hospital |

PRE 20-35 | 10:00~11:00 |
| Associations between caregiver-perceived general behavior problems and autistic behaviors in children with autism |
| Ping-Chen Chan, Ying-Dar Chen, Hsui-Chen Yen, Li-Chen Tung, Kuan-Lin Chen |
| 1School of Occupational Therapy, National Cheng Kung University, 2Department of Physical Medicine and Rehabilitation, Country Hospital, 3Department of Physical Medicine and Rehabilitation, Chi Mei Medical Center |

Associations between caregiver-perceived general behavior problems and autistic behaviors in children with autism
### PRE 20-36 14:30～15:30
**Effects of occupation-centered intervention method for patients with terminal cancer**

<table>
<thead>
<tr>
<th>Author</th>
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<tbody>
<tr>
<td>Hiroya Matsunaga</td>
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<tr>
<td>Shinichi Tanabe</td>
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<tr>
<td>Shigeru Imamura</td>
<td>2</td>
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</tbody>
</table>

1. Rehabilitation Dept., Steel Memorial Yawata Hospital
2. Palliative care Dert., Steel Memorial Yawata Hospital

終末期がん患者のリハビリテーション介入方法がQOLに及ぼす影響について

松永裕也 1, 田邉慎一 1, 今村 秀 2

製鉄記念八幡病院リハビリテーション部, 2製鉄記念八幡病院緩和ケア外科

### PRE 20-37 10:00～11:00
**OCCUPATIONAL THERAPY INTERVENTION POST CVA AND CONTROL OF EDEMA**

<table>
<thead>
<tr>
<th>Author</th>
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<tbody>
<tr>
<td>Cristina Y. Toyoda</td>
<td>1</td>
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<tr>
<td>Daniel M.C. Cruz</td>
<td>2</td>
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</tbody>
</table>

1. Occupational Therapy, Universidade de Marilia-UNESP
2. Occupational Therapy, Universidade Federal de Sao Carlos-UFSCar

### PRE 20-38 14:30～15:30
**The current status of and future issues associated with the implementation of rehabilitation in palliative care units in Japan: Therapist survey results in Japan**

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Hisako Tajiri</td>
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<td>Kazunori Takashima</td>
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<td>Hiromasa Shimazaki</td>
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<td>Izumi Yoshizawa</td>
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<tr>
<td>Shinichi Yamamoto</td>
<td>5</td>
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</tbody>
</table>

1. Division of Rehabilitation Medicine, Shizuoka Cancer Center
2. Osaka University Hospital
3. Bellland General Hospital
4. Jikei University Hospital
5. Yamanashi Rehabilitation Hospital

わが国の緩和ケア病棟におけるリハビリテーション実施状況と今後の課題ー療法士への全国調査結果より

田尻寿子 1, 高島千敬 2, 島崎寛将 3, 吉澤いづみ 4, 山本伸一 5

1. 静岡県立静岡がんセンターリハビリテーション科
2. 大阪大学医学部附属病院
3. ベルランド総合病院
4. 東京慈恵会医科大学附属病院
5. 山梨リハビリテーション病院

### PRE 20-39 10:00～11:00
**Research on acquisition status of bicycle skills of preschoolers**

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Eiko Kamiya</td>
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<td>Asami Shimojima</td>
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<td>Norihiro Maeda</td>
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<tr>
<td>Hideaki Takahira</td>
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</tbody>
</table>

1. Department of Occupational Therapy, International Institute of Medical Therapy

未就学児の自転車スキルの獲得状況の調査

神谷詠子 1, 下嶋あさみ 1, 前田徳廣 1, 高比良英明 1

1. 国際医学技術専門学校作業療法学科

### PRE 20-40 14:30～15:30
**Effect of continuous walking while humming exercise on the prefrontal cortex: Functional near-infrared spectroscopy analysis**

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Sakiko Ishihara</td>
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<td>Ayami Yoshihara</td>
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<tr>
<td>Yukihiko Hata</td>
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</table>

1. Rehabilitation Department, Shinshu University Hospital
2. Orthopedics, Azumi General Hospital

歌を口ずさみながらの歩行課題の継続的な施行が前頭前野に与える影響−機能的近赤外線分光装置(fNIRS)を用いて

石原早紀子 1, 齋藤明子 1, 吉原理美 1, 伊坪敏郎 1, 畑 幸彦 2

1. 信州大学医学部附属病院リハビリテーション科
2. 安曇総合病院整形外科

### PRE 20-41 10:00～11:00
**Review of Occupational Therapy for Attention Disorders in Japan**

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Tomomi Nakajima</td>
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</table>

1. Occupational Therapy Dept., Seirei Cristopher University

事例報告から検討する注意障害における作業療法の効果

中島ともみ 1

1. 聖隷クリストファー大学リハビリテーション学部作業療法学科

### PRE 20-42 14:30～15:30
**Hand surgical patients’ occupational performance**

<table>
<thead>
<tr>
<th>Author</th>
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<tbody>
<tr>
<td>Sussi Slot Lauridsen</td>
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<td>Hans Jorgen Bendixen</td>
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</table>

1. Faculty of Occupational Therapy, Metropolitan University College

手術的手術後患者の作業療法的評価

ローデン:Array

### PRE 20-43 10:00～11:00
**The Effect of task-oriented program for hemiplegic hand use in performing activities of daily living**

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Baek Youngsoo</td>
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</table>

1. Occupational therapy Dept./Adult, Seoul Rehabilitation Hospital

片麻痺患者の日常生活動作における作業療法的プログラムの効果

### PRE 20-44 14:30～15:30
**Effect of postural control on the patient with unilateral spatial neglect and hemiparesis**

<table>
<thead>
<tr>
<th>Author</th>
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<tbody>
<tr>
<td>Kaori Furukawa</td>
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<td>Kimihiro Nakahara</td>
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<tr>
<td>Yuji Hakoda</td>
<td>2</td>
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</tbody>
</table>

1. Rehabilitation Dept., Medical corporation kouhoukai Takagi Hospital
2. Graduate School of Human- Environment Studies, Kyushu University
3. Department Neurosurgery and Stroke, Medical corporation kouhoukai Takagi Hospital

姿勢制御が片麻痺を有する半側空間無視患者へ及ぼす影響

古川 香 1,2, 中村公宏 3, 畑裕司 3

1. 医療法人社団 高邦会 高木病院リハビリテーション部
2. 九州大学 人間環境学府
3. 医療法人社団 高邦会 高木病院脳神経外科・脳卒中科
Effect of resistance training on many aspects of life functions in elderly patients with Parkinson’s disease: a pilot study

Yuma Sonoda¹, Toshio Kawamata²

¹Rehabilitation Units, Shiga University of Medical Science Hospital, ²Kobe University Graduate School of Health Sciences

PRE 20-45 10:00∼11:00

The changes of Oxy-Hb on imaging task of pleasant or unpleasant: Comparison of schizophrenia with controls

Akihiko Kondoh¹,², Kiichiro Morita²,³, Yohei Ishii¹, Ryo Fujiki²,³, Naohisa Uchimura²,³

¹Department of Occupational Therapy, Aso Rehabilitation College, ²Cognitive and molecular of Brain disease, Kurume University, ³Department Psychiatry, Kurume University

PRE 20-46 14:30∼15:30

Examination of reliability and construct validity for the Elderly version of Leisure-time Activity Enjoyment Scale

Toshihiro Honke¹, Takashi Yamada², Yoshikazu Ishii³, Norikazu Kobayashi³

¹School of Rehabilitation Sciences, Health Sciences University of Hokkaido, ²Graduate School of Rehabilitation, Mejiro University, ³Graduate School of Human Health Sciences, Tokyo Metropolitan University

PRE 20-47 10:00∼11:00

SHOWING THE DIFFERENCE IN PRESENTATION IN AN AFFECTED ARM OF A PATIENT WITH STROKE WHEN YOU USED MANUAL MUSCLE TESTING VERSUS FUGL MEYER

Ai-Lian Lim

1OCCUPATIONAL THERAPY, BELLEVUE HOSPITAL CENTER

PRE 20-48 14:30∼15:30

Effect of EMG biofeedback training on hand functions according to cognitive status

Seung-Hyup Han¹,², Yong-Won Choi¹, Kyung-Yoon Kam²,³

¹Dept. of Occupational Therapy, Masan University, ²Dept. of Occupational Therapy, Inje University, ³Dept. Rehabilitation Science, Inje University

PRE 20-49 10:00∼11:00

Virtual communities of practice and professional networks: what’s in it for occupational therapists?

Lise Poissant¹,², Amede Gogovor², Isabelle David³

¹School of Rehabilitation, Universite de Montreal, ²Institut de readaptation Gingras-Lindsay de Montreal, Centre for Interdisciplinary Research in Rehabilitation

PRE 20-50 14:30∼15:30

Shared decision-making in occupational therapy through the eyes of the client: A qualitative research to which degree spinal cord injury patients want to be involved in decision-making within the occupational therapy treatment process

Kim Peeters¹, Dominique Van de Veide¹, Katrijn Dierckx², Igaana Devisch¹

¹Faculty of Medicine and Health Sciences, department of Occupational Therapy, Ghent University

PRE 20-51 10:00∼11:00

Is a pseudo-random pointing manner the best way for prism adaptation tasks?

Hisaaki Ota¹, Sumio Ishiai²

¹Department of Occupational Therapy, School of Health Sciences, Sapporo Medical University, ²Department of Rehabilitation, School of Medicine, Sapporo Medical University

PRE 20-52 14:30∼15:30
Stepwise tasks for patients with attention deficit: Relationship between daily activity and outcome of the task in patients after stroke
Miki Hagi1, Minoru Hoshiyama1
1Department of Occupational Therapy, Chubu University School of Life and Health Sciences, 2Nagoya University Graduate School of Medicine

Relation between the activities parallel daily living in a osteoarthritis of hip postoperative female patient, and Health-related Quality of Life
Chikako Yamauchi1, Yukihiko Nakashima1, Masami Imaya1, Katsuhiko Sannomiya1, Hirohumi Shigemoto1
1Rehabilitation Dept., Kumamoto Kinoh hospital

Study on characteristics of brain damage in extremely low birth weight infants
Momomi Hara1, Kelsuke Kuge1, Sachiko Iwata1, Kenjiro Terasawa1, Sachio Takashima2,3,4
1Rehabilitation Dept., Terasawa Hospital, 2Rehabilitation study field, International University of Health and Welfare Graduate School, 3The Department of Pediatrics, Kurume University School of Medicine, 4Yanagawa Institute for Developmental Disabilities

The effects of preference-based task-oriented activities on hand functions in patients with hand injuries
Dong-Hee Noh1, Yong-Won Choi1, Seung-Hyup Han1, Kyung-Yoon Kam1
1Dept. of Health Science and Technology, Inje University, 2Dpt. of Rehabilitation Science, Inje University, 3Dept. of Occupational Therapy, Masan University, 4Changwon Workers’ Compensation Hospital, 5Dept. of Occupational Therapy, Inje University

The comparison of recent preschoolers’ data with the norm of S-JMAP (short version of Japanese version of Miller Assessment for Preschoolers)
Madoka Sato1, Natsumi Morishita2, Maki Miura2, Reiko Tsuchida4
1Koubai Nursery school, Social welfare corporation Meeting of Mihara Nozomi, 2Child development support place of business Koubai, Social welfare corporation Meeting of Mihara Nozomi, 3House, 4Faculty of Health and Welfare Department of Occupational Therapy, Prefectural University of Hiroshima

Recovery of pinch strength in cervical spondylotic myelopathy patients using bottle cap opening motion
Hiroki Fujii1, Yumi Suzuki1, Masahiro Hayashi2
1Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences, 2Division of Rehabilitation, Okitama Public General Hospital, 3Department of Orthopedic Surgery, Okitama Public General Hospital

Self-instructional approach for using the compensation strategy for clients with unilateral spatial neglect
Kiichirou Moriyama1, Tomoko Miyahara2, Hikaru Maruiwa3
1Medical Corporation Chishinkai Ichinomiya Neurosurgery Hospital, 2Graduate School of Hiroshima University

Left-handed patients with spatial neglect: A study of the validity of the compensation method
Mitsunori Tobita1, Eiji Endo1, Hiroko Kuranaka1, Hideto Shindo2, Koji Watanabe1
1Medical Corporation Chishinkai Ichinomiya Neurosurgery Hospital, 2Graduate School of Hiroshima University

日本版マミラ幼児発達スクリーニング検査簡易版（S-JMAP）における近年の就学前児の通過率と標準データの比較
倉本 和, 野田正徳, 桐生健, 原浩, 田中栄, 髙橋幸

第16回 世界作業療法士連盟大会・第48回 日本作業療法学会
The number of remaining teeth related factors among patients with Parkinson's disease

Akira Sagari1, Yuta Ikio1, Takayuki Tabira2, Takashi Tateishi3, Toshiro Yoshimura4
1Japanese Red Cross Society Nagasaki Atomic Bomb Hospital, 2Graduate School of Health and Social Sciences Nishikyusyu University, 3Home Visit Nursing Station Tachibana, 4Graduate School of Biomedical Sciences Nagasaki University

Persons with Dementia and the Ability to Choose

Masaki Yagi1, Manami Sato2, Sawaqo Uesugi2, Yasuko Murata3, Kyoko Morisuchi4
1Hanno Geriatric Center, 2Geriatric Health Services Facility Yuyu, 3Seiwa Nursing Plaza, 4The Japanese Society for Person-Centred Dementia Care, 5Department of Occupational Therapy, Health Science University

Tendency of standing posture in stroke patients: About the difference between right-and-left hemisphere damage

Shintaro Morimoto1, Yasuhiro Nakamura1, Takehiko Yamanaka1, Ikuko Wada1, Fumiyasu Ishii1
1Practice Education Center, Nihon Fukushi University, 2Faculty of Health Sciences, Nihon Fukushi University, 3Division of Rehabilitation Medicine, Nagoya City University Medical Center

Challenge & Innovation / 革新と挑戦

Returning to Work after Breast Cancer: A Critical Review

Joanne Park1, Mamdouh Shubair2
1Rehabilitation Medicine, University of Alberta, 2Health Sciences, University of Northern British Columbia

Evaluations of driving ability of the patients after brain injury- A practice report

Misato Yanagida
1Rehabilitation fee, Brain Attack Oota Memorial Hospital

The brace therapy for preventing and improving aspiration pneumonia

Shiho Fujioka1, Tamiko Furutani1, Masataka Yamamoto1, Youhei Kanno2, Yuu Shimada3
1Rehabilitation Dept., Hyogo Prefectural Awaji Medical Center, 2Inter Reha Corporation

Motor Representational Maps of Primary Motor Cortex for Reciprocal Muscles

Takumi Oyama1, Makoto Suzuki1, Hikari Kirimoto2, Mineo Oyama3, Hideaki Onishi3
1Department of Rehabilitation Medicine, Higashi Funabashi Hospital, Japan, 2Institute for Human Movement and Medical Sciences, Niigata University of Health and Welfare, Niigata, Japan
| PCI 20-5 | 10:00～11:00 |
---|---|
Development of electric tricycle for cervical spinal cord injuries

Tsunomu Tamagaki,
Etsumi Okikawa

1School of Rehabilitation Div, Occupational Therapy, Kanagawa University of Human Services, 2Department of Occupational Therapy, Tokyo Metropolitan University Graduate School of Health Sciences, 3Rehabilitation Engineering Laboratory, Kanagawa Rehabilitation Hospital

頚部損傷者のための電動三輪車の開発

塚沼俊明, 高見えみ

| PCI 20-6 | 14:30～15:30 |
---|---|
Report on support program for resuming driving

Satoe Yamada,
Takaji Suzuki,
Koichi Ohnaka,
Kunihiro Suzuki

1Physical Medicine and Rehabilitation, Medical Corporation Hakujinkai Shimura omiya hospital, 2School of Health Sciences Department of Occupational therapy, International University of Health and Welfare Odawara campus, 3Medical Corporation Hakujinkai Shimura omiya hospital

自動車運転再開に向けての支援

山田聰, 鈴木孝幸, 大野直之, 鈴木邦彦

| PCI 20-7 | 10:00～11:00 |
---|---|
Wishes, priorities and context demands related to activities in everyday life for persons with MCI - A scoping study

Eva Lindqvist,
Annika Persson Vasiliou,
Louise Nygard

1NVS, the division of Occupational Therapy, Karolinska Institutet

希望、優先順位及び環境要因に関する日常生活活動に関する要件 - MCIにおける

林エヴァ, ヴァスリオフニ・アンニカ, ニョガード・ルイーズ

| PCI 20-8 | 14:30～15:30 |
---|---|
Development of the Occupational Performance with Autonomy Scale (OPA)

Kayoko Narita,
Hirofumi Nagayama,
Arisa Kamiya,
Yuka Murashima,
Kounosuke Tomori

1School of Allied Health Sciences, Kitasato University, 2Rehabilitation Center, Nanbu Hospital, 3Department of Rehabilitation, St. Therese Hospital, 4Department of Occupational Therapy, Kanagawa University of Human Sciences

作業能動性評価（Occupational Performance with Autonomy Scale: ADOC）の開発

成田彩代, 関山光美, 香月愛里, 村上裕美, 本宮光之介

| PCI 20-10 | 14:30～15:30 |
---|---|
Secrets of Successful Aging: A Qualitative Study of Productive Occupations in Retirement

Marilyn B. Cole,
Karen Macdonald

1Department of Occupational Therapy, Quinnipiac University, 2Department of Occupational Therapy, Sacred Heart University

高齢者の成功の秘密: 退職後の活動

コール・マリリン, マクドナルド・ケン

| PCI 20-11 | 10:00～11:00 |
---|---|
The relationship between a newly developed reaction time task and an on-road driving assessment for people with brain injury

Kyohei Yamada,
Toshio Ohyanagi,
Kunihiro Kanaya,
Shunichi Sugihara,
Yasuhiro Sengoku

1Department of Occupational Therapy, Hokkaido Chitose Institute of Rehabilitation Technology, 2Graduate School of Health Sciences, Sapporo Medical University, 3Department of Rehabilitation, Sapporo Shuyukai Hospital, 4Department of Liberal Arts and Sciences, Center for Medical Education, Sapporo Medical University

脳損傷者に対する反応時間課題と実車評価との関連性

山田恭平, 大野秀夫, 神谷仁弘, 杉原彰, 芳村芳

| PCI 20-12 | 14:30～15:30 |
---|---|
Analysis of eye movements during drive simulator operation using the video recording

Masayoshi Kobayashi,
Tsunomu Sasaki,
Risa Takahashi,
Hideya Momose

1Graduate school of medicine, Shinsu university, 2Nishizawa electric meters manufacturing Co., Ltd

ビデオ映像を用いたドライビングシミュレータ操作中の眼の動きの解析

小林正義, 桑原俊彦, 高橋里沙, 萩森秀哉
### PCI 20-13

**The effectiveness of transferring function with Roboticbed**

Mio Nakamura,1,2 Kaoru Inoue,3 Jun Suzuki,4 Hideo Kawakami,5 Takenobu Inoue,1

1Department of Assistive Technology, Research Institute of National Rehabilitation Center for persons with Disabilities, 2Department of Occupational Therapy, Faculty of Health Science, Tokyo Metropolitan University, 3New Business Promotion Project Global Manufacturing Div., Panasonic Corporation

**移乗動作における移乗支援ロボットの有効性**

中村美光, 井上薰, 朝原秀朗, 河原日出生, 井上暢伸

国立健康科学機構リハビリテーションセンター,首都大学東京健康福祉学部 作業療法学部, パナソニック株式会社

### PCI 20-14

**Eye movement pattern and response time of visual searching task in low vision patients with concentric visual field constriction**

Yin-Jung Wang,1 Yoshimi Suzuki,2, Shin-Ichi Izumi1,2

1Department of Physical Medicine and Rehabilitation, Tohoku University Graduate School of Medicine, 2Department of Physical Medicine and Rehabilitation, Tohoku University Graduate School of Biomedical Engineering

**視野狭小によるロービジョン者の視覚探索課題における反応時間と眼球運動**

王尹容, 鈴鴨よしひみ, 田中繁

東北大学大学院医学系研究科障害科学専攻肢体不自由学分野, 東北大学大学院医工学研究科リハビリテーション医工学分野

### PCI 20-15

**Development and evaluation of the device to guide operations to set wheelchair parking brakes and footrests for left hemiplegias**

Genbu Deguchi,1 Shigeru Tanaka2

1Department of Occupational Therapy, School of Nursing and Rehabilitation Science at Odawara, International University of Health and Welfare, 2Division of Assistive Technology Sciences, Graduate School of Health Sciences, International University of Health and Welfare Graduate School

**脳卒中片麻痺者用車いす移乗支援ガイド装置の試作と評価**

出江紳, 広尾健

新潟医科学研究所 作業療法学部 福祉機器開発推進プロジェクト

### PCI 20-16

**AN INNOVATIVE EVALUATION OF OCCUPATIONAL SPACES USING THE ASSESSMENT TOOL FOR OCCUPATION AND SOCIAL ENGAGEMENT (ATOSE)**

Mark Morgan-Brown,1,2 Gill Chard2

1SURFACE Inclusive Design Research Centre, University of Salford, UK, 2Country Coordinator, AMPS UK and Ireland

**新しい視覚環境評価手法と介護の職場における職務変形周辺評価**

樫原和, 田中繁

国際医療福祉大学 介護福祉学部 作業療法学科, 介護福祉機器開発リハビリテーションプロジェクト

### PCI 20-18

**How can a simple remote control make a difference?: Experience from an intervention study in young onset dementia and family carer’s everyday practice**

Rita Jentoft1, Torhild Holthe2, Cathrine Arntzen2

1Occupational Therapist Program, Tromso University, Norway, 2National Competence Center for Aging and Health, Norway

**リモートコントロールを用いた介護実践の効果**

岡倉禮子, 高橋和子, 大山寛

新潟医科学研究所 作業療法学科, 介護福祉機器開発リハビリテーションプロジェクト

### PCI 20-19

**Research and Development of a Serious Game for Stand-up Training Support : Three years of Tracking Industry-Academia-Government Collaboration Project**

Jiro Kajiwara1, Kenta Hayashida1, Mitsuiro Tokunaga1, Hiroyuki Matsuguma2, Fumitada Hattori2

1Department of Rehabilitation, Medical corporation Junwa Nagao Hospital, 2Serious Game Project, Faculty of Design, Kyushu University

**起立-着席訓練支援シナリオゲームの研究開発 -産学官連携プロジェクトによる3年間の軌跡**

桂川順, 稲垣由美子, 藤村光, 松岡誠之

特定医療法人順和 児童期障害者リハビリテーションセンター, 九州大学大学院 医学研究院シナリオゲームプロジェクト, 特定医療法人順和 長尾病院

### PCI 20-20

**Motor Cortex Activity for Reciprocal Muscles While Behavior Learning**

Makoto Suzuki1, Hikari Kirimoto,2 Kauhizo Sugawara1, Mineo Oyama1, Hideaki Onishi2

1Institute for Human Movement and Medical Sciences, Niigata University of Health and Welfare

**行動学習に基づく相反筋に投射する運動野の活動変化**

木風, 木風, 鳥本, 光, 管原和広, 大山順平, 西山秀明

新潟医科学研究所 作業療法学科

310
Change of functional connectivity in motor areas and improvement of function of lower extremity by neurorehabilitation using robot-suit

Masahiko Nishimura1, Hideki Nagamine1, Yohei Hokama1, Tomohisa Miyagi2, Shogo Ishiuchi1

1Department of Neurosurgery, Graduate School of Medicine, University of the Ryukyus

Three Families Living with Seniors with Dementia used Seal Type Robot: PARO: Case Studies

Kaoru Inoue1, Chihiro Sasaki2, Katsuyoshi Wada2, Takanori Shibata2, Masanobu Kinoshita1

1Faculty of Health Sciences, Tokyo Metropolitan University, 2Department of Occupational Therapy, Tokyo Colledge of Welfare, 3Faculty of System Design, Tokyo Metropolitan University, 4Human Technology Research Institute, The National Institute of Advanced Industrial Science and Technology

The effect of Robotic arm utilization on the daily occupation and life satisfaction: Among the clients with severe physically disabilities

Taichi Ogiyama1, Takashi Kinose2

1Faculty of Health Science, Nihoen Institute of Medical Science, 2NPO Japanese Society of Seating Consultants

Auditory stimulation of the P300 eventrelated potential (ERP) components: A P300 based braincomputer interface (BCI) study and the P300 response to unilateral stimulus presentation

Takayoshi Yamagata1, Makoto Chishima1, Tomoko Noguchi1, Satoshi Sakurai1, Yuya Harada2

1Graduate school of Medicine, Shinshu University, 2School of Health Sciences, Shinshu University, 3Central Rehabilitation Service, University of Tokyo Hospital, 4Central Rehabilitation Service, Matsumoto Medical Center, 5Graduate School of Sciences and Engineering, Shinshu University

New methods for assessing inattention when changing the visual situation

Kunihiro Kanaya1 2, Toshihiko Oyanagi1, Kyoei Yamada1 4, Yasuhiro Sengoku2, Tadato Sugita1

1Sasson-Sugata Clinic, 2Division of Sensory Integrative Dysfunction, Sapporo Medical University, 3Graduate School of Health Sciences, 4Department of Liberal Arts and Sciences, Center for Medical Education, Sapporo Medical University, 5Hokkaido Chitose Institute of Rehabilitation Technology, 6Department of Occupational Rehabilitation, School of Health Sciences, Sapporo Medical University

Evaluation of Balloon-Breaking Test and Functional Relevancy: Using Tablet PC Evaluation Methods

Masahiro Nakaoka1, Yasuo Naito1, Kazuyo Oryoji1, Shinichi Takabatake1, Masahiro Kawai1

1Rehabilitation Center, Sakai Welfare and Health Plaza, 2Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, 3NPO Information Technology Mutual Support Association

Evaluation of Balloon-Breaking Test and Functional Relevancy: Using Tablet PC Evaluation Methods

Masahiro Nakaoka1, Yasuo Naito1, Kazuyo Oryoji1, Shinichi Takabatake1, Masahiro Kawai1

1Rehabilitation Center, Sakai Welfare and Health Plaza, 2Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, 3NPO Information Technology Mutual Support Association
16th International Congress of the World Federation of Occupational Therapists
in collaboration with the 48th Japanese Occupational Therapy Congress and Expo

**June 20 (Fri) Poster Session**

**June 19 (Thu)**

**June 18 (Wed)**

**June 21 (Sat)**

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**PCI 20-29**

10:00～11:00

**Health promotion interventions realised by community occupational therapists with older adults: the uncovered potential**

Pier-Luc Turcotte1,2, Annie Carrier1,2, Denis Bedard1,2, Johanne Desrosiers1,2, Melanie Lévesque1,2

1Faculty of medicine and health science, School of Rehabilitation, University of Sherbrooke, 2Research center on aging, Centre de santé et de services sociaux Institut universitaire de geriatrie de Sherbrooke (CSSS-IUGS), Centre d’étude et de développement pour l’innovation technopedagogique (CEDIT), University of Sherbrooke, Department of pedagogy, Faculty of Education, University of Sherbrooke, Sherbrooke, Quebec, Canada.

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**PCI 20-30**

14:30～15:30

**The Task-Oriented Approach for the returning job of the automobile-driving delivery**

Osamu Usugi1, Akira Kanou2, Hiroyasu Uchiyama1, Sangsoo Eun2

1Independence support Dept, Nokoyokusai Nakaizu Rehabilitation Center, 2Rehabilitation Dept, Nokoyokusai Nakaizu Rehabilitation Center.

---

**PCI 20-31**

10:00～11:00

**A Group Meeting for Patients with Muscular Dystrophy Who Live at Home**

Kikuyo Saito1, Yoko Uchida1, Tomokazu Higuchi1, Michiko Nakamori1, Yoko Kobayashi1

1Rehabilitation Dept., National Center of Neurology and Psychiatry.

---

**PCI 20-32**

14:30～15:30

**Creating futures for occupational therapy in a work environment**

Pierre-Yves Therriault1, Sophie Guimond1

1Département d’ergothérapie, Université du Québec à Trois-Rivières.

---

**PCI 20-33**

10:00～11:00

**Occupational therapy in accident and emergency departments in Denmark a new field for occupational therapists**

Dorte Melgaard1, Pia Simonsen Lentz1

1Therapy Department, Vendsyssel Hospital.

---

**PCI 20-34**

14:30～15:30

**Healthy and Active Ageing: using a Community of Practice to continue putting lessons learned into practice**

Anke Heijsman1, Anke Van Nes1, Ammeraal Marion1, Pol Markriet1

1Expertise centre 'Participation and Environment', University of Applied Sciences Amsterdam, 2Occupational Therapy Dept., GGZ Ingeest, Amsterdam, 3Occupational Therapy Dept., University of Applied Sciences Amsterdam.

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**PCI 20-35**

10:00～11:00

**Cognitive improvement after 6 months training by using ‘Atamano dojo for PC’ cognitive exercises for preventing cognitive decline**

Tsunehiro Otsuka1,2, Rumi Tanemura1, Toru Nagao1, Kazue Noda1

1Rehabilitation Science Dept., Kobe University Graduate School of Health Sciences, 2Rehabilitation Dept., National Hospital Organization Kobe Medical Center.

---

**PCI 20-36**

14:30～15:30

**Nonverbal Communication Rehabilitation (NCR), a Clinical Trial for Elderly Patients with Dementia**

Chiaki Saito1, Akinori Nakamura1, Masahiro Nagaya1, Toyoko Inoue1, Koyo Konagaya1

1Research Division, Obu Dementia Care Research and Training Center, 2Department of Clinical and Experimental Neuroimaging, National Center for Geriatrics and Gerontology, 3Elderly Care Nursing Facility, Luminous Oubu.

---

**PCI 20-37**

10:00～11:00

**Virtual Environments simulating Activities of Daily Living for Cognitive Rehabilitation: Theoretical analysis of the principles of intervention**

Eric Sorita1,2, Evelyne Klinger1, Pierre-Alain Joseph1, Jean-Michel Mazaix1

1Rehabilitation Dept., University Hospital of Bordeaux, 2Occupational Therapy School, University Hospital of Bordeaux, 3Handicaps et Innovation Technologiques, Arts et Metiers Paristech.
Ingredients for successful Joint Medical Consultation: Care after stroke
Ernst Evenhuis¹, Ellen Witteveen¹, Muriel Koolstra¹, Isaline Eyssen¹
¹VU University Medical Center

A patient with apraxia who acquired eating behavior using crossmodal and monomodal sensory integration tasks
Kota Yokoyama¹, Hiroaki Tokusa¹, Shinya Sakai²
¹Rehabilitation Fee, Medical Corporation Yoyjukan Aoba Hospital, ²Rehabilitation Fee, Medical Corporation Yoyjukan Tomakomai

Early intervention for upper dysphagia patients
Debbie Thorsoe Christensen¹, Trine Nielsen¹
¹Dept. of Occupational Therapy, Slagelse Hospital

Appropriate time to start prism adaptation for unilateral spatial neglect after removal of brain tumor
Akiko Kakuta¹, Hiroko Miwa¹, Mayuko Morii¹, Tetsu Ikai²
¹Department of rehabilitation, Tokyo women’s medical university, ²Department of rehabilitation, Tokyo women’s medical university

An eye-drop aid that does not require pinching for patients with severe rheumatoid arthritis
Michiya Endo¹, Kazue Noda²
¹Department of rehabilitation, Tokyo women’s medical university, ²Dept. of Occupational Therapy, Slagelse Hospital

Development and the Application of the Examination for Cerebral Function to Conduct on a Tablet PC
Yasu Naito¹, Masahiro Nakaoka¹, Kazuyo Oryoji¹, Shinichi Takabatake¹, Yoshinori Ueda²
¹Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, ²Rehabilitation Center, Sakai Welfare and Health Plaza, ³NPO Information Technology Mutual Support Association

The effect of Robot Suit HALR for the patient with pontine hemorrhage
Shinichi Tomioka¹, El Hara¹, Yuta Nakagawa¹, Masae Ito¹, Nobuhiro Ogawa¹
¹Rehabilitation Dept., Yuasa foundation Jusendo General hospital, ²Rehabilitation Dept., Yuasa foundation Jusendo Kagayama hospital, ³CYBERDYNE Inc

Accepting the Challenge: Developing a Valid and Culturally Relevant Daily Living Skills Assessment
Elizabeth Zayat¹
¹Occupational Therapy Education Program, Rockhurst University
Appearance of phantom limb as needed

Takashi Suzuki¹, Michitaka Funayama², Yohta Nariyuki¹, Minami Ohyama¹, Mikoto Baba¹

¹Department of Rehabilitation, Ashikaga Red Cross Hospital, ²Department of Neuropsychiatry, Ashikaga Red Cross Hospital

When born by an occupational therapist’s idea, it is a RAKURAKU hot spring knee supporter: Company joint research development

Makaharu Hayashi¹, Shinsuke Yuasa²

¹Occupational therapy Section, JA Sizuokakoseiren Rehabilitation Nakaizu Supa Hospital, ²PROIDEA operation division, Dream company

The Adaptation in Reaching Movement Measured Against Robotic Resistance Through Horizontal and Vertical Planes in Healthy Young Adults

Satoaki Chida¹, Takehiro Iwami², Tsubasa Tanaka²

¹Department of Rehabilitation Medicine, Akita University Hospital, ²Department of Faculty of Engineering and Resource Science, University Graduate School of Engineering and Resource Science

A Call to Action: Ignite your leadership skills and seize the moment when opportunities arise

Arameh Anvarizadeh¹

¹Los Angeles Department of Public Health, California Children’s Services

True car training with the remodeling car of the severe right hemiplegia patient whom significant higher brain dysfunction is not seen in

Toshihiro Inagaki¹, Yoshihiko Yamada¹, Ayumi Toriyama¹, Sin Nakazawa¹

¹Rehacare part, Aichi rehabilitation hospital

Towards an occupational therapy solution for the prevention and/or self management of diabetes

Annabel Youngson¹, Diane Cox², Helen Wilby³, Fiona Cole³

¹Faculty of Health and Wellbeing, University of Cumbria

The Child Occupational Self Assessment (COSA) for the overweight and well school children

Kazuya Yoshioka¹, Mayumi Arikawa¹, Takashi Yamada¹

¹Department of Occupational Therapy, Faculty of Health Science, Mejiro University, ²Division of Occupational Therapy, Department of Rehabilitation Sciences, Chiba Prefectural University of Health Sciences, ³Graduate School of Rehabilitation Science, Mejiro University
Essential elements of occupation: Occupational choice for individuals in a forensic psychiatric ward. A qualitative study
Nicole J.M. Linssen1,2, Ingaa Devisch3, Dominique Van de Velde2
1Occupational Therapy, Mondriaan. 2Physical Therapy and motor rehabilitation, University Ghent

Cross-cultural Adaptation and Psychometric Properties of the Meaningful Activity Participation Assessment Taiwan Version
Ya-Chin Yeh1, Chang-Chih Kuo2
1Department of Occupational Therapy, Kaohsiung Medical University

Advocating for meaningful occupations to other specialists using Aid for Decision-making in Occupation Choice: a case study
Mari Saito1, Inga-Lill Boman2, Per-Olof Hedvall3
1Cer tec, Department of Design Sciences Faculty of Engineering, P.O. Box 118, S-221 00 Lund, Sweden. Lund University. 2Department of Clinical Sciences, Division of Rehabilitation Stockholm, Danderyds University Hospital, S-182 88, Stockholm, Sweden. Karolinska Institutet. 3Cer tec, Department of Design Sciences Faculty of Engineering, P.O. Box 118, S-221 00 Lund, Sweden. Lund University

Collaboration／連携

The volunteer activities of Japan International Cooperation Agency (hereinafter, JICA) in Colombia
Mari Saito1, Yoshihisa Sato2
1Japan Overseas Cooperation Volunteers, Japan International Cooperation Agency. 2Health Sciences, Department of Rehabilitation, Tohoku Fukushi University

The exploring the theory of the identity of occupational therapy
Katsuki Yamano1
1Department of occupational therapy, Kumamoto-ekimae Nursing and Rehabilitation College

Occupational Therapy as a Catalyst in Diversity Competency
Seiko Watanabe1
1North Star Community Therapy. 2Northern Health Authority

Current situation and task of wheelchair management in the Long-term Care Health facilities in Niigata City
Masahiro Takebe1, Makiko Aida1, Hiromi Yamakura2
1Rehabilitation Dept., Misonopia Long-term Care Health facility. 2Rehabilitation Dept., Oyamaikouen Long-term Care Health facility

Advocating for meaningful occupations to other specialists using Aid for Decision-making in Occupation Choice: a case study
Tatsunori Sawada1, Tomoe Ozawa2, Masahiro Ogawa1, Kounosuke Tomori2
1IMS Itabashi Rehabilitation Hospital. 2Kanagawa University of Human Service

第16回 世界作業療法士連盟大会・第48回 日本作業療法学会 315
### PCO 20-6 14:30～15:30
Disability studies: It makes you think again about occupational therapy

**Elien Van der Wiist**
Occupational Therapy, Jeroen Bosch Hospital

### PCO 20-7 10:00～11:00
Outcomes of community-based cooperation: Rehabilitation of stroke patients with an aim toward the reconstruction of their lives

**Junichi Inoue**, Naomi Sasajima, Atsuhito Hashima, Fumio Sato, Hiroshi Nakane
1. Physical Medicine and Rehabilitation, National Hospital Organization Fukuoka Higashi Medical Center
2. Cerebrovascular Medicine, National Hospital Organization Fukuoka Higashi Medical Center

### PCO 20-8 14:30～15:30
Exploring occupational therapist’s perceptions of professional values and their influence on their practice

**Marie-Josee Drolet**
Occupational therapy department, University of Quebec at trois-Rivières

### PCO 20-9 10:00～11:00
Effect of a Clinical Teamwork Education Program for Multidisciplinary Undergraduates

**Jer-Hao Chang**, Yea-Shwu Hwang, Ling-Yi Lin, Mei-Jin Chen-Sea, Jing-Jane Tsai
1. Department of Occupational Therapy, College of Medicine, National Cheng Kung University
2. Institute of Allied Health Sciences, College of Medicine, National Cheng Kung University
3. Department of Neurology, College of Medicine, National Cheng Kung University

### PCO 20-10 14:30～15:30
Interprofessional collaboration in supporting self management of clients: How primary care teams collaborate to create care plans

**Ramon Daniels**, Jerome van Dongen, Stephanie Lenzen, Loes van Bokhoven, Trudy van der Weijden
Research Centre on Autonomy and Participation, Zuyd University Netherlands

### PCO 20-11 10:00～11:00
Service of occupational therapist in special support school

**Chinatsu Hayashibara**, Seishi Terada, Yosuke Uchitomi
1. Graduate school of medicine, dentistry and pharmaceutical sciences, Okayama University

### PCO 20-12 14:30～15:30
Salutogenesis and occupational therapy education how to integrate this interprofessional topic in a curriculum

**Matthias Moeller**
University of Applied Sciences of Southern Switzerland

### PCO 20-13 10:00～11:00
Holistic Circus Therapy: Incorporating adaptive instruction and equipment

**Jill Maglio**, Craig Quat
Holistic Circus Therapy, Education, The Circus Place

### PCO 20-14 14:30～15:30
A case: achievement of home return by living environment setting and inter-professional collaboration

**Yukari Ishigasa**, Tomohiro Kitayama
Rehabilitation Dept, Social Welfare Organization Kohoen Kinkai Rehabilitation Hospital

### PCO 20-15 10:00～11:00
Occupational therapy to an advanced cancer patient with lower limbs lymphedema

**Naomi Yamamoto**, Mai Yamamoto, Kazuaki Yamamoto
1. Department of Rehabilitation service, Saiseikai Shiga hospital
2. Department of Rehabilitation medicine, Saiseikai Shiga hospital

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1. 16th International Congress of the World Federation of Occupational Therapists in collaboration with the 48th Japanese Occupational Therapy Congress and Expo

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<thead>
<tr>
<th>PCO 20-16</th>
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<tbody>
<tr>
<td>Teaching through Experiential Learning: The Art of Using Interprofessional Skills in the Classroom</td>
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<tr>
<td>Elizabeth A. Taylor1, Sharla King2, JoAnne Davies2, Chris Ward3, Susan Sommerfeldt3</td>
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<tr>
<td>1Department of Occupational Therapy, University of Alberta, 2Health Science Education and Research Common, University of Alberta, 3Faculty of Medicine, University of Alberta, 4Faculty of Nursing, University of Alberta</td>
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<tr>
<th>PCO 20-17</th>
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<tr>
<td>Clues of Drawing CVA inpatients’ Attention to Own Lives</td>
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<tr>
<td>Sayaka Iwakami1, Motoko Sugihara2</td>
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<tr>
<td>1Department of Occupational Therapy, International University of Health and Welfare, 2Shinjuku Keyakien</td>
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<th>PCO 20-19</th>
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<tr>
<td>Introduction of the Japanese occupational therapy for an eating disorder and dysphagia</td>
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<tr>
<td>Tomotaka Ueda1, Misako Higashijima1, Takayuki Tabira1</td>
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<tr>
<td>1Faculty of Rehabilitation Sciences, Nishikyushu University, 2Graduate School of Biomedical Sciences, Nagasaki University</td>
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<tr>
<th>PCO 20-20</th>
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<tr>
<td>Occupational therapy for disability acceptance in the terminal phase</td>
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<tr>
<td>Toshie Yano1</td>
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<td>1Rehabilitation center, Nanbu Hospital</td>
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<th>PCO 20-21</th>
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<tr>
<td>Current Status and Issues of Acute Phase Occupational Therapy in the Community That Has No Recovery Phase Rehabilitation Ward</td>
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<tr>
<td>Shinichi Shirasawa1, Ryuichi Saitou1</td>
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<td>1Shimonoseki City Toyoura Hospital</td>
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<th>PCO 20-22</th>
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<tr>
<td>Letting go of a new habit: Group-leaders experiences of a multi-disciplinary programme “Active Lifestyle all your Life”</td>
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<tr>
<td>Erika Johansson1, Hans Jonsson1, Lena Borell1</td>
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<td>1NVS Division of Occupational Therapy, Karolinska Institutet</td>
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<th>PCO 20-23</th>
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<tr>
<td>Commitment to community life continues from institutionalism: Report of the training content and related committees</td>
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<tr>
<td>Yasushi Ouchi1</td>
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<td>1Rehabilitation Dept., Motodate Hospital</td>
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<th>PCO 20-24</th>
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<tr>
<td>Lifestyles for well being: Developing services, research capacity and evidence in an interprofessional setting</td>
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<tr>
<td>Sandy Rutherford1, Jacqueline Feather1</td>
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<td>1Faculty of Health and Environmental Sciences, Auckland University of Technology</td>
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### PCO 20-25 10:00～11:00
**Study about development of the record paper for house remodeling to use in recovery rehabilitation unit**

Yuki Sawada, Mie Hashimoto

1. Student of Doctor Program in Department of Occupational Therapy, Graduate School of Human Health Sciences, Tokyo Metropolitan University. 2. Graduate School of Human Health Sciences, Tokyo Metropolitan University

### PCO 20-26 14:30～15:30
**Occupational therapy practices and inter-professional collaboration to promote decision-making in a day-service center**

Kentarou Ohnishi, Aya Hiraiishi, Hiromi Nakamura-Thomas

1. Nishiarai service center for community-dwelling older people, Daiwa group. 2. Occupational Therapy, Saitama Prefectural University

### PCO 20-27 10:00～11:00
**Collaboration for creating opportunities in the community**

Marion Ammeraal, Chris Molten van der, Doppý Ouden van den

1. Acten GGZ inGeest, GGZ inGeest

### PCO 20-28 14:30～15:30
**An investigation into the supports for students with disabilities whilst on practice placement**

Cloidal Nolan, Susan Madigan, Claire Gleeson, Declan Treanor

1. Discipline of Occupational Therapy, Trinity College, Dublin, Ireland. 2. Disability Service, Trinity College, Dublin, Ireland

### PCO 20-29 10:00～11:00
**Half-Made-Housing for a person with wheelchair**

Joko Miyoshi, Mayu Suzuki, Akira Sakakibara, Harumi Aoki

1. Nagoya city Rehabilitation Center

### PCO 20-30 14:30～15:30
**Support for communication between the staff and the user : cooperation and progress according to specific situations**

Sayaka Tone, Tomohisa Matsumoto, Nana Kamida, Yuki Okuyama, Takumi Hamada

1. Medical Division of Rehabilitation, Wakayama Social Welfare Corporation NANKI Medical Welfare Center. 2. Medical and Education Division of day-care, Mie Prefecture kusanomi Rehabilitation Center. 3. Medical Division of Rehabilitation, Mie Prefecture kusanomi Rehabilitation Center

### PCO 20-31 10:00～11:00
**The role of occupational and physical therapy in disability acceptance for patients with spinal cord injury**

Aki Yamamoto, Atsushi Nishitani, Yusuke Noda

1. Rehabilitation Dept., Ishikawa prefecture Saiseikai Kanazawa Hospital

### PCO 20-32 14:30～15:30
**Collaboration among health professionals towards enhanced patient care : findings from the survey in Fujioka General Hospital**

Ken Kondo

1. rehabilitation dept., Fujioka General Hospital

---

1. Tokyo Metropolitan University. 2. Graduate School of Human Health Sciences, Tokyo Metropolitan University. 3. Nishiarai service center for community-dwelling older people, Daiwa group. 4. Occupational Therapy, Saitama Prefectural University. 5. Nagoya city Rehabilitation Center. 6. Medical Division of Rehabilitation, Wakayama Social Welfare Corporation NANKI Medical Welfare Center. 7. Medical and Education Division of day-care, Mie Prefecture kusanomi Rehabilitation Center. 8. Medical Division of Rehabilitation, Mie Prefecture kusanomi Rehabilitation Center. 9. Discipline of Occupational Therapy, Trinity College, Dublin, Ireland. 10. Disability Service, Trinity College, Dublin, Ireland.
The influences by OT on the satisfaction with wheelchairs provided in the institutes for aged people: The questionnaire to nursing homes

Takeshi Muraoka1,2, Shigeru Tanaka2
1Faculty of Health and Medical Sciences, Tokoha University, 2Graduate School of Health and Welfare Sciences, International University of Health and Welfare Graduate School

PCO 20-34  14:30～15:30
Instructor-type practice provided by occupational therapists to nurses
Tomomi Ohori1, Makoto Aoyama1
1Department of Rehabilitation, Teine Keijinkai Hospital

PCO 20-38  14:30～15:30
The role and function of Occupational therapist in “Act on the Promotion of Research, Development and Dissemination of Social Welfare Equipment”
Jiro Yonezaki1, Maki Ikeda1, Shinji Yoshida1
1Osaka-citg Rehabilitation Center Assistive Technology Department

Disaster／災害

PDI 20-1  10:00～11:00
The role that an occupational therapist achieved at The Great East Japan Earthquake
Yoshikazu Kid1
1Rehabilitation Dept, Naraha-tokiwaen Geriatric Health Services Facilities

PDI 20-2  14:30～15:30
The practice and result of occupational therapy in a community based rehabilitation in collaboration with participants after the severe Japan earthquake: Challenge of young occupational therapists at Oshika Peninsula Miyagi Prefecture
Hitomi Shintani1, Yuujiro Notsu1, Miki Izukoa, Junichiro Muranaka1
1Rehabilitation Department, Camus Tohoku, 2Division of Rehabilitation, Medical corporation Kenreiikai Fureai Hiratuka Hospital

PDI 20-3  10:00～11:00
Assistance to disaster-stricken areas by persons hospitalized over the long-term
Yuta Kondo1, Ai Kuraishi1, Rumi Sunohara2
1Dematsu Hospital, 2Department of Occupational Therapy, Nagano Rehabilitation College

PDI 20-4  14:30～15:30
Promoting the Inclusion of Persons with Disabilities during Post-Disaster Situations
Penefrancia Ching1, Ferdiliza Dandah Garcia2
1Department of Occupational Therapy, College of Allied Medical Professions, University of the Philippines Manila, 2Philippine Association of Speech-Language Pathologists
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PDI 20-5</td>
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<tr>
<td>The impact of the Great East Japan Earthquake in long-term care person of the Namegata city</td>
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<tr>
<td>Shigemi Nakamura¹, Yukie Uchiyama¹, Yoshitugu Nohara², Nobuya Takayanagi³</td>
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<tr>
<td>¹Department of Occupational Therapy, AHRIU Medical Care and Welfare Professional Training College, ²nursing care insurance section, Namegata City, ³community general support center, Namegata City</td>
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<td>PDI 20-7</td>
<td>10:00~11:00</td>
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<td>Our experiences of recovery from floods in Thailand: Specialties and cooperation with other professions</td>
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<td>Ryuma Yonemoto¹, Nobuhide Kawabe¹</td>
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<td>¹Physical therapy course, Chigasaki Rehabilitation College</td>
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<td>PW 20-1</td>
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<td>Consideration of the acquirement for manners in the Japanese traditional tea ceremony and the substitute way for patient after THA: single case study</td>
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<td>Mai Kawamura¹, Shigenori Inaguma¹, Yasushi Murou², Tatsuo Matsuda³</td>
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<td>¹Rehabilitation room, Tokyo Kosei Nenkin Hospital, ²Rehabilitation Department, Tokyo Kosei Nenkin Hospital, ³Orthopedics, Tokyo Kosei Nenkin Hospital</td>
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<td>THA患者に対して日本の伝統的「礼儀・作法」を考慮した介入</td>
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<td>PW 20-2</td>
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<td>transdisciplinary-based practices in occupational therapy</td>
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<td>Anne Maree Caire¹, Laura Simsole¹</td>
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<td>¹MAS Clement Wurtz, Fondation des caisses d'epargne pour la solidarite</td>
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<td>PW 20-3</td>
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<td>Effectiveness of Eccentric Viewing Training for Activities of Daily Living for Individuals With Age-related Macular Degeneration: A Systematic Review and Meta-Analysis</td>
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<td>Seung Pyo Hong¹, Hae Yean Park², Eun-Young Yoo³</td>
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<td>¹Occupational Therapy Department, Dongnam Health College, ²Occupational Therapy Department, Florida International University, ³Occupational Therapy Department, Yonsei University</td>
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<td><strong>GP-13</strong></td>
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**The relationships between organizational abilities and sensory processing among school aged children**

Nirit Lifshitz¹, Mor Ziv², Noa Rotem³

¹Department of Occupational Therapy, Faculty of Health Professions, ²Department of Occupational Therapy, Faculty of Health Professions, ³Department of Occupational Therapy, Faculty of Health Professions

**GP-13-3 CH**

**Transition to work of young adults with Cerabral Palsy**

Joan A.C. Verhoef¹, Harald S. Miedema², Marij Roebroeck²

¹School of Health Care Studies, Rotterdam University of Applied Sciences, ²Department of Rehabilitation Medicine and Physical Therapy, Erasmus University Medical Center

**GP-14 PD**

**Cross-cultural adaptation of the Upper Limb Functional Index for the French Canadian population**

Tokiko Hamasaki¹,²,³,⁴,⁵, Louise Demers²,³,⁴,⁵, Johanne Filiatrault²,³,⁴,⁵

¹Occupational Therapy Department, Centre hospitalier de l’Universite de Montreal, ²School of Rehabilitation, Faculty of Medicine, Universite de Montreal, ³Research Center, Institut universitaire de geriatrie de Montreal, ⁴Canadian Association of Occupational Therapists, ⁵Ordre des ergotherapeutes du Quebec

**GP-14-2 PD**

The occupational therapist gets to know the patient, not the person. The start of the clinical reasoning process as it has been experienced by the client: A qualitative study based on the grounded theory tradition

Dominique Van de Velde¹,², Patricia De Vriendt²,³

¹Faculty of Medicine and Health Sciences, Department of Occupational Therapy, Ghent University, ²Vrije universiteit Brussel, Faculty of Medicine and Farmacy, ³Department of Occupational Therapy, Artevelde University College

**GP-14-3 PD**

Cognition, Depression, Quality of Life and Participation three month after first-ever Mild Stroke

Noomi Katz¹, Adina Maeir², Tali Adamit³

¹Research Institute for Health and Medical Professions, Ono Academic College, Israel, ²School of Occupational Therapy, Hebrew University and Hadassah, Jerusalem Israel, ³School of Occupational Therapy, Hebrew University and Hadassah, Jerusalem Israel

**GP-14-4 PD**

A systematic review on the effectiveness of upper limb weighting strategies for postural and intention tremor

Aifah Jamaludin¹, Priscilla Ann Harries²

¹Occupational Therapy Program, School of Rehabilitation Sciences, Faculty of Health Sciences, The National University of Malaysia, ²Occupational Therapy Department, School of Health Sciences and Social Care, Brunel University
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| **GP-15** | 14:30~15:30 | Elderly / 老年期障害 | **Chair/座長**
| Shinya Hisano | Kyushu Nutrition and Welfare University (久野真矢 九州栄養福祉大学)

**GP-15-1** | EL | The Relationship between Sensory Processing Deficits and Behavioral and Psychological Symptoms in Persons with Dementia  
Meng-Hsuan Wen¹, Hui-Fen Mao¹, Ling-Hui Chang², Mei-Hui Tseng³  
¹School of Occupational Therapy, National Taiwan University, ²Department of Occupational Therapy, National Cheng-Kung University

**GP-15-2** | EL | Evidence-Based Interventions to address Reading, Leisure, and Social Participation for Older Adults Living with Vision Loss  
Stacy Smallfield¹, Sue Berger², Jennifer Kaldenberg³  
¹Department of Occupational Therapy, University of South Dakota, ²College of Health and Rehabilitation Sciences : Sargent College Dept. of Occupational Therapy, Boston University

**GP-15-5** | EL | Correlates of Successful Aging in Older Adults with Disability in the Community  
John Liu Jr¹, Pamela A. Richardson²  
¹Lenox Rehabilitation PT & OT, LLC, ²Department of Occupational Therapy, San José State University

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| **GP-16** | 14:30~15:30 | Education and Research | **Chair/座長**
| Atsushi Hori | Fukui College of Health Sciences (福井 医療短期大学)

**GP-16-2** | ER | Critical issues in developing Occupational Therapy in new contexts : a case-study of Tunisia  
Henrica J.M. Fransen-Jaibi¹  
¹Ecole Superieure des Sciences et Techniques de la Sante de Tunis, University of Tunis-El Manar, Tunisia

**GP-16-3** | ER | Research on concurrent validity of Community Integration Questionnaire (CIQ)  
Megumi Suzuki¹, Masayuki Yamada², Shunji Sawa², Yoshikiyo Kanada³, Eiichi Saitoh⁴  
¹School of Health Sciences, Faculty of Rehabilitation, Fujita Health University, ²School of Medicine, Medical Rehabilitation Course, Fujita Health University

**GP-16-4** | ER | Judgment on whether the living alone is possible or not : Making the checklist based on the experience of O.T.R.-part2  
Yuko Fukushima¹, Hiroyuki Sakuda², Tomoyo Hirasawa³  
¹Rehabilitation Dept., Ushioda general hospital, ²School of Nursing and Rehabilitation Sciences, Showa University, ³Nagano children's hospital

**GP-16-5** | ER | Links between research, practice and policy in an Indigenous health service in South East Queensland, Australia  
Emma Campbell¹,², Alison Nelson¹, Mills Kyly³  
¹Work It Out, Institute for Urban Indigenous Health, ²Occupational Therapy, University of Queensland, ³Political Science and International Studies, University of Queensland
第16回 世界作業療法士連盟大会・第48回 日本作業療法学会

発達障害/Children

PCH 21-1 10:00～11:00
Psychological support for the mother of a patient who underwent brain tumor lumpectomy a fifth time
Hisae Kitajima¹, Masumi Oohata¹, Yayoi Kani¹, Naoki Yoshida¹
¹Asahikawa Medical University Hospital
脳腫瘍が再発し5回目の摘出術を受けた症例の母親に対する心理面への支援

PCH 21-2 14:30～15:30
Botulinum toxin treatment for cerebral palsy with spasticity of left upper limb and the importance teaching self-exercise in occupational therapy
Shiori Suzuki¹, Akiko Kakuta¹, Michiru Adachi¹, Makoto Funatsuka², Tetsuo Ikai¹
¹Department of Rehabilitation, Tokyo Women’s Medical University, ²Department of Pediatrics, Tokyo Women’s Medical University
左片麻痺を呈する痉直型脳性麻痺児の上肢痙性に対するボツリヌス療法と投与前後の作業療法評価に基づいた自主訓練指導の必要性−症例報告

PCH 21-3 10:00～11:00
The development of check items for occupational therapists to observe on special needs education in a regular class
Ai Honda¹, Chieko Karashima¹
¹Graduate School of Medicine, Nagoya University
特別支援教育における観察チェック項目の作成−OTが学校訪問時に観察する物理的環境

PCH 21-4 14:30～15:30
Evaluation of various behavioral and emotional problems in children with developmental disorders: Usefulness of the Japanese version of Child Behavior Checklist
Makoto Watanabe¹, Syoko Ito¹, Keiichi Takahashi¹, Takashi Ishikawa², Yukio Sawaishi³
¹Rehabilitation Section, Akita Prefectural Center on Development and Disability, ²Department of Occupational Therapy, Akita University Graduate School of Health Science, ³Department of Pediatrics, Akita Prefectural Center on Development and Disability
発達障害児の情緒と行動特徴−日本語版 Child Behavior Checklist の有用性

PCH 21-5 10:00～11:00
Motivation to participate in physical activities for a child with pervasive developmental disorder was improved by occupational therapy intervention:～In terms of the element of play～
Minori Saito¹, Tomomi Hikasa¹, Yoshiko Ozaki¹, Ryuji Kobayashi¹
¹Child Development Center, Shigei Medical Research Hospital, ²School of Health Science and Social Welfare, Kibi International University
運動への意欲が改善できた広汎性発達障害(PDD)児への介入～遊びの要素に着目して

PCH 21-6 14:30～15:30
Research on behavioral differences related to sensory modulation disorders in Japanese children with autism spectrum disorders
Kanae Matsushima¹, Toshhiro Kato¹, Mikiko Syoji²
¹Human Health Science, Kyoto University Graduate School of Medicine, ²nonprofit organization Sora
感覚調整障害に関連した自閉症スペクトラム障害児の行動特性に関する調査

PCH 21-7 10:00～11:00
Experience of occupational therapy under Botulinum toxin treatment for spasticity of wrist of a child with cerebral palsy: progress during the twice injections
Yoshiteru Edo¹, Izumi Udono¹, Hiroichi Hara¹
¹Rehabilitation Sec., Karatsu medical and welfare center for people with disabilities
脳性まひをもつ子どもの手関節著性に対するボツリヌス毒素療法の作業療法の経験−2回の投与経過を追って
### 16th International Congress of the World Federation of Occupational Therapists in collaboration with the 48th Japanese Occupational Therapy Congress and Expo

#### PCH 21-8 14:30～15:30

**Report of a Case that Implemented the Visual Space Recognition Homework and Learned Handwriting While Having Fun**  
Shinobu Matsumoto

- Saga Handicapped Children’s Hospital

- 楽しみながら視空間認識課題を実施し書字を獲得した1症例の報告

- 松木のぶ

#### PCH 21-9 10:00～11:00

**Study on gross and fine motor skills in adults with pervasive developmental disorders before and after interventions**  
Hiroshi Kurumadani, Reiko Fukatsu

- Hiroshima University, Health Sciences Major, Graduate school of Biomedical and Health Sciences, "National Rehabilitation Center for Persons with Disabilities

- 介入前後の発達障害者の粗大および微細運動能力に関する研究

- 車谷 洋, 深津玲子

#### PCH 21-10 14:30～15:30

**Application of functional near-infrared spectroscopy (fNIRS) for the intervention process for individuals with severe motor and intellectual disabilities**  
Daisuke Hirano, Takamichi Taniguchi

- Graduate School of Health and Welfare Sciences, International University of Health and Welfare, "Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences at Odawara, International University of Health and Welfare, "Department of Occupational Therapy, School of Health Sciences, International University of Health and Welfare

- 重症心身障害者の介入過程における機能的近赤外分光法(fNIRS)の有用性

- 平野大輔, 谷口敬道

#### PCH 21-11 10:00～11:00

**Promoting Social Participation for Families of Children with Disabilities**  
Hirokazu Nishikata, Etsuko Odawara

- Faculty of Health Science Technology, Bunkyo Gakuin University, "PhD candidate, Seirei Christopher University, "School of Rehabilitation Sciences, Seirei Christopher University

- 障害児家族の社会参加の促進

- 西方浩一, 小田原悦子

#### Physical Disabilities／身体障害

#### PPD 21-1 10:00～11:00

**Efforts of the Postoperative Rehabilitation for Rotator Cuff Massive Tears**  
Ryohei Hitaka, Shoji Ueno, Yoshinori Sugita

- Department of Rehabilitation, Saiseikai Shimonoseki General Hospital

- 当院における肩腱板裂(大断裂)症例に対する後療法の検討

- 日高諒平, 上野祥志, 椙田芳徳

#### PPD 21-2 14:30～15:30

**Effect of Behavioral Approach for Lower-body Dressing in Cognitive Dysfunction : Single Subject Design**  
Fumiko Morishita, Go Kinoshita, Makoto Suzuki

- Department of Rehabilitation, Saiseikai Yokohama Tobu Hospital, "Department of Occupational Therapy, Niigata University of Health and Welfare

- 高次脳機能障害者の下衣着衣動作に対する行動学的アプローチの効果—シングルケースデザイン

- 森下史子, 木下 潔, 鈴川 活水

#### PPD 21-3 10:00～11:00

**The force of traction of a new spider splint**  
Yuya Okazaki, Emiko Takeda, Katsumi Suzukawa, Kiyoshi Yasaki

- Rehabilitation center, Musashimurayama Hospital, "Health and Medical Faculty Department of Occupational Therapy, Meijiro University

- 新蜘蛛のすびの牽引力
New spider splint and supporting splint combined application  
Tomoko Tanabe1, Taketomo Yoshino1, Katsumi Suzukawa1, Kiyoshi Yasaki2  
1Rehabilitation center, Musashimurayama Hospital, 2Health and Medical Faculty Department of Occupational Therapy, Mejiro University

A case with a dressing apraxia patient showed decreased frequency in dressing problems after using a dressing checklist  
Shinichi Tsunemi1, Youji Kibayashi1, Mariko Morita1, Mai Takeuchi1  
1Rehabilitation Dept., Otsu Red Cross Hospital

Effect of health tourism on the quality of life of people with Parkinson's disease in Kyoto  
Tomoko Akamatsu1, Toshio Kawamata2  
1School of Health Sciences, Bukkyo University, 2Graduate School of Health Sciences, Kobe University

A case of basal forebrain amnesia after subarachnoid hemorrhage treated by occupational therapy  
Mariko Hara1, Masaharu Maeda2, Hirotaka Nagumo3, Mitsuharu Sugawara4  
1Department of Occupational Therapy, School of Health Sciences at Fukukai, International University of Health and Welfare, 2Department of Rehabilitation, International University of Health and Welfare, Graduate School, 3Department of Occupational Therapy, Faculty of Community Health Care, Teikyo Heisei University, 4Seishinkai Fujino-Onsen Hospital

Forced use of paralyzed upper limb in apraxia patient  
Tatsuya Takama1, Naoko Kawakami1, Kazuhiro Nagae1, Munehiro Ikuta2, Shiniro Kawakita3  
1Occupational therapy section, Keiju Medical Center, 2Department of Occupational Therapy, Tokyo University of Technology, 3Rehabilitation Dept., Keiju Medical Center

Effect of BTX-A re-administration on patients with upper-limb spastic hemiparesis after stroke: Focusing on changes in muscle tone  
Kiyomi Mineoka1, Tomoko Takemoto1, Tomie Iyanaga1, Risa Seki1, Isao Inoue1  
1Rehabilitation Dept., fukuokakaisyuukai Hospital

June 21 (Sat) Poster Session
June 21 (Sat) Poster Session

PPD 21-11 10:00∼11:00

Does Task-Oriented Training for stroke patients improve the ability of Action Selection? : Case Report
Keisuke Hanada1, Takashi Takebayashi1, Satoru Amano1, Atsushi Umez1, Kazuhisa Domen1
1Department of Rehabilitation, The Hospital of Hyogo College of Medicine, 2Department of Rehabilitation Medicine, Hyogo College of Medicine

課題指向的訓練は脳卒中患者のAction Selectionに影響を与えるか？
花田健介1, 竹林 慶1, 天野 信1, 梅地篤史2, 滝沼和久2
1兵庫医科大学病院リハビリテーション部, 2兵庫医科大学リハビリテーション医学教室

PPD 21-12 14:30∼15:30

Outcomes in intravenous rt-PA therapy
Tetsu Tsukada1
1Takeda General Hospital

rt-PA 静注療法における転帰について
塚田徹1
1竹田総合病院

PPD 21-13 10:00∼11:00

A case who improved upper limb pain using the Elderly Version of Leisure time Activity Enjoyment Scale
Takahiro Toyama1, Toshihiro Honke1, Toru Inada1
1Rehabilitation Dept., Asahikawa Rehabilitation Hospital, 2School of Rehabilitation Sciences, Health Science University of Hokkaido

高齢者機能評価の新しい評価尺度での上肢痛の改善事例
外山拓也1, 本家洋平1, 秋谷厚1
1旭川リハビリテーション病院リハビリテーション部, 2北海道医学大学リハビリテーション科学部

PPD 21-14 14:30∼15:30

Characteristics of the postural control to the demands of a task in patients with stroke
Shogo Hiragami1,2, Tetsushi Nonaka1, Yasuo Suzuki3
1Research Institute of Health and Welfare, Kibi International University, 2Department of Rehabilitation, Kurashiki Rehabilitation Hospital, 3Department of Rehabilitation, Kurashiki Kinen Hospital

脳卒中患者のタスクに応じた姿勢制御の特性
平野浩1,2, 本郷昌之3
1兵庫国際大学保健福祉研究所, 2脳卒中リハビリテーション病院リハビリテーション科, 3脳神経外科研究所

PPD 21-15 10:00∼11:00

Transferring orthosis for spinal cord injury patient with bilateral transfemoral amputation
Masami Nakagawa1, Ikuko Murata1, Mari Ogawa1, Marina Hamada1, Shinji Hirabayashi1
1Central Rehabilitation Dept, Osaka Rosai Hospital

両大腿切断を伴う脳脊髄損傷患者の移乗動作の獲得に向けて－帯び装置の利用の必要性－
中川正美1, 村田恒子1, 小川真里1, 松本栄里里1, 平林伸治1
1大阪労災病院中央リハビリテーション部

PPD 21-16 14:30∼15:30

Development of Functional Training for the Body-Powered Prosthetic Hand using Sensory Modality
Masaki Nakagawa1, Kumiko Sasa2, Toshiyuki Ishioka2, Hiromi Nakamura-Thomas3, Toyohiro Hamaguchi3
1Department of Rehabilitation, National Rehabilitation Center for Persons with Disabilities, 2Department of Occupational Therapy, Saitama Prefectural University Graduate School of Health Science

知覚モニタリングを活用した能動義手操作の基本練習プログラムの開発
中川雅樹1, 坂尾久美子2, 石内善之2, 中村裕美3, 溝口豊太3
1国立脳神経センターリハビリテーション部, 2埼玉県立大学大学院保健医療福祉学研究科作業療法学講座

PPD 21-17 10:00∼11:00

How to put on an ankle-foot orthosis independently? : A pattern analysis of the methods used by stroke patients
Chihiro Kawahara1, Tomomi Sato1, Koji Sato1
1Rehabilitation Dept., Yufuin Koseinenkin Hospital

脳卒中患者の人工足首装具の着脱のためのパターン分析
川村千里1, 川上真理1, 佐藤浩1
1湯布院厚生年金病院リハビリテーション部

PPD 21-18 14:30∼15:30

The follow-up survey after the myoelectric arm making at this hospital : We look back on an intervention method in the occupational therapy
Misuzu Kaneko1, Takeyoshi Iwao1, Mikiko Nagamatsu1, Mayumi Nomura1, Saki Hayasaka1
1Rehabilitation department, Kanto Rosai Hospital

当院における筋電気義手作成後の追跡調査－作業療法での介入方法を振り返る
金子春雄1, 鳥取武宣1, 永松幸子1, 野村真弓1, 早坂早紀1
1労働福祉事業部, 2東京労災病院中央リハビリテーション部
The research into the process of the interaction. The first report: To grasp client’s demands. To make out the semi-structured interview form for the interaction between clients and occupational therapists.

Saki Sato1, Yoshikazu Ishii2
1St. Luke’s International Hospital, 2Master student of the department of Occupational Therapy, Graduate school of Human Health Sciences, Tokyo Metropolitan University.

Occupational Therapy in post Hand Reconstruction surgery: A rural Indian experience

Deepak Ganjiwale1, Jaishee Ganjiwale2
1kmip, 2MPHM, shree krishna hospital.
Effects of Working Memory Task on Ataxia: Effects of the Prefrontal Approaches on the Learning of Posture and Walking

Atsushi Sato1, Kazushige Takahashi1, Takahiro Takenaka1
1Rehabilitation Dept., Murakami Memorial Hospital Asahi University

Forearm rotation range of motion after the fracture of the distal radius: Association with the distal radioulnar joint and carpal bone

Eri Uchida2, Masakazu Kubo1, Tomoaki Matsuda1, Miki Kashiwagi1, Tadashi Ogura2
2Rehabilitation Dept, Ogura memory Hospital, 2Orthopedics, Ogura memory Hospital

Immediate Effectiveness of Mirror Therapy in the Tactile Sensation and Its relationship with Personal Factors

Yoshikazu Tanaka1, Kenji Numata2
1Samo Rehabilitation Clinic, 2Graduate School of Health Sciences, Ibaraki Prefectural University of Health Sciences

The Originally Designed Splint for Radial Nerve Palsy

Shuya Okumura1, Sayoko Kawabata2
1Division of Rehabilitation, Seirei Hamamatsu General Hospital

The efficacy of functional Occupational Therapy After injection of Botulinum Toxin Type A to the upper limb muscle spasticity in patients with post-stroke

Yuta Noguchi1, Noriyuki Tanaka1, Goshin Kawamura1, Yuji Sawada2
1Rehabilitation Center, Syutaikai Hospital, 2Department of Physical and Occupational Therapy, Graduate School of Medicine, Nagoya University

Occupational therapy assessment of the upper limb: Use and reasoning that underpins choice - a South African perspective

Susan de Klerk1
1Occupational Therapy, Stellenbosch University

Effect of orofacial exercises on the swallowing function of stroke patients

Bo-mi Kang1, Hyuk-Cheol Kwon2, Hwan Kim2, Young-Nam Cho2
1Dept. of occupational therapy, Kang Hospital, 2Dept. of Occupational Therapy, Daegu University, 3Dept. of Occupational Therapy, Kyungwon University

The effect of occupational therapy on a double hemiplegia client receiving botulinum toxin type A

Yuri Kato1, Fusae Tozato2, Bumsuk Lee2, Hideaki Tukahara1, Yohei Tamura1
1Sato Hospital, 2Department of Occupational Therapy, School of Health Science, Faculty of Medicine, Gunma University

骨に合っているかについて橈骨発したで院リプ開経麻痺に対するス・及ぼし習失に前野への影響を課題実施歩行記

佑太野口 University

重度両片麻痺患者に対するボツリヌス療法と作業療法の効果−目的活動が可能になった症例

佐藤由里1, 外里管佐江1, 李範淑, 高原秀明, 田村洋平1
1医療法人順日会 佐藤病院, 2群馬大学医学部保健学科作業療法学専攻
第16回 世界作業療法士連盟大会・第48回 日本作業療法学会

PPD 21-35 10:00～11:00
The impact of Post Stroke Depression to the ADL of the convalescent rehabilitation ward
Kenji Tsuchiya†, Takaaki Fujita†, Daisuke Sato†, Kaori Shimoda‡, Fusae Totozato†
†Gunma University Graduate School of Health Sciences, ‡Outpatient Day Long-Term Care Yamato Egi, §Sendai Rehabilitation College, ¶Aida Memorial Rehabilitation Hospital, #Fuji Tachibana Clinic
脳卒中後遺症状態が回復期リハビリテーション病棟患者のADLに与える影響

PPD 21-36 14:30～15:30
Myoelectric hand prosthesis training in Hyogo Rehabilitation Center
Futoshi Mizobe†, Yaeko Shibata†, Ayaka Nakashou‡, Yuu Ando†
†Hyogo Rehabilitation Center Central Hospital
兵庫県立総合リハビリテーションセンターにおける筋電工電療法の取り組み

PPD 21-37 10:00～11:00
New spider splint for Clinical application
Emiko Takeda†, Yuko Koseki†, Katsumi Suzukawa†, Kiyoshi Yasaki‡
†Rehabilitation center, Musashimurayama Hospital, ‡Health and Medical Faculty Department of Occupational Therapy, Mejiro University
新蜘蛛型固定具の臨床での活用

PPD 21-38 14:30～15:30
Experience of the occupational therapy to the Terrible Triad Injury of the elbow: Single case in which the function equivalent to an unaffected side was re-gained in 12 weeks
Eiko Kumazawa†, Mitsuhiro Nanno‡, Takahumi Aoki‡
†Orthopaedic Surgery Dept, Occupational therapy room, Nippon Medical School Musashi Kosugi Hospital, ‡Orthopaedic Surgery Dept., Nippon Medical School Musashi Kosugi Hospital
肘のTerrible triad損傷に対する作業療法の経験～12週で健側と同等の機能を再獲得した一症例

PPD 21-39 10:00～11:00
Influence of psychological intervention on the quality of life of patients in our recovery phase rehabilitation ward
Naotoshi Hara†, Takuma Onitake†, Taichiro Tsutsui†, Hiroshi Takaoka†
†Rehabilitation Center, Tokuyama Medical Association Hospital
回復期リハビリテーション病棟におけるサポートグループの導入がQOLに与える影響について

PPD 21-40 14:30～15:30
Efficacy of constraint-induced movement therapy for a severely paralyzed hand caused by cerebral stroke in the chronic phase
Hirofumi Tanabe†, Toru Nagao‡, Rumi Tanemura‡
†Rehabilitation section, Self-Defense Forces Central Hospital, ‡Health Sciences Dept., Kobe University Graduate School
慢性脳卒中重度麻痺手に対するconstraint-induced movement therapyの効果

PPD 21-41 10:00～11:00
Robot-assisted training with modified Constraint-induced movement therapy in a chronic stroke patient with minimal upper-extremity motor ability
Atsushi Umej†, Takashi Takebayashi†, Satoru Amano†, Kohei Marumoto‡, Kazuhisa Domen‡
†Department of Rehabilitation, The Hospital of Hyogo College of Medicine, ‡Department of Rehabilitation Medicine, Hyogo College of Medicine
慢性期の脳卒中患者に対するロボットアシスト訓練とmodified CI療法の併用の効果

PPD 21-35 10:00～11:00
The impact of Post Stroke Depression to the ADL of the convalescent rehabilitation ward
Kenji Tsuchiya†, Takaaki Fujita†, Daisuke Sato†, Kaori Shimoda‡, Fusae Totozato†
†Gunma University Graduate School of Health Sciences, ‡Outpatient Day Long-Term Care Yamato Egi, §Sendai Rehabilitation College, ¶Aida Memorial Rehabilitation Hospital, #Fuji Tachibana Clinic
脳卒中後遺症状態が回復期リハビリテーション病棟患者のADLに与える影響

PPD 21-36 14:30～15:30
Myoelectric hand prosthesis training in Hyogo Rehabilitation Center
Futoshi Mizobe†, Yaeko Shibata†, Ayaka Nakashou‡, Yuu Ando†
†Hyogo Rehabilitation Center Central Hospital
兵庫県立総合リハビリテーションセンターにおける筋電工電療法の取り組み

PPD 21-37 10:00～11:00
New spider splint for Clinical application
Emiko Takeda†, Yuko Koseki†, Katsumi Suzukawa†, Kiyoshi Yasaki‡
†Rehabilitation center, Musashimurayama Hospital, ‡Health and Medical Faculty Department of Occupational Therapy, Mejiro University
新蜘蛛型固定具の臨床での活用

PPD 21-38 14:30～15:30
Experience of the occupational therapy to the Terrible Triad Injury of the elbow: Single case in which the function equivalent to an unaffected side was re-gained in 12 weeks
Eiko Kumazawa†, Mitsuhiro Nanno‡, Takahumi Aoki‡
†Orthopaedic Surgery Dept, Occupational therapy room, Nippon Medical School Musashi Kosugi Hospital, ‡Orthopaedic Surgery Dept., Nippon Medical School Musashi Kosugi Hospital
肘のTerrible triad損傷に対する作業療法の経験～12週で健側と同等の機能を再獲得した一症例

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Atsushi Umej†, Takashi Takebayashi†, Satoru Amano†, Kohei Marumoto‡, Kazuhisa Domen‡
†Department of Rehabilitation, The Hospital of Hyogo College of Medicine, ‡Department of Rehabilitation Medicine, Hyogo College of Medicine
慢性期の脳卒中患者に対するロボットアシスト訓練とmodified CI療法の併用の効果
Strategies in daily occupations of immigrants with late effects of polio: An interview study with immigrants from Eastern Africa

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<th>Author</th>
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<tr>
<td>Iolanda Tavares Silva</td>
<td>1,2, Anna-Lisa Thorén-Jonsson</td>
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Effect of Occupation-Focused Practice on Health-Related Quality of Life in Patients with Chronic Pain: Practice by using the Aid for Decision-making in Occupation Choice

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<tr>
<td>Naoko Yokoyama, Kenji Yabuwaki, Akira Fujioka, Kiyotaka Nishioka</td>
<td>1. General Hospital Tamano Municipal Tamano City Hospital; 2. School of Health Science and Social Welfare, Kibi International University; 3. Ibara Municipal Ibara City Hospital</td>
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</table>

Use of the Japanese assistive device (portable spring balancer) to assist disabled peoples with upper limb dysfunction in Thailand: A case study

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<td>Susumu Otsuka</td>
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Specific phenomena seen in a patient with complex regional pain syndrome

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<tr>
<td>Naoya Yamane, Hiroaki Kimura</td>
<td>1. Department of Rehabilitation, Hiroshima University Hospital</td>
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Relationship between thumb and hand arch during grasping movement

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<tr>
<td>Toshiyuki Fukushima, Hiroshi Kurumadani, Toru Sunagawa</td>
<td>1. Rehabilitation Dept., Chugoku Rosai Hospital; 2. Graduate school of biomedical and health sciences, Hiroshima University</td>
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Postoperative ADL after distal radius fracture repair using a volar locking plate

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<td>Yuka Yamanaka, Kazuhiko Misaki</td>
<td>1. Rehabilitation Dept., Saiseikai Otaru Hospital</td>
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The comparative study of three procedures of sensory reeducation post- CVA

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<tr>
<td>Cristina Y. Toyoda</td>
<td>1. Fisioterapia e Terapia Ocupacional, Universidade Estadual Paulista Campus de Marilia</td>
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Goal oriented approach to the patient with Subarachnoid hemorrhage (SAH)

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<tr>
<td>Takeshi Kawashima</td>
<td>1. Takatori Clinic daycarecenter</td>
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doi:10.1000/11:00 14:30~15:30
relationship between action and hierarchy of needs in client with dementia
Kazuhiro Fujimoto1
1Chigasaki Sin-Hokuryou Hospital

認知症グライドエントの行動と欲求段階の関係
藤本一博
1茅ヶ崎新北接駅病院
A Study of Activity Level of Frail Community-Dwelling Elderly Persons ~Using Activity Monitoring Evaluation System~

Yoshikito Fujita1,2, Junko Okuno1, Yu Takata2,3, Toshiaki Muraki1, Hisako Yanagi2
1Department of Occupational Therapy, Ibaraki Prefectural University Of Health Science, 2Department of Medical Science and Welfare, Graduate School of Comprehensive Human Science, University of Tsukuba, 3AHR Medical and Welfare College School

Factors Related to Reminiscence in Community-Dwelling Elderly Individuals

Hideaki Hanakoka1, Toshiaki Muraki1, Shingo Yamane1, Yuuka Funaki1, Hitoshi Okamura1
1Hiroshima University, 2Ibaraki Prefectural University of Health Sciences, 3Hiroshima International University

Relation to the severity and characteristics of the visual attention of dementia in the elderly: A trial of evaluation using a multi-lamp type visual cognitive task

Tomomi Asano1, Takashi Ishikawa2
1Occupational Therapy Course, Department of Rehabilitation, Faculty of Medical Science and Welfare, Tohoku Bunka Gakuen University, 2Department of Occupational Therapy, Akita University Graduate School of Health Sciences

Factors associated with the self-rated quality of life by patients with dementia in group homes

Kosuke Nakashi1, Hitoshi Muta1, Tokiji Hanihara1
1Long-Life Shiojiri, Health Care Facility for the Elderly, 2Department of Occupational Therapy, School of Health Sciences, Shinshu University School of Medicine

Verification of the home reversion rate of elderly people aged 85 and over in our hospital: Comparison the rehabilitation intervention group and non intervention group

Tsuyoshi Shimozato1, Ayano Yoshimine1
1Oshama 1st Hospital

Relationship of unilateral spatial neglect and a body image: About the left hand to underestimate

Hiroki Tokusa1, Mamoru Yokobe1, Syuichi Ishikawa2
1Rehabilitation Dept., Tomakomai Nissyou Hospital

Possible changes in the sitting position of stroke patients: An analysis of the dynamic relationship between sitting position and chair design

Tatsuo Hatta1, Hirotsu Kishigami1, Hiroshi Gouda2
1Faculty of Health Sciences, Hokkaido University, 2Graduate School of Health Sciences, Hokkaido University

Factors Related to Reminiscence in Community-Dwelling Elderly Individuals
PEL 21-12 14:30～15:30
"Occupational Participation Framework for Older Adults": A framework for engaging older adults in occupations following hospitalisation

Elizabeth Pritchard1,2, Ted Brown1, Terry Haines2,3
1Department of Occupational Therapy, Monash University, Melbourne - Australia, 2Department of Physiotherapy, Monash University, Melbourne - Australia, 3Allied Health Research Centre, Southern Health, Melbourne - Australia

PEL 21-13 10:00～11:00
The usefulness of dance for patients with severe Parkinson's disease

Takashi Yamada1, Yuko Kourogi1, Shoko Nakayama1, Shuichi Kamijikokoku1, Yoshimizu Honda1
1Rehabilitation Dept., Ryzan Internal Medicine Rehabilitation Hospital

PEL 21-14 14:30～15:30
Research of humor in elderly people with severe dementia

Rie Udaka1, Shinichi Takabatake2, Tomoko Nishikawa1, Yoshihito Yuri3, Satoe Takashima1
1Rehabilitation Dept., Nursing Home Vingt-cinq, 2Graduate School of Comprehensive Rehabilitation, Osaka prefecture university, 3Rehabilitation Dept, Kansai Medical Technology College

PEL 21-15 10:00～11:00
Association between a cognitive screening test and an operation of wheelchair brakes and footplates

Kenichiro Maki1, Hişako Sugiyama1, Kaori Mihami1, Joji Kato1, Yasuhiro Shimizu1
1Rehabilitation Center, Kizankai Memorial Hospital

PEL 21-16 14:30～15:30
Elderly who maintain their ADL/IADL level at or above their cognitive level also maintain their cognitive level

Shinya Hisano1, Hajime Shimi1
1Graduate School of Health Sciences, Kyushu Nutrition Welfare University, 2Professor Emeritus, Hiroshima University

PEL 21-17 10:00～11:00
The new assessments of comprehending other people's behavioral intentions in Alzheimer's disease

Tomoharu Yamaguchi1, Haruyasu Yamaguchi2
1Department of Rehabilitation, Gunma University of Health and Welfare, 2Graduate School of Health Sciences, Gunma University

PEL 21-18 14:30～15:30
Effects of cooking activity on attention for inpatients with dementia: Analysis using the D-CAT

Chiaki Sakamoto1, Seiji Ishida1, Fumika Oshita1, Miyuko Morikota1, Hideki Tomoyasu1
1Department of Occupational Therapy, Mihara Hospital, 2Department of Occupational Therapy, Prefectural University of Hiroshima, 3Department of Nurse, Mihara Hospital

PEL 21-19 10:00～11:00
Relationship between the wallet-related action of elderly community residents and their cognitive functions

Risa Senba1, Kenji Kamijo1, Toyoko Asami1
1Department of Occupational Therapy, Saga Medical School Hospital Advanced Comprehensive Functional Recovery Center, 2Nishikyushu University Graduate School of Health and Social Welfare

PEL 21-20 10:00～11:00
Relationship between the wallet-related action of elderly community residents and their cognitive functions

Risa Senb1, Kenji Kamijo1, Toyoko Asami1
1Department of Occupational Therapy, Saga Medical School Hospital Advanced Comprehensive Functional Recovery Center, 2Nishikyushu University Graduate School of Health and Social Welfare
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<td>The research about using Everyday Technology of elderly people who live alone</td>
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<td>Yuri Fujii, Yoshimi Yuri, Taro Fujiwara, Mari Oka, Shinichi Takabatake</td>
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<td>Applicability of a cognitive behaviour therapy for patients with cognitive impairment</td>
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<td>Daisuke Sato, Shigeki Uchiyama (Chiba Prefectural University of Health Sciences, Public University Corporation Yokohama City University)</td>
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<td>Effect of Animal-assisted activity for Korea’s elderly with mild cognitive impairment: single subject design</td>
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<td>Sang Woo Han, Sang Yul Choi, Eun Ji Hong, Chi Ho Seong (Occupational Therapy Dept., Seonam University)</td>
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<td>Home Occupational Therapy for a Patient With Lung Cancer (Stage 4): Transition of QOL and Analysis of Factors</td>
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<td>Miyuki Imamichi, Hisao Tomohisa, Kazuo Higaki (Graduate School of Osaka Prefecture University, Osaka Prefecture University)</td>
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<td>A Preventive Care Approach to Increasing High-risk Elderly People’s Engagement in Activities and Participation</td>
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<td>Yuri Fuji, Yoshimi Yuri, Taro Fujiwara, Mari Oka, Shinichi Takabatake (Faculty of Allied Health Sciences, Kansai University of Welfare Sciences, Rehabilitation branch, Semi-tsunumo-dai Home Visit Nursing Care Station, Elderly Care Office, Izumi City, Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University)</td>
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<td>Cognitive test to forecast unsafe driving in older drivers: meta-analysis</td>
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<td>Seong Yul Choi, A-Young Song, Jae-Shin Lee (Dept. of occupational therapy, Konyang University Hospital, Dept. of occupational therapy, Yuseong Wellness Rehabilitation Center, Dept. of occupational therapy, Konyang University)</td>
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<td>The case report that the independence of will improved by finding meaningful occupational by ADOC</td>
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<td>Yuri Kyo (Rehabilitation Dept., IMS Itabashi Rehabilitation Hospital)</td>
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<td>Approach to difficult domestic work for a housewife with SCD</td>
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<td>Ryoko Sato (Aomori Local Vocational Centers for Persons with Disabilities)</td>
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**Abstracts**

PCP-21-8: High satisfaction in elderly in a depopulated area: The survey of Shimane Prefecture

PCP-21-9: Study on the Relationship between Service Satisfaction and Social Support at Day Care Centers for the Elderly

PCP-21-10: Safety at Home for people with dementia disease

PCP-21-11: The local contribution in this institution: Holding of a general public presentation forum

PCP-21-12: What affects technology use over time in older adults with mild cognitive impairment?

PCP-21-13: The role of occupational therapy and current situation of the services covered by long-term care insurance in a densely populated area in Tokyo

PCP-21-14: Occupational needs of the household tasks support in elderly people who are living alone and requiring Long-Term Care: Search from difficulties of household tasks

PCP-21-15: One-year follow-up survey for elderly people needing the care prevention

**Authors**

PCP-21-8: Katsunori Kinoshita, Ken Yamamoto, Hiroko Takemoto

PCP-21-9: Masaki Nishii, Hitomi Sakai, Masaaki Ietaka, Tomoko Mitamura, Kaori Shimizu

PCP-21-10: Linda Sandberg, Lena Borell, Per-Olof Sandman

PCP-21-11: Yasuo Yamamoto

PCP-21-12: Annicka Hedman, Louise Nygard, Ove Almkvist, Anders Kottorp

PCP-21-13: Kohichi Itoh, Yukiko Nishino, Hiromi Sakai, Akiko Abe, Nobuhiro Nara

PCP-21-14: Eisuke Inomata, Norikazu Kobayashi

PCP-21-15: Tomomi Kaitoh, Shigemi Nakamura, Yu Takata, Yoshitugu Nohara, Nobuya Takayanagi

**Institutions**

PCP-21-8: Occupational Dept., Rehabilitation College Shimane, Health&Wellfare Dept., Hamada-city office

PCP-21-9: Kansas University of Welfare Sciences, Kansai Women's College, Daily Life Support Research Laboratory

PCP-21-10: Department of Neurobiology, Care Sciences and Society, Division of Occupational Therapy, Karolinska Institutet

PCP-21-11: Department of Neurobiology, Care Sciences and Society, Division of Occupational Therapy, Karolinska Institutet

PCP-21-12: Department of Neurobiology, Care Sciences and Society, Division of Occupational Therapy, Karolinska Institutet

PCP-21-13: Department of Neurobiology, Care Sciences and Society, Division of Occupational Therapy, Karolinska Institutet

PCP-21-14: Department of Occupational Therapy School of Health Sciences, Tokyo University of Technology

PCP-21-15: Department of Occupational Therapy, AHRU Medical Care and Welfare Professional Training College

**Contact**

For more information, please contact the respective authors or institutions.
June 21 (Sat) Poster Session
June 20 (Fri) June 19 (Thu) June 18 (Wed)

PCP-21-16 14:30~15:30
The living condition of patients living alone in flophouses after being discharged from a rehabilitation hospital: A Questionnaire administered in long-term care support specialists
Hiroaki Hosokawa¹, Shinho Kobayashi¹, Natsuki Inoue¹, Junko Hayashi¹, Kounosuke Tomori²
¹rehabilitation center, saiiseikai kanagawaken hospital, ²kanagawa university of human services

PCP-21-17 10:00~11:00
Role of occupational therapist to employ an elderly stroke patient at a hospital: a pilot study
Kaori Koizumi¹, Masaru Ichikawa¹
¹Rehabilitation Dept., Sagami Rehabilitation Hospital

PCP-21-18 14:30~15:30
THE EFFECTS OF FUNCTIONAL INDEPENDENCE AND ANXIETY LEVEL ON COMMUNITY PARTICIPATION IN PEOPLE WITH SPINAL CORD INJURY
Gokcen Akyurek¹, Gonca Bumin²
¹Department of Physical Therapy, Kastamonu Rehabilitation Center, ²Faculty of Health Sciences, Department of Occupational Therapy, Hacettepe University

PCP-21-19 10:00~11:00
Home Condition and Home Safety Management of Older People in Chiangmai, Thailand
Supawadee Putthinool¹, Chonnikan Mapeng¹, Pakdeekul Ratana¹, Komsak Meksamoot²
¹Occupational Therapy Department, Chiang Mai University, ²College of Arts, Media and Technology, Chiang Mai University

PCP-21-20 14:30~15:30
A case report of the patient with traumatic brain injury that attained an improvement of the execution functional disorder by job-site training patient under the circumstance where he played a social role
Junichi Ikuta¹, Sangsoo Eun²
¹Independence support Dept, Noukyoukyousai Nakaizu Rehabilitation Center, ²Rehabilitation Dept, Noukyoukyousai Nakaizu Rehabilitation Center

PCP-21-21 10:00~11:00
The approach by the occupational therapist affects the psychological condition of the nursing care center residents
Megumi Tsugaru¹, Takashi Ishikawa¹
¹Department of Occupational Therapy, Graduate School of Health Sciences, Akita University

PCP-21-22 14:30~15:30
Relationship between comprehensive QOL score and engaging status in a meaningful occupation in preventive-care project
Junichiro Muranaka¹, Ryutaro Nagatani¹
¹Division of Rehabilitation, Medical Corporation Kenreiakai Fureai Hiritaka Hospital, ²Kanagawa University of Human Services

PCP-21-23 10:00~11:00
Meeting critical incidents in grocery shopping as perceived by people with dementia
Anna Brossón¹, Annika Ohman¹, Malcolm Cutchin², Louise Nygard¹
¹NVS, Division of Occupational Therapy, Karolinska Instituutet, ²Division of Occupational Science, University of North Carolina at Chapel Hill
The present condition and Issues of a local stroke critical pathway
Tadayuki Nozaki1,2, Katsuki Ichimaru1,2, Naoya Yamanouchi1, Shuji Sakata2, Etsuo Horikawa2
1Rehabilitation Centre, Sagaken Medical Centre Koseikan, 2Neurosurgery, Sagaken Medical Centre Koseikan, 3Graduate School of Medicine, Saga University

The situation of community-based occupational therapy for elderly people in Japan
Hirotoishi Kishigami1, Madoka Asahi2
1Faculty of Health Sciences, Hokkaido University, 2School of Rehabilitation Sciences, Health Sciences University of Hokkaido

The thinking process of handicapped elderly persons who negatively view day care services
Madoka Asahi1, Hirotoishi Kishigami2
1School of Rehabilitation Sciences, Health Sciences University of Hokkaido, 2Faculty of Health Sciences, Hokkaido University

The falling in frail older people and relationship to activity and the falling efficacy
Aki Yabumoto1, Emi Ito2
1Department Of Rehabilitation Fujita Health University Nanakuri Sanatorium, 2Nagoya University, Graduate School of Medicine, Department of Physical and Occupational Therapy

Improving organization of occupational therapy for dementia and other memory-related diseases in Kyoto prefecture
Yu-Na Lee1, Ji-Hyuk Park1, Kyung-Min Lim1
1Dept. of Occupational Therapy, Graduate School of Yonsei University, 2Dept. of Occupational Therapy, College of Health Science, Yonsei University

The Effects of Occupational Therapy with Physical Exercise on Demented old adult's Executive Function
Yu-Na Lee1, Ji-Hyuk Park1, Kyung-Min Lim1
1Dept. of Occupational Therapy, Graduate School of Yonsei University, 2Dept. of Occupational Therapy, College of Health Science, Yonsei University

This case study is that a patient embodied the image of his lifestyle after discharge through sharing meaningful occupation with us from the acute stage: “Comeback to a baseball umpire”
Wakana Omiya1, Sakurako Sato1
1Occupational therapy department, General incorporated foundation Ota Sogo hospital University Ota Nisinouchi hospital

京都府における認知症に関連する作業療法士の組織展開
枡山広生, 平山聡, 上田幸雄, 加藤里美, 松本優
1佛教学健康医療技術学部, 2京都都市こころの健康増進セラピーディアケア課, 3京都都市身体障害者リハビリテーションセンター訓練科, 4向日市生協リハビリテーション科, 5自宅
**Mental Health／精神障害**

**PMH 21-1** 10:00〜11:00

The Influence of crystallized intelligence and the fluid intelligence on social skills decline of convalescent patients with schizophrenia

Yoko Satoh1, Miki Takami1, Yoshitsugu Niiyama2
1Division of Rehabilitation, Akita Prefectural Center of Rehabilitation and Psychiatric Medicine, 2School of Health Sciences, Akita University

回復期統合失調症患者の社会生活技能低下への結晶性知能および流動性知能の影響

佐藤洋子1, 高見美貴1, 新山喜嗣2
1地方独立行政法人秋田県立病院機構秋田県立リハビリテーション・精神医療センターリハビリテーション部, 2秋田大学大学院医学系研究科保健学専攻

**PMH 21-2** 14:30〜15:30

Relationship between Social Cognition and Subjective Interpersonal Skills in Patients with Schizophrenia

Tomoyuki Okazaki1, Fumiko Kaneko2, Hitoshi Okamura2
1Rehabilitation section, Kusatsu Hospital, 2Health Sciences Major, Graduate School of Biomedical and Health Sciences, Hiroshima University

統合失調症患者の社会認知機能と主観的対人スキルとの関連について

岡崎智行1, 金子史子2, 岡村仁2
1草津病院リハビリテーション課, 2広島大学大学院医歯薬保健学研究科保健学専攻

**PMH 21-3** 10:00〜11:00

‘Class in which People with Mental Disorders Participate’ : Impact on the Participants and the Effectiveness of the Class

Masako Shira1, Hiroko Hashimoto1, Ichiko Nakanishi1, Shinya Shiozaki1, Akiko Iwata1
1Department of Occupational Therapy, Aino University, 2Hoshino Mental Clinic, 3Non-Profit Organization “Subaru”

当事者参加型授業が当事者に及ぼす影響とその有効性

白井雅子1, 橋本弘子1, 塩崎慎也2
1藍野大学医療保健学部作業療法学科, 2特定非営利活動法人昴

**PMH 21-4** 14:30〜15:30

Influence of being engaged in another task while intruding participants’ personal space on their psychological state and task performance

Shumpei Katsuura1, Takaumi Morimoto2
1Department of Occupational Therapy, Iwamizawa Municipal General Hospital, 2Department of Occupational Therapy, School of Health Sciences, Sapporo Medical University

パーソナルスペース内の他者が“別の作業を行うこと”が作業中の心理状態と作業遂行に及ぼす影響

勝浦駿平1, 森元隆文2
1岩見沢市立総合病院作業療法科, 2札幌医科大学保健医療学部作業療法学科

**PMH 21-5** 10:00〜11:00

The risk of lifestyle-related disease in schizophrenic patients: Relations with social life function and quality of life

Fumiyasu Satoh1, Yoshitsugu Niiyama2
1Rehabilitation Division, San Clinic, 2Akita University school of Health Sciences

統合失調症患者における生活習慣病リスク−社会生活機能とQOLとの関係から

佐藤文泰1, 新山喜嗣2
1サンクリニックデイケア部, 2秋田大学大学院保健学専攻

**PMH 21-7** 10:00〜11:00

How do youngsters from juvenile forensic psychiatry experience the provided activities? : A qualitative study, based on a phenomenological philosophy

Sarah Proost1, Ignaas Devisch2, Dominique Van de Velde2
1mental health, hospital, 2Rehabilitation Sciences and Physiotherapy Ghent, university school of medicine

若者に対して juven lie forensic psychiatry の課題を経験した結果について

Proost サラ1, Devisch イグナス2, Velde ドミニク2
1精神科病院, 2ギントーフェルギエンメンタル・フィジオリソシサービス

**PMH 21-8** 14:30〜15:30

Occupational balance and subjective recognition to environment of the long-term hospitalized persons with schizophrenia

Katsumi Aoyama1, Takashi Yamada2
1Department of Occupational Therapy, Aso Rehabilitation College, 2Graduate School of Rehabilitation, Mejiro University

長期入院の統合失調症者の作業バランスと環境に対する主観的認識の特徴について

青山克実1, 山田孝2
1専門学校麻生リハビリテーション大学校作業療法学科, 2目白大学大学院リハビリテーション学研究科
Early occupational therapy for acute schizophrenia (E-OTAS) for improvement of functional independence
Chito Tanaka, Kayano Yotsumoto, Takeshi Hashimoto
Rehabilitation Sciences Dept., Kobe University Graduate School of Health Sciences

The effect of client-centered occupational therapy on inter-professional collaboration
Mitsuhiko Hamasaki
Hotto Station Poteto

Mental Health Status of Thai Stroke Survivors
Wilaiwan M. Snow, Maethisa Pongsaksri, Pornpen Sirisattayawong, Chatchai Paeng-kumhag
Department of Occupational Therapy, Chiang Mai University, Thailand

Creation of a Behavioral Observation Yardstick for Recovery of Independence for Schizoid Patients in Occupational Therapy
Kengo Ota
Department of Occupational Therapy, Fukuoka Wajiro Rehabilitation College

Utilization of Information-arranging tool in the forensic ward: For planning treatment along the flow of life of the client
Mayumi Okuda, Terumi Hatsutori, Mito Tanaka
Rehabilitation Dept., Okayama psychiatric medical center

Practical Report of Forensic Psychiatric Ward with a High Care Unit for Physical Complication
Hirodai Ishizuka, Mayumi Yamano
Rehabilitation Dept., National Center of Neurology and Psychiatry

Using the Assessment of Motor and Process Skills (AMPS) in a mental health setting: A service user perspective
AlexisTRANAH
Occupational Therapy Service, South London and Maudsley NHS Foundation Trust
**PMW 21-18** 14:30～15:30

**Role of psychiatric occupational therapy as seen from the other professionals**

Junya Ozuki\(^1\), Tomoko Omizu\(^1\), Kazuo Higaki\(^1\), Kiyomi Tateyama\(^2\), Hiroaki Tanaka\(^3\)

\(^1\)Specific medical corporation Mikami Kai General Hospital Higashikori hospital, \(^2\)Osaka Prefecture University Graduate School of Rehabilitation Studies, \(^3\)Osaka Prefecture University Faculty of Rehabilitation

**PMW 21-19** 10:00～11:00

**Horticultural Activity for a Chronic Schizophrenic Patient who has been in Prolonged Hospitalization due to Positive Symptoms: Effectiveness of One-on-One Practice**

Tsuyoshi Minei\(^1\)

\(^1\)Tokyo University of Agriculture

陽性症状が改善せず入院が長期化する統合失調症者についての園芸活動－個別対応の実践とその意義

塚井 輝

東京農業大学

**PMW 21-20** 14:30～15:30

**Case study Using the Kawa River Model as an assessment and intervention planning tool to enhance therapy and communication in a UK mental health setting**

Rebecca Dellow\(^1\), Michael Kenko Iwama\(^2\)

\(^1\)Neurotherapy, The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust, \(^2\)Department of Occupational Therapy, Georgia Regents University

**PMW 21-21** 10:00～11:00

**The study of clarifying the level of burnout among occupational therapists in Kanagawa**

Chizuru Fujikawa\(^1\), Michikazu Ono\(^2\), Hisayoshi Suzuki\(^2\)

\(^1\)Rehabilitation Dept., Midori-no-rehabilitation Hospital, \(^2\)Faculty of Human Sciences, Waseda University, \(^3\)Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences, Showa University

作業療法士のBurnoutの現状－神奈川県の一例

藤川 千鶴, 小野元一, 鈴木久義

みどり野リハビリテーション病院リハビリテーション科, 早稲田大学人間科学学術院, 昭和大学保健医療部作業療法学科

**PMW 21-22** 14:30～15:30

**Practice report of employment support for people with mental disorders provided by the office of transition support for employment (type B) with the cooperation of external organizations**

Fumiko Kaneko\(^1\), Hideaki Hanaoka\(^1\), Yuuka Funaki\(^1\), Rei Hirasawa\(^2\), Hitoshi Okamura\(^3\)

\(^1\)Institute of Biomedical and Health Sciences, Hiroshima University, \(^2\)Department of Rehabilitation, Hiroshima International University, \(^3\)Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences, Showa University

就労継続支援 B 型事業所における外部機関との連携による精神障害者の就労支援の実践

金子安史, 花岡秀美, 平田郁美, 平田 拭, 木村 仁

広島大学大学院医歯薬保健学研究院, 広島国際大学総合リハビリテーション学部

**PMW 21-23** 10:00～11:00

**The discharge readiness program in 2012**

Michiko Sagayama\(^1\)

\(^1\)Rehabilitation Dept., Moriyamasou Hospital

退院準備プログラム 2012 年

佐藤山夏美子

守山病院リハビリテーション科

**PMW 21-24** 10:00～11:00

**June 21 (Sat) Poster Session**

**PMW 21-25** 10:00～11:00

**The Coping Styles of Self-stigma in People with Mental Disorders: A study using the Lazarus Type Stress Coping Inventory**

Kazuaki Yokoyama\(^1\), Kazuki Kaneko\(^2\), Chizuru Fujikawa\(^2\), Hitoshi Okamura\(^3\)

\(^1\)Graduate School of Health Sciences, Sapporo Medical University, \(^2\)Sapporo Kohsetsu Hospital, \(^3\)Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences, Showa University

精神障害者におけるセルフスティグマへの対処様式－ラザルス型ストレスコーピングインベントリ－を用いた検討

横山和樹, 元玉壮志, 森元隆文, 竹田里江, 池田 望

札幌医科大学大学院保健医療学研究科, 医療法人社団五葉会さっぽろ香雪病院, 北海道医療大学リハビリテーション科学研究部作業療法学科, 札幌医科大学保健医療学部作業療法学科
Occupational therapy for the long-term inpatient: The innovated challenge taking in Japanese seasonal activities
Kazuma Konishi, Mariko Yamada
Rehabilitation Dept., Moriyamasou Hospital

Factors Promoting Successful Smoking Cessation: Insights from People with Mental Disorders Who Succeeded in Quitting Smoking
Youhei Komatsu, Youko Sarada, Kenji Kamijo, Hiroshi Aoyama
Nisikyushu University, Fukuoka University

An examination of evaluation items that influence student performance regarding medical trainings in Fukui College of Health Sciences
Kaori Kawabata, Keiji Ishida, Atsushi Hori, Yasutaka Kobayashi
Occupational Therapy, Department of Rehabilitation, Fukui College of Health Sciences, Fukui College of Health Sciences

What should be communicated to students during skill training? A qualitative study on the differences in awareness between students and instructors regarding transfer assistance skills
Katsuhiro Hayashi, Atsushi Kishimura, Ayu Hayashi, Kentarou Motooka
department of occupational therapy, osaka college of medical and welfare

Objective Structured Clinical Examination (OSCE) and the measure lesson having given evaluation training
Tatsuhiro Hayashi, Atsushi Kishimura, Ayu Hayashi, Kentarou Motooka

Try Objective Structured Clinical Examination (OSCE) of into the clinical training facility
Yuko Abe, Naomi Fukaya, Hiroaki Saihara, Yoshiaki Kanada
Health Sciences, Department of Rehabilitation, Fujita Health University, Department of Rehabilitation, Fujita Health University Banbuntane Hotokukai Hospital

Comparison of practice area and research studies discussed in JAOT and AJOT over the past 5 years
Katsuuyki Shibata
School of health sciences, College of medical, Pharmaceutical and Health Sciences, kanazawa University
A case on a difficulty in social participation of disabled people in a developing country where occupational therapy has not been introduced

Yukiko Kawashima

1Rehabilitation department, Mongol National Trauma Orthopedic Research Center

作業療法が導入されていない開発途上国における社会参加の導入に難渋した事例

川島由貴子

2モンゴル国立外傷整形外科センターリハビリテーション科

Constructing an original teacher training program for the Japanese Association of Occupational Therapists

Norio Suzuki, Hirokazu Nishikata, Nobuko Shichiri, Shunji Sawa, Mami Oteki

1Showa University, 2Bunkyo Gakuin University, 3Bukkyo University, 4Fujita Health University, 5Japanese School of Technology for Social Medicine

日本作業療法士協会独自の教員研修プログラムの構築

鈴木憲雄, 西宮憲志, 作業療法士会, 福祉群馬大学, 福祉群馬大学

The characteristics of the constructive task performance of occupational therapy (OT) students: Using the objective indicators of the Make-a-Box Test Battery (MABOT)

Fumito Ito, Takashi Ichinomoto, Maiko Kobayashi, Akira Hayakawa, Noriko Tomioka

1Department of Occupational Therapy, Seiyu Rehabilitation College, 2Nagaoka medical Health Cooperation, 3Emeritus Professor of Shinshu University

作業療法学生の構成的作業遂行の特徴−箱づく指標を用いることへの課題

上杉文都, 一ノ本隆史, 小林真子, 早川昭, 富岡昭子

構築リハビリテーション学院作業療法学科, なかなか医療生活協同組合, 4信州大学名誉教授

Diversity and culture as an integral and explicit part of occupational science and occupational therapy education

Anne Shordike, Amy Marshall

1Occupational Therapy and Occupational Science Department, Eastern Kentucky University

The occupational therapy actual situation in the dementia field in Japan and future problem

Kumiko Murashima, Norio Suzuki, Tsetsuji Nishikata, Makoto Kuratomi

1Measures for the System Department Committee for Insurance Provision, Japanese Association of Occupational Therapists, 2Rehabilitation Department, Medical corporation TOKYOSAKURA hospital, 3Graduate School of Health and Welfare Science, Nishikyushu University

日本の認知症領域における作業療法実態と今後の課題

谷口浩志, 上野健司, 梶原 勝

日本作業療法士協会制度対策委員会 一般社団法人日本作業療法士協会

Teaching occupational therapy in the level 2 fieldwork: comparison between top-down and bottom-up approaches

Atsushi Hirata, Keita Nakahara, Seiichi Kadowaki, Kanta Ohno, Konosuke Tomori

1Nisomiya kyoritsu Rehabilitation Hospital, 2Sagyo no Kaze, Division of Health and Social Work, Kanagawa University of Human Services Graduate School, 3Kanagawa University of Human Services

臨床実務における作業療法プロセスの指導方法−トップダウンとボトムアップの比較

平田 隆志, 中村啓太, 作業療法士, 表彰 大野健, 友利 博之

日本作業療法士協会 一般社団法人日本作業療法士協会

 PED 21-6  14:30～15:30
 A case on a difficulty in social participation of disabled people in a developing country where occupational therapy has not been introduced

Yukiko Kawashima

1Rehabilitation department, Mongol National Trauma Orthopedic Research Center

作業療法が導入されていない開発途上国における社会参加の導入に難渋した事例

川島由貴子

2モンゴル国立外傷整形外科センターリハビリテーション科

 PED 21-7  10:00～11:00
 Constructing an original teacher training program for the Japanese Association of Occupational Therapists

Norio Suzuki, Hirokazu Nishikata, Nobuko Shichiri, Shunji Sawa, Mami Oteki

1Showa University, 2Bunkyo Gakuin University, 3Bukkyo University, 4Fujita Health University, 5Japanese School of Technology for Social Medicine

日本作業療法士協会独自の教員研修プログラムの構築

鈴木憲雄, 西宮憲志, 作業療法士会, 福祉群馬大学, 福祉群馬大学

 PED 21-8  14:30～15:30
 The characteristics of the constructive task performance of occupational therapy (OT) students: Using the objective indicators of the Make-a-Box Test Battery (MABOT)

Fumito Ito, Takashi Ichinomoto, Maiko Kobayashi, Akira Hayakawa, Noriko Tomioka

1Department of Occupational Therapy, Seiyu Rehabilitation College, 2Nagaoka medical Health Cooperation, 3Emeritus Professor of Shinshu University

作業療法学生の構成的作業遂行の特徴−箱づく指標を用いることへの課題

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構築リハビリテーション学院作業療法学科, なかなか医療生活協同組合, 4信州大学名誉教授

 PED 21-9  10:00～11:00
 Diversity and culture as an integral and explicit part of occupational science and occupational therapy education

Anne Shordike, Amy Marshall

1Occupational Therapy and Occupational Science Department, Eastern Kentucky University

 PED 21-10  14:30～15:30
 Verification of the Effectiveness of PR Activity of Gunma Association of Occupational Therapists: Based on the Questionnaire Survey of First Year Students of Occupational Therapist Training School

Shinya Abe, Tomoharu Yamaguchi

1Department of Rehabilitation, Gunma University of Health and Welfare, 2PR Department, Gunma Association of Occupational Therapists

群馬県作業療法士協会広報活動の効果検証−作業療法養成校 1年生に対するアンケート調査より

阿部慎也, 山村隆平

群馬県作業療法士協会制度対策委員会

 PED 21-11  10:00～11:00
 The occupational therapy actual situation in the dementia field in Japan and future problem

Kumiko Murashima, Norio Suzuki, Tsetsuji Nishikata, Makoto Kuratomi

1Measures for the System Department Committee for Insurance Provision, Japanese Association of Occupational Therapists, 2Rehabilitation Department, Medical corporation TOKYOSAKURA hospital, 3Graduate School of Health and Welfare Science, Nishikyushu University

日本の認知症領域における作業療法実態と今後の課題

谷口浩志, 上野健司, 梶原 勝

日本作業療法士協会制度対策委員会 一般社団法人日本作業療法士協会

 PED 21-12  14:30～15:30
 Teaching occupational therapy in the level 2 fieldwork: comparison between top-down and bottom-up approaches

Atsushi Hirata, Keita Nakahara, Seiichi Kadowaki, Kanta Ohno, Konosuke Tomori

1Nisomiya kyoritsu Rehabilitation Hospital, 2Sagyo no Kaze, Division of Health and Social Work, Kanagawa University of Human Services Graduate School, 3Kanagawa University of Human Services

臨床実務における作業療法プロセスの指導方法−トップダウンとボトムアップの比較

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日本作業療法士協会制度対策委員会 一般社団法人日本作業療法士協会, 神奈川県立保健福祉大学大学院保健福祉学研究科, 神奈川県立保健福祉大学
Newly graduated occupational therapists’ perspective about application of occupational therapy in preventive care for elderly

Natsuho Mimori1, Hisayoshi Suzuki2
1Department of Occupational Therapy, School of Nursing and Rehabilitation, International University of Health and Welfare, 2Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences, Showa University

The effectiveness of the program of visiting post-discharge patients using visit rehabilitation

Yoko Kanao1, Tomoyuki Yagoshi1, Kenji Horichi1
Rehabilitation Dept., Higashi Osaka Hospital

Educating Students to Work with Diverse Clients

Pamalyn Kearney1
1Department of Occupational Therapy, Georgia Regents University

Effects of different instruction methods on working memory task performance: A comparison between university students and the elderly

Katsuki Sugihara1, Hiroshi Furukawa2, Mizuho Fujiwara2
1Faculty of Health Sciences, Hiroaki University, 2Faculty of Rehabilitation, Kobe Gakuen University

The effect of training using Wii Fit on visual motor integration

Yukie Goto1, Sonomi Nakajima1, Yasuhiro Sengoku2
1Division of Sensory Integrative Dysfunction, Sapporo Medical University, Graduate School of Health Sciences, 2Department of Occupational Therapy, School of Sciences, Sapporo Medical University

Relationships between abnormalities of corpus callosum and core features and motor deficits in children with autistic spectrum disorders: Tractography study using diffusion tensor imaging

Ryuzo Hanaie1,2, Ikuko Mohri1, Kuriko Shimo1, Masaya Tachibana1, Masako Tanike1
1United Graduate School of Child Development, Osaka University Graduate School of Medicine, 2Yao City Center for Support of Child Development

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1Division of Sensory Integrative Dysfunction, Sapporo Medical University, Graduate School of Health Sciences, 2Department of Occupational Therapy, School of Sciences, Sapporo Medical University

Relationships between abnormalities of corpus callosum and core features and motor deficits in children with autistic spectrum disorders: Tractography study using diffusion tensor imaging

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1United Graduate School of Child Development, Osaka University Graduate School of Medicine, 2Yao City Center for Support of Child Development
PRE 21-5 10:00～11:00
Severity and Motor Function before Deep Brain Stimulation Adjustment is related to Motor Improvement
Akari Sato1, Yoshitaka Itakura2, Hiroto Takeuchi2, Junka Matsumaru2
1Department of Rehabilitation, Kitasato University East Hospital, 2Department of Rehabilitation, Kitasato University Hospital

PRE 21-6 14:30～15:30
The Stress Assessments of The New Members’ Training Program for Kagoshima University Hospital: The Japanese Edition of the Effort-Reward Imbalance Model Questionnaire and the Brief Job Stress Questionnaire
Yuka Kawakoto1, Shintaro Akihiko1, Keisuke Natsume1, Kenichi Ishibashiri1, Satoru Ikeda1
1Rehabilitation Dept., Kagoshima University Medical and Dental Hospital

PRE 21-7 10:00～11:00
Effects of Early Intervention on Mental and Movement-related Functions in Children Born Preterm and Low Birth Weight: A Meta-Analytic Review of Research Literature
Hae Yean Park1, Kinsuk Maity3
1Occupational Therapy Department, Florida International University

PRE 21-8 14:30～15:30
Occupational therapy interventions in chronic pain - a systematic review
Malin Hesselstrand1, Gunilla Liedberg2
1Pain and Rehabilitation Centre, University Hospital, 2Department of Social and Welfare Studies, Linkoping University

PRE 21-9 10:00～11:00
The clinical utility of Quality of Upper Extremity Skills Test for children with cerebral palsy
Megan Thorley1, Natalia Lannin1, Anne Cusick1, Iona Novak2, Roslyn Boyd2
1Department of Pediatric Rehabilitation, Queensland Cerebral Palsy Health Service, RCH, Brisbane, Australia, 2Queensland Cerebral Palsy and Rehabilitation Research Centre, University of Queensland, 3School of Health Sciences, University of Wollongong, 4Occupational Therapy Service, The Alfred Hospital, 5Research Institute, Cerebral Palsy Alliance

PRE 21-10 14:30～15:30
Why Evidence-Based Practice (EBP)? A cognitive approach to the diffusion of EBP in nursing, occupational therapy and physical therapy in Switzerland
Nicolas Kuhne1
1Department of Occupational Therapy, University of Applied Sciences Western Switzerland

PRE 21-11 10:00～11:00
The study comparing the change of the stress indicator in human body during the work accomplishment and the before and after rest in the “Uchida-Kraepelin psycho-diagnostic test” and a “drawing for coloring”, which are different in degree concentrating one’s attention
Toyoko Nozaki1
1Department of Occupational Therapy, School of Nursing and Rehabilitation Sciences, Showa University

PRE 21-12 14:30～15:30
Association between Oxygenated Hemoglobin Levels and TMT Results: An Analysis Using Rock-paper-scissors Pairing Tasks
Chizuko Kawabe1, Yohei Ishii2, Ryo Fujiki2,3, Yoshihisa Shoji1, Kiichiro Morita2,3
1Occupational Therapy, Technical School Medical and Welfare Ryokuseikan, 2Cognitive and Molecular Research Institute of Brain Diseases, Kurume University School, 3Neuropsychiatry, Kurume University School of Medicine

PRE 21-13 10:00～11:00
Execution of Program for Promoting Self-Awareness of Persons with Higher Brain Dysfunction
Sayori Fujita1, Ken Tachiki2, Tatsuya Suzuki1, Ryouko Tachiki2, Yumiko Sano2
1Department of Occupational Therapy, School of Rehabilitation Sciences, Seiichi Christopher University, 2work support center ookinaki

PRE 21-14 10:00～11:00
Execution of Program for Promoting Self-Awareness of Persons with Higher Brain Dysfunction
Takashi Fujita1, Ken Tachiki2, Tatsuya Suzuki1, Ryouko Tachiki2, Yumiko Sano2
1Department of Occupational Therapy, School of Rehabilitation Sciences, Seiichi Christopher University, 2work support center ookinaki
PRE 21-14 14:30～15:30

Fall after movement in the sitting position
Takayuki Watabe 1, Hiroshi Shoji 1, Rikitaro Sako 1
Rehabilitation Dept., Showa University Fujigaoka Rehabilitation Hospital

PRE 21-15 10:00～11:00

An Exploratory Study of Occupational Therapy for Acute Stroke Patients with Impaired Consciousness
Kazuyo Oyoi 1, Yasuhiro Higashi 1, 2, Tomoko Nishikawa 1, Shinichi Takabatake 1, Hideki Miyaguchi 4
1School of Comprehensive Rehabilitation, Osaka Prefecture University, 2Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, 3Department of Rehabilitation Medicine, Higashiosaka Hospital, 4Graduate School of Biomedical and Health Sciences, Hiroshima University

PRE 21-16 14:30～15:30

Cognitive assessment of visuospatial function in the community-dwelling elderly
Kazuhiko Sato 1, Yuko Hayashi 1, Terumi Kijima 2
1Public Health Center, Eniwa City Hall, 2Faculty of Health Sciences, Hokkaido University, 3Dept. of Nursing School of Health Sciences, Sapporo Medical University

PRE 21-17 10:00～11:00

The influence of difference in visual information on motor imagery: Examination using the motor evoked potential by transcranial magnetic stimulation
Miho Hiramoto 1, Masashi Kohno 1, Masatoshi Minakuchi 1, Yoshihiro Yukawa 1, Takanori Tominaga 1
Rehabilitation Dept., Suisyou-kai Murata Hospital

PRE 21-18 14:30～15:30

Qualitative study on the significance of occupational activities in palliative care recognized by occupational therapists
Nobuyuki Takanashi 1
1Department of rehabilitation, Kojin Hospital by Keiaikai

PRE 21-19 10:00～11:00

Knowledge of results on motor learning in the shoulder joint flexion task: Effect of reducing KR
Eri Okada 1, Yoichiro Aoyagi 2, Hitoshi Ohnishi 3, Nozomi Hokimoto 4, Naomi Fukaya 1
1Department of Rehabilitation, Fujita Health University Banbuntane Hotokukai Hospital, 2Department of Rehabilitation Medicine, School of Medicine, Fujita Health University, 3Department of Rehabilitation, Fujita Health University Nanakuri Sanatorium, 4Faculty of Rehabilitation, School of Health Sciences, Fujita Health University

PRE 21-20 14:30～15:30

The effect that the presence or absence of vibration induced illusory movements in the motor imagery gives to the corticospinal excitability: Examination using the motor evoked potential by the transcranial magnetic stimulation
Yoshihiro Yukawa 1, Kenji Oue 1, Miho Hiramoto 1, Masashi Kohno 1, Takanori Tominaga 1
1Rehabilitation Dept., Suisyou-kai Murata Hospital
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| 10:00-11:00  | PRE 21-21 A way to facilitate the readiness for healthcare professionals to support technology use in everyday life for persons with dementia | Camilla Malinowsky\(^1\), Lena Rosenberg\(^1\), Louise Nygard\(^1\)  
\(^1\)Division of Occupational Therapy, Karolinska Institutet |
| 14:30-15:30  | PRE 22-22 The intervention study about the relation between the quality of subjective sleep, and how to pass after supper | Shiho Ishihara\(^1\), Emi Miki\(^2\)  
\(^1\)Faculty of Medicine, Hiroshima University,  
\(^2\)Graduate School of Biomedical and Health Sciences, Hiroshima University |
| 10:00-11:00  | PRE 21-23 The effect of Cognitive Occupational Training on boys with Developmental Coordination Disorder in a correctional facility | Hideki Miyaguchi\(^1\), Chinami Ishizuki\(^1\), Aya Yoshida\(^1\), Hiroaki Tanaka\(^1\), Koushi Miyaguchi\(^1\)  
\(^1\)hiroshima university,  
\(^1\)osaka health science university,  
\(^1\)osaka prefecture university,  
\(^1\)miyagawa correctional facility |
| 14:30-15:30  | PRE 21-24 COMPARISON OF EFFECTIVENESS BETWEEN DIFFERENT PHYSICAL AGENT MODALITIES ON TENDO ACHILLES IN CEREBRAL PALSY | Syed Ibne Hasan\(^1\), Sara Sheikh\(^1\), Faizan Khanzada\(^1\), Gori Sabbandas\(^1\), Shankar Ahuja\(^1\)  
\(^1\)Department/School of Occupational Therapy, Dow University of Health Sciences |
| 14:30-15:30  | PRE 21-26 Evaluating clinical utility of the Personal Care Participation Assessment and Resource Tool (PC-PART) in a rehabilitation setting using mixed methods | Susan Darnior\(^1\)\(^2\), Christine Imm\(^1\)\(^2\), Marilyn Di Stefano\(^1\), Camilla Radia-George\(^1\)  
\(^1\)Australian Catholic University, Australia,  
\(^1\)La Trobe University, Australia,  
\(^1\)Eastern Health, Victoria, Australia |
| 14:30-15:30  | PRE 21-30 Participation Assessment with Recombined Tools (PART-OS) used after TBI: Transcultural Adaptation and Validation in the Argentinean Population | Myriam Scaffa\(^1\), Andrea Iriarte\(^1\), Magali Oppenheimer\(^1\), Fernanda Sufician\(^1\), Andrea Cauda\(^1\)  
\(^1\)Neurorehabilitation Dept., Ineba |
| 10:00-11:00  | PRE 21-31 Hippotherapy and Special Olympic Athletes: A Mixed Methods Study | Katie Bourke\(^1\), Robin Duncan\(^1\), Meredith Fathauer\(^1\), Leah Spoelman\(^1\), Lauren Walker\(^1\)  
\(^1\)Division of Occupational Therapy, Shenandoah University |
| 10:00-11:00  | PRE 21-33 Referral Reasons for Sensory Integration in Korea | Meesun Kim\(^2\), Eununs Kang\(^1\), Saerom Park\(^1\)  
\(^1\)SISO Sensory Integration toward Social & Occupational Being |
| 10:00-11:00  | PRE 21-35 Three-dimensional motion analysis of the opposite shoulder girdle during reaching: a pilot study | Takuma Umemori\(^1\), Ryo Okuma\(^1\), Yasuhide Nakayama\(^1\), Hiroaki Yoshida\(^1\), Shu Watanabe\(^2\)  
\(^1\)Department of Rehabilitation Medicine, Jikei-Daisan Hospital, Tokyo, Japan,  
\(^1\)Department of Rehabilitation, Jikei University School of Medicine, Tokyo, Japan |

**Presentation Details:**

- **June 21 (Sat)** Poster Session
- **June 20 (Fri)**
- **June 19 (Thu)**
- **June 18 (Wed)**
The relation between performance abilities and age, and body restrictions
Tatsuya Kaneno1, Yuka Sampel1, Sawako Saito2
1Rehabilitation Dept., Ibaraki Prefectural University of Health Sciences Hospital, 2Occupational Therapy Department, Ibaraki Prefectural University of Health Sciences, 3Graduate School of Health Sciences, Ibaraki Prefectural University of Health Sciences, 4Graduate School of Health Sciences, Former affiliation; Ibaraki Prefectural University of Health Sciences

PRE 21-37  10:00～11:00
Searching for Clues to Find Any Visual Responses from Three Patients with Severe Motor and Intellectual Disabilities
Hiromi Morita1, Chinami Ishizuki2, Noriko Kamakura3,4
1The School of Nursing and Rehabilitation Sciences at Odawara, International University of Health and Welfare, 2The Graduate School of Health Sciences, Hiroshima University, 3Professor Emeritus at Hiroshima University, 4Professor Emeritus at International University of Health and Welfare

Analysis of Case Reports in Japanese Association of Occupational Therapists Database
Takashi Tamura1, Yoshiki Tamamura2, Yasuo Naito1,4, Atsuko Tanimura1,3, Norikazu Kobayashi1,5
1Department of Science, Japanese Association of Occupational Therapists, 2Akita Rosai Hospital, 3Shijonawate Gakuen University, 4Osaka Prefecture University Graduate School, 5Tokyo Metropolitan University

PRE 21-39  10:00～11:00
A new cognitive function test for severe dementia : development of Cognitive Test for Severe Dementia
Hiroyuki Tanaka1,2, Masayasu Uematsu1, Keita Fujikura2, Takashi Nishikawa2
1Rehabilitation Dept., Healthcare corporation Seifuen Imai Hospital, 2Osaka Prefecture University Graduate School of Comprehensive Rehabilitation, 3Healthcare corporation Mikiwakai Orange Hospital

PRE 21-40  14:30～15:30
The effect of pedaling exercise on emotion, electroencephalogram and the serotoninergic system
Satoko Ohmatsu1, Takanori Tominaga1, Masashi Kohno1, Shu Morioaka2
1Rehabilitation Dept., Suisyou-kai Murata Hospital, 2Graduate course of Health science, Kio University

PRE 21-41  10:00～11:00
Addressing an Ethical Challenge : Managing Consent in Dementia Research
Alison Douglas1, Lori Letts2, Kevin Eva3, Julie Richardson1
1Senior’s Mental Health, St Joseph’s Healthcare, 2Rehabilitation Science, McMaster University, 3Centre for Health Education Scholarship, University of British Columbia

PRE 21-42  14:30～15:30
Examining Internal Validity of the Model of Human Occupation Screening Tool Japanese version for mental recuperation ward patients with dementia Using Rasch analysis
Yoshikazu Ishi1, Naoko Fujita1, Nachiko Ishi1
1Division of Community-Based Occupational Therapy, Master and Doctor Program in Occupational Therapy, Graduate School of Human Health Sciences, Tokyo Metropolitan University, 2Rehabilitation Dept., Akita Prefectural Center for Rehabilitation and Psychiatric Medicine, 3Graduate School of Health Sciences, AKITA UNIVERSITY

精神療養病棟の認知症患者における「人間作業モデルスクリーニングツール」の内部妥当性・ラッシャ分析による検討
石井久之, 藤田幸子, 石井奈緒子
首都大学東京大学人間関連科学科作業療法科学部, 秋田県立リハビリテーション・精神医療センターリハビリテーション部, 秋田大学大学院医学系研究科保健学専攻
PRE 21-43 10:00～11:00
Development of Body Schema in Children with Autistic Spectrum Disorders: Examination by Mental Rotation Tasks
Katsuko Hida1,3, Kaoru Sekiyama2
1School of Health Sciences, Fukukawa, International University of Health and Welfare, 2Faculty of Letters, Kumamoto University, 3Graduate School of Social and Cultural Sciences, Kumamoto University

PRE 21-44 14:30～15:30
How do children’s participation measures assess participation? : A content review of existing measures
Chi-Wen Chien1, Sylvia Rodger1, Jodie Copley1, Kelly Skorka1
1Occupational Therapy Division, School of Health and Rehabilitation Sciences, The University of Queensland

PRE 21-45 10:00～11:00
Association between driving simulation tasks and frontal lobe activity: towards the development of a therapeutic driver rehabilitation program
Yasuhiro Sawada1,2, Rumi Tanemura1, Masako Fujii1,2, Kazuaki Goshi1
1Graduate School of Health Sciences, Kobe University, 2College of Life and Health Sciences, Chubu University,
3Rehabilitation Dept., Ibara city hospital, 4Faculty of Information Science, Kyusyu Sangyo University

PRE 21-46 14:30～15:30
The quality of ADL task performance based on self-report and observation in people living at home with cancer
Eva Ejlersen Wahren1,2, Karen la Cour1, Aase Brandt1
1Institute of Public Health, Research Initiative for Activity Studies, University of Southern Denmark, 2Department of Rheumatology, The Parker Institute, Copenhagen University Hospital Frederiksberg, Denmark

PRE 21-47 10:00～11:00
Effectiveness of the mobile healthcare applications on health promotion in community-based frail elders
Shih-Min Huang1, Chia-Hui Hung2, Ping-Chia Li3, Li-Ching Chang1, Shih-Chen Fan1
1Department of Rehabilitation, Sijhih Cathay General Hospital, 2Graduate Institute of Science Education, National Taiwan Normal University, 3Department of Occupational Therapy, I-Shou University

PRE 21-48 14:30～15:30
Contribution between visual axis and upper extremity motion time during eating in the healthy subjects
Shunji Sasaki1,2, Yumi Suzuki1, Mitsuhiro Nito1,2, Hiromi Fujii1,2
1Division of Rehabilitation, Medical Corporation Jinsenkai Kawasaki Hospital, 2Division of Rehabilitation, Okitama Public General Hospital, 3Graduate School of Medical Science, Yamagata University, 4Graduate School of Health Sciences, Yamagata Prefectural University of Health Sciences, 5Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences

PRE 21-49 10:00～11:00
Designing trials of complex occupational therapy with the involvement of patients and clinicians
Jo Adams1,2, Kelly Hislop1, Alison Hammond1, Krysia Dziedzic1, Sofia Barbosa Boucas1
1Faculty of Health Sciences, University of Southampton, 2Primary Care Sciences, University of Keele, 3Faculty of Health Sciences, University of Salford

PRE 21-50 14:30～15:30
Communication-assisted technology using a P300-based Brain-Computer Interface (BCI) by bone-conduction auditory stimulation
Makoto Chihima1, Takayoshi Yamaga2, Satoshi Sakurai1, Atsushi Nara1, Kazunori Itoh1
1School of Health Sciences, Shinshu University, 2Central Rehabilitation Service, University of Shinshu Hospital, 3Central Rehabilitation Service, Matsumoto Medical Center, 4Central Rehabilitation Service, University of Tokyo Hospital, 5Faculty of Engineering, Shinshu University

PRE 21-51 10:30～11:30
Communication-assisted technology using a P300-based Brain-Computer Interface (BCI) by bone-conduction auditory stimulation
Makoto Chihima1, Takayoshi Yamaga2, Satoshi Sakurai1, Atsushi Nara1, Kazunori Itoh1
1School of Health Sciences, Shinshu University, 2Central Rehabilitation Service, University of Shinshu Hospital, 3Central Rehabilitation Service, Matsumoto Medical Center, 4Central Rehabilitation Service, University of Tokyo Hospital, 5Faculty of Engineering, Shinshu University

PRE 21-52 11:00～12:00
Communication-assisted technology using a P300-based Brain-Computer Interface (BCI) by bone-conduction auditory stimulation
Makoto Chihima1, Takayoshi Yamaga2, Satoshi Sakurai1, Atsushi Nara1, Kazunori Itoh1
1School of Health Sciences, Shinshu University, 2Central Rehabilitation Service, University of Shinshu Hospital, 3Central Rehabilitation Service, Matsumoto Medical Center, 4Central Rehabilitation Service, University of Tokyo Hospital, 5Faculty of Engineering, Shinshu University
Comparison of the body’s estimation between healthy adults, healthy elderly adults and adults with disability: Using reaching movement in standing

Koji Matsumura1, Yuji Toaka1, Satoshi Tano2, Katsuki Takaoaka1, Haruo Ugisu1
1Rehabilitation dept, hashimoto hospital, 2Department of Physical Therapy Faculty of Health and Welfare, Tokushima Bunri University

Empirical basis of the Interest Checklist categories

Hiroshi Ikeda1, Natsuki Ohtomo1, Miyu Sakayachi1
1Department of Occupational Therapy, Hokkaido Bunkyo University Faculty of Human Sciences, 2Ujioubaku Hospital

A quantitative method for assessing the legibility of Japanese handwritten sentences

Chisa Ikeda1, Sonomi Nakajima1, Yuji Nakamura1, Toshiro Ohyanagi1, Yasuhito Sengoku1
1Graduate School of Health Sciences, Sapporo Medical University, 2Department of Rehabilitation Medicine, Sasson-Sugata Clinic, 3School of Health Sciences, Department of Occupational Therapy, Sapporo Medical University, 4Center for Medical Education, Department of Liberal Arts and Sciences, Sapporo Medical University

Driving characteristics of people with brain disorders who underwent on-road evaluations

Shusaku Kishimoto1, Takashi Kato1, Takashi Suetsuna1, Masayo Alhara1, Akinori Oishi1
1Rehabilitation Dept., Inobe Hospital General Rehabilitation Center, 2Graduate School of Oita University of Nursing and Health Science

Examination of the reaction of calling to a bedridden elderly person using NIRS

Kanako Terasaki1, Kenji Kamij01
1Kouradai Rehabilitation Hospital, 2Graduate School of Health and Welfare Science, Nishikyushu University

The Progressive Goal Attainment Program (PGAPR): A Natural Fit in the OT Toolbox

Jeffrey David Boniface1, Giovanna Boniface1
1Boniface Consulting OT Services
The vocational aptitude using the General Aptitude Test Battery in traumatic brain injury with high brain dysfunction
Hironori Miyata1, Takashi Matsuo1, Tatsuhiko Fukahori2, Kanako Terasaki1, Takayuki Tabira1
1Kouraidai Rehabilitation Hospital, 2Rehabilitation Dep., Siroishi Kyoitsu Hospital, 3Graduate school of Health and Welfare, Nishikyushu University

Reliability of occupational therapy using the Figure-of-Eight technique of measuring hand volume
Nadar Mohammed SH1, Dua’a Al-Kandari2, Maqdad Taagi1
1Occupational Therapy Department, Faculty of Allied Health Sciences - Kuwait University, 2Occupational Therapy Department, Ministry of Health, 3Physical Therapy Department, Faculty of Allied Health Sciences - Kuwait University

Young adults with Developmental Coordination Disorder (DCD): A functional profile
Miri Tal-Saban1, Asher Ornoy1, Shula Parush1
1School of Occupational Therapy, Hebrew University Hadassah Medical School, Jerusalem, Israel. 2Medical School, Hebrew University Hadassah, Jerusalem, Israel. 3Occupational Therapy Department, Faculty of Health, Jerusalem, Israel

Children’s experience of receiving school-based occupational therapy
Nadine Miligat1, Michael Curtin1, Christina Davidson2
1School of Community Health, Charles Sturt University, 2School of Education, Charles Sturt University

Levels of evidence for occupational therapy intervention for cancer patients in Japan: A literature review
Yoshinori Harada1, Hiroyuki Notoh1, Masataka Shikata1
1Dept. of Rehabilitation, Shiga University of Medical Science Hospital, 2Faculty of Health Sciences, Tokoha University, 3Day Service Center Miyakoda, Social Welfare Corporation Koyukai

Hand Assessment for Infants (HAI) for quantifying hand function and asymmetry in infants 3-10 months
Lena Krumlinde Sundholm1, Linda Ek1, Lena Sjostrand1, Elisa Sicola1, Ann-Christin Eliasson1
1Department of Women’s and Children’s Health, Karolinska Institutet, 2Department of Developmental Neuroscience, Stella Maris, Pisa University

Use of the functional electrical stimulation device NESS H200R to improve upper limb function in subacute phase stroke patients
Miho Shinohara1, Sayuri Sugami1, Miki Onogi1, Koji Sato1, Toshio Mori2
1Department of Rehabilitation, Yufuin Koseinenkin Hospital, 2Yufuin Koseinenkin Hospital

Environmental adjustments for students with disabilities: focus on new technology in high school
Helene Lidstrom1,2, Elin Ekbladh1
1Department of Social and Welfare Studies, Faculty of Health Sciences, Linkoping University, Sweden, 2Department of Women’s and Children’s Health, Faculty of Medicine, Uppsala University, Sweden

A study of a measuring method using a seating posture measuring instrument
Takashi Kinose1, Takaumi Izutsu1, Hoshi Koga1, Takashi Handa1
1NPO Japanese Society of Seating Consultants, 2Takenotuka Noushinnkei Rehabilitaion Hospital, 3Special Nursing Home Asakusa, 4Saitama Industrial Technology Center

座席姿勢計測器による計測方法の検討
木之瀬 隆1, 井筒隆文2, 古賀 洋3, 半田隆志4
1NPO 日本シーティング・コンサルタント協会, 2竹の碑脳神経リハビリテーション病院, 3特別養護老人ホーム浅草, 4埼玉産業技術総合センター
Application of Clinical Reasoning concept in Occupational Therapy: A cross-cultural study of literature from 2006 to 2012
Sho Maruyama1,2, Ryutaro Nagatani2
1Sawakyoiru Hospital,  2Kanagawa University of Human Services

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PRE 21-69 10:00～11:00
Application of Clinical Reasoning concept in Occupational Therapy: A cross-cultural study of literature from 2006 to 2012
Sho Maruyama1,2, Ryutaro Nagatani2
1Sawakyoiru Hospital,  2Kanagawa University of Human Services

Neural mechanism of eating action: Clinical application for severe dementia
Kaori Yamaguchi1, Kimihiro Nakamura2, Go Igashira3, Masahiro Tanaka2, Yasoichi Nakajima1
1Research Institute, National Rehabilitation Center for Persons with Disabilities,  2Human Brain Research Center, Kyoto University
Graduate School of Medicine,  3Physical and Occupational Therapy, Nagoya University Graduate School of Medicine

食事動作に関する神経機序とリハビリテーションへの応用−重度認知症の食事困難に対して
山口佳小里1, 中村仁洋2, 五十嵐 剛1, 田中哲裕1, 中島八十1

国立障害者リハビリテーションセンター研究所, 1京都大学大学院医学系研究科脳機能総合研究センター, 2名古屋大学医学系研究科リハビリテーション療法学専攻

PRE 21-70 14:30～15:30
Neural mechanism of eating action: Clinical application for severe dementia
Kaori Yamaguchi1, Kimihiro Nakamura2, Go Igashira3, Masahiro Tanaka2, Yasoichi Nakajima1
1Research Institute, National Rehabilitation Center for Persons with Disabilities,  2Human Brain Research Center, Kyoto University
Graduate School of Medicine,  3Physical and Occupational Therapy, Nagoya University Graduate School of Medicine

食事動作に関する神経機序とリハビリテーションへの応用−重度認知症の食事困難に対して
山口佳小里1, 中村仁洋2, 五十嵐 剛1, 田中哲裕1, 中島八十1

国立障害者リハビリテーションセンター研究所, 1京都大学大学院医学系研究科脳機能総合研究センター, 2名古屋大学医学系研究科リハビリテーション療法学専攻

PRE 21-72 14:30～15:30
Change in the subjective satisfaction levels of the collective Occupational Therapy in the recovery phase rehabilitation: using the evaluation perspective modified ARS
Manami Tanaka1,2, Atsushi Hirata1, Shiori Minami1,2, Minami Kuniyoshi1,2, Syunj Shimagaki1,2
1Division of OT, Department of Rehabilitation, Nishinomiya Kyoritu Rehabilitation Hospital,  2Sagyo no Kaze,  3Department of Rehabilitation, Yamaha Neurosurgical Hospital

回復期病棟の集団作業療法における主観的満足度の変化−ARの変換視点を用いて
田中英里1,2, 平田英志1,2, 南 詩織1,2, 田名実1,2, 尾崎俊二1,2

西宮協立リハビリテーション病院リハビリテーション部 作業療法科, 1作業療法, 2矢木脳神経院リハビリテーション科

PRE 21-73 10:00～11:00
The reason why stroke survivors tend to continue the rehabilitation with the health insurance for a long period: From the survey about OT clients of a rehabilitation hospital in Tokyo
Eriko Suzuki1, Norikazu Kobayashi2
1Doctoral course Student at Tokyo Metropolitan University Graduate School of Human Health Science,  2Tokyo Metropolitan University Graduate School of Human Health Science

脳血管障害者が外来リハビリテーションに通い続ける理由−都内リハビリテーション病院の外来作業療法利用者を対象として
鈴木絵里子1, 小林法一2

首都大学東京大学人間健康科学研究科 博士後期課程, 1首都大学東京大学人間健康科学研究科

PRE 21-74 14:30～15:30
Relationship change of temporal sitting posture and muscle fatigue
Noriko Sawada1, Tatsuo Hatta2, Hiroshi Kishigami2
1Graduate School of Health Sciences, Hokkaido University,  2Department of Functioning and Disability, Faculty of Health Sciences, Hokkaido University

瞬時の臥位姿勢変化と筋疲労の関連性
渡辺乃風1, 八田直之2, 岐里佳2

北海道大学大学院保健科学院, 1北海道大学大学院保健科学院, 2北海道大学大学院保健科学研究科 生活機能学分野

PRE 21-75 10:00～11:00
Effect of vibration stimulus to the soles of children with Pervasive Developmental Disabilities
Yusuke Watanabe1, Taro Ohtoshi2, Satoshi Takada2
1Department of Community Health Sciences, Kobe University Graduate School of Health Sciences,  2Department of Rehabilitation Sciences, Kansai University of Welfare Sciences

応答性発達障害児に対する足底振動刺激の介入効果
渡邊雄介, 大澤あさひ, 前田 重

播磨大学大学院保健学研究科体育学専攻地域保健学領域, 1関西福祉科学大学保健医療学部リハビリテーション学科作業療法学専攻

PRE 21-77 10:00～11:00
Digital literacy in the occupational therapy profession : Examining our status and exploring our future
Anita Hamilton1,2, Annemieke Craig2, Jo Coldwell-Neillson2
1Occupational Therapy, University of the Sunshine Coast,  2School of Information Technology, Deakin University

Digital literacy in the occupational therapy profession : Examining our status and exploring our future
Anita Hamilton1,2, Annemieke Craig2, Jo Coldwell-Neillson2
1Occupational Therapy, University of the Sunshine Coast,  2School of Information Technology, Deakin University

PRE 21-79 10:00～11:00
Impact of the Introduction of an Occupation-focused Theory on the Clinical Reasoning in Therapists Working with Clients in the Cancer Population
Patricia Bowyer1, Lauro Munoz2, Haydee Montemayor1, Jackson Parker1, Meagan Wilsniewski1
1School of Occupational Therapy, Texas Woman's University-Houston,  2Rehabilitation Services, MD Anderson Cancer Center
Clinical assessment of cancer-related fatigue: current practice vs. clinical guidelines
Elizabeth Pearson¹, Carol McKinstry¹, Marilyn Di Stefano¹
¹Occupational Therapy Department/Faculty of Health Sciences, La Trobe University

Validating a parent and teacher assessment of activities of daily living in children requiring occupational therapy: The ACHIEVE assessment
Duncan Pentland¹, Christine Owen², Jacqueline Whitehead¹, Kirsty Forsyth¹
¹Firefly Research, Queen University Edinburgh, ²West Lothian Children’s Occupational Therapy Service St John’s Hospital, NHS Lothian

A Systematic Realist Review of Factors Influencing Return to Work
Ev Innes¹
¹School of Health and Human Science, Southern Cross University

An Effectiveness of Verbal Supports for Clients' Motivation
Kenta Nomura¹, Yuji Hiroe¹, Megumi Shiraiishi¹, Mayuko Yako², Yuko Kobayashi³
¹GAIA home-visit nursing and rehabilitation station, ²IMAS Itabashi chuoh medical center, ³Jiseikai Tokumaru Rehabilitation Hospital, ²Medical corporation kokoron kizuna HASSUDA YOTUBA hospital

The Effect of Cognitive Skill Training on ADLs, IADLs, Mental Functions, and Values, Beliefs and Spirituality for Traumatic Brain Injury: A Meta Analysis of Randomized Controlled Trials: Cognitive Skill Training in TBI
Kinsuk Maitra¹, Kristina Martinez¹, Ev Innes¹, ²Occupational Therapy Department, Florida International University, Miami, FL, USA, ³Defense and Veterans Brain Injury Center, James A. Haley Veterans Hospital, Tampa, FL, USA

An OT Cognitive Behavioural Therapy Program for Bariatric Surgery Patients
Karen Barclay¹, Susan Forwell¹
¹Occupational Science and Occupational Therapy, University of British Columbia

Study on the characteristics of the change of the body functions among different aged groups caused by mental work
Shinichi Aoyama¹, Tsuneji Murakami¹, Asako Matabara¹, Hiroshi Kurumadani¹
¹Hirosima City General Rehabilitation Center, ²Institute of Health Sciences, Faculty of Medicine, Hiroshima University

Relationship between Diffusion Tensor Image (DTI) and long-term outcome in patients after cerebral infarction received Constraint-induced Movement therapy
Takashi Takebayashi¹, Keisuke Hanada¹, Satoru Amano¹, Kohei Marumoto², Kazuhisa Domen³
¹Department of Rehabilitation, The Hospital of Hyogo College of Medicine, ²Department of Rehabilitation Medicine, Hyogo College of Medicine

The Relationship between Risk of Falls and the performance of Cognitive Function test on The Right Brain-damaged Patients
Atsuko Ishida¹, Yoko Yokoyama¹, Kazuo Saitho¹, Hiroaki Takahashi¹, Yoshiko Futaki¹
¹Graduate School of Medicine, ²Midorigaoka Hospital, ³Fuchinobe General Hospital

PRE 21-84  14:30~15:30
The Relationship between Diffusion Tensor Image (DTI) and CI 療法後の長期成績の関係
竹林 基, 野田回志, 天野 花, 丸本治平, 速免和久
¹兵庫医科大学病院リハビリテーション部, ²兵庫医科大学リハビリテーション部

PRE 21-86  14:30~15:30
June 21 (Sat) Poster Session
<table>
<thead>
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<th>Session</th>
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<th>Authors</th>
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| PRE 21-89 | 10:00~11:00 | Imaged Timed Up Go Test as a tool to assess fall risk for healthy elderly: Association with body and cognitive functions | Mutsuhide Tanaka¹, Takeshi Yoshida¹, Yasuho Fukumoto¹  
¹Department of Occupational Therapy, School of Health Sciences, Kyushu University of Health and Welfare |
| PRE 21-90 | 14:30~15:30 | Three-dimensional analysis of the arm trajectory during reaching performance: a pilot study | Ryoko Okuma¹, Takuma Umemori¹, Yasuhide Nakayama¹, Aki Yoko¹, Shu Watanabe²  
¹Department of Rehabilitation Medicine, Jikei-Daisan Hospital, Tokyo, Japan, ²Department of Rehabilitation Medicine, Jikei University School of Medicine, Tokyo, Japan |
| PRE 21-91 | 10:00~11:00 | How do Japanese occupational therapists use picture books as an intervention? | Miki Fujimoto¹, Chisato Saito²  
¹Faculty of Allied Health Science Department of Rehabilitation, Nigata University of Rehabilitation, ²Rehabilitation Service Administration, Shizuoka iryo-fukushi center |
| PRE 21-92 | 14:30~15:30 | Effect of rehabilitation on cancer brain fog: A systematic review and meta-analysis of randomized control trials | Akiko Hanai¹, Tadao Tsuboyama¹  
¹Graduate School of Medicine, Kyoto University |
| PRE 21-93 | 10:00~11:00 | OT and RCT: What the Evidence is Not Piling Up | Kathryn Reed¹  
¹School of Occupational Therapy, Texas Woman's University |
| PRE 21-95 | 10:00~11:00 | Correlation between Behavioral, Emotional, and Sensory Processing Difficulties in Children with Developmental Disabilities | Evelyn Andersson¹, Ruchi Bhargava²  
¹Occupational Therapy Program, Midwestern University, ²Clinical Psychology Program, Midwestern University |
| PRE 21-97 | 10:00~11:00 | Activities of daily live training group: An intervention strategy for the treatment of children with cerebral palsy | Tatiana B. Pontes¹, Pedro H.T.Q. Almeida¹, Simone C. Pereira², Flavía M. Oliveira²  
¹Faculdade de Ceilandia, Universidade de Brasília, ²AACD |
| PRE 21-98 | 14:30~15:30 | Neurocognitive and Functional Outcomes after Primary Intracerebral Hemorrhage in Urban Underserved Adults: Impact of ICH in African Americans | Dorothy Edwards¹, Hui-Chun Chen¹, Jeffery Wing¹, Laura Russell¹, Chelsea Kidwell²  
¹Program in Occupational Therapy, University of Wisconsin Madison, ²Neurology, Georgetown University, ³Biostatistics/Public Health, University of Michigan |
| PRE 21-100 | 14:30~15:30 | Validation of the Behavioral inattention Test for Korean version: Pilot study of conventional sub-tests | Suhyun Park¹, Kyoungyoung Park¹  
¹Occupational therapy Dept., Yeju institute of technology, ²Occupational therapy Dept., Jungwon University |
| PRE 21-101 | 10:00~11:00 | Sensory Responsiveness in Siblings of Children with Autism Spectrum Disorders | Claudia List Hilton¹ ²  
¹Occupational Therapy, University of Texas Medical Branch, ²Occupational Therapy and Psychiatry, Washington University School of Medicine |
PRE 21-102  14:30～15:30
Differences of visual axis and pupil diameter between robotic feeding and self-eating in healthy subjects
Atsuko Suzuki1, Yui Takahashi1, Mitsuhiro Nito2, Katsuhiro Suzuki3, Hiromi Fujii4
1Graduate School of Health Sciences, Yamagata Prefectural University of Health Sciences, 2Graduate School of Medical Science, Yamagata University, 3Department of Physical Therapy, Yamagata Prefectural University of Health Sciences, 4Department of Occupational Therapy, Yamagata Prefectural University of Health Sciences

PRE 21-103  10:00～11:00
Evaluation of Hand Function by Using Three-Dimensional Motion Analysis System in Stroke Patients
Hiroyuki Katoh1, Norihide Itoh2, Masayuki Yamada3, Hitoshi Kagaya4, Eiichi Saitoh5
1Department of Rehabilitation, Fujita Health University Hospital, 2Faculty of Rehabilitation, School of Health Sciences, Fujita Health University, 3Department of Rehabilitation Medicine 1, School of Medicine, Fujita Health University

PRE 21-104  14:30～15:30
Occupational therapy is effective with task specific training for upper limb dysfunction in patients with hemiplegia after stroke
Kunji Shirahama1, Masatoshi Gocho2, Tomomi Kawamura3, Taeko Kitahashi4, Michinari Fukuda5
1Kanagawa University of Human Services, 2Kawasaki Rinko General Hospital, 3Shonan Central Hospital, 4IMS Itabashi Rehabilitation Hospital, 5Kumamoto Health Science University

PRE 21-105  10:00～11:00
Care situation and caregiver burden of home-care patients with cerebral infarction who need some assistance
Aki Watanabe1, Kayoko Narita1, Hirofumi Nagayama2, Takayuki Kawaguchi1, Michinari Fukuda1
1School of Allied Health Sciences, Kitasato University

PRE 21-106  14:30～15:30
Prediction of care burden using a three-dimensional accelerometer that assesses sleep in home stroke patients and their caregivers
Rie Saito1, Mitsunobu Yatsunami2, Mio Shibahara2, Masatoshi Niwa2
1Faculty of Health Sciences Department of Occupational Therapy, Kyorin University, 2Faculty of Health Sciences Department of Physical Therapy, Kyorin university

PRE 21-107  10:00～11:00
Eye Tracking of Occupational Therapists: A Comparative Analysis of New Occupational Therapists and Experienced Occupational Therapists on the Initial Assessment of a Dementia Patient
Reona Uehara1, Kaoru Inoue2, Mio Nakamura3, Takashi Yanohara4, Ayaka Kawai1
1Rehabilitation Support Center, Medical Corporation Fukujukai, 2Department of Assistive Technology, Research Institute, National Rehabilitation Center for Person with Disabilities, 3Social Welfare Corporation Sakurakai
PRE 21-108 14:30~15:30
 Thumb MP joint range of motion and IP joint range of motion, and the relationship between the two
 Ayumi Sato1, Takashi Murai1, Yoshiyuki Hirahara1, Shigeharu Uchiyama1, Hiroyuki Kato1
 1Rehabilitation Dept., Niigata Rousai Hospital, 2Rehabilitation Dept., Azumi General Hospital, 3Department of Orthopaedic Surgery, Shinshu University School of Medicine

母指IP関節可動域とMP関節可動域、および両者の関連について
佐藤亜由美1,村井貴2,平原由之1,内山茂晴3,加藤博之3
1新潟労災病院リハビリテーション科,2安曇総合病院リハビリテーション科,3信州大学整形外科

PRE 21-109 10:00~11:00
 Am I Still a Parent?: Promotion of Family-Centered Care in Residential Facilities for Persons with Intellectual Disabilities
 Kareem Nasser1, Amalia Saar2, Dalia Sachs1
 1Department of Occupational Therapy, University of Haifa, 2Department of Sociology and Anthropology, University of Haifa

PRE 21-110 14:30~15:30
 Psychological Influence on the Same Task Performance in Different Purposeful Presentations
 Yoko Kubo1, Noriyoshi Asai1
 1Division of Immunology, School of Allied Health Sciences, Kitasato University, 2Kitasato University

異なる目的提示が及ぼす同一課題遂行への心理的影響
久保陽子1,浅井憲義2
1北里大学医学部医学検査学科免疫学,2北里大学

PRE 21-111 10:00~11:00
 Therapeutic use of self and the Lesbian-Gay-Bisexual-Transgender (LGBT) Client
 Michael A. Pizzi1
 1Long Island University-Brooklyn

PRE 21-114 14:30~15:30
 The Application of the Classifiers in Predictors of Quality of life Outcomes after Rehabilitation for Patients with Stroke
 Tzyh-Chyang Chang1,2, Jinn-Der Lee1, Shin-Ting Yang1, Chung-Hsien Huang1, Ching-Yi Wu1
 1Department of Occupational Therapy, Bali Psychiatric Center, Taiwan, 2Department of Electrical Engineering, Chang Gung University, Taiwan, 3Department of Occupational Therapy, Chang Gung University, Taiwan

PRE 21-115 10:00~11:00
 The Effects of occupational Activity often-requested NintendoWii on QOL for child patients. : Consideration to change with the times of “play”
 Shintaro Akihiro1, Keisuke Natsume1, Kenichi Ishibashiri1, Yuka Kawatoko1, Satoshi Ikeda1
 1Rehabilitation Dept., Kagoshima University Medical And Dental Hospital

「取り入れて欲しい活動」NintendoWiiが患児のQOLに与えた影響～時代とともに変化する「遊び」を考える
秋廣慎太郎1,夏目恵介1,石渡貴1,川田裕1,池田聡1
1鹿児島大学医学部・歯学部附属病院リハビリテーション部

PRE 21-116 14:30~15:30
 Improvement to Occupational Performance : Play and Social Participation by OT-SI Group Intervention for Preschooler
 Aeri Yu1, Yunkyung Choi1, Chorom Ham1, Seokyeon Ji1
 1SISO Sensory Integration toward Social & Occupational Being

PRE 21-117 10:00~11:00
 Effects of differences in hand visions on motor imagery during Hand Mental rotation task : A NIRS Study
 Shota Date1, Toru Sunagawa1, Hiroshi Kurumadani1
 1Graduate School of Biomedical and Health Sciences, Hiroshima University

手の見え方の違いによる運動イメージへの影響－メンタルローテーションとNIRSを用いた検討
伊達翔太1,砂川融1,車谷洋1
1広島大学大学院

PRE 21-118 14:30~15:30
 Relationship between duration of work activity and psychological effect
 Koshi Sumigawa1, Shuhei Koeda1, Yuji Koike1
 1Hirosaki University Graduate School of Health Sciences

作業時間と心理的効果の関係
澄川幸志1,小枝周平1,小池祐士1
1弘前大学大学院保健学研究科
Memory of Falling in Elderly People with Dementia: Response Concordance Rate and Reproducibility Six Months Later
Masayo Otaki,3,4 Kyoko Moriguchi,1 Takashi Asada2
1Department of Occupational Therapy, Health Science University, 2Graduate School of Comprehensive Human Sciences, University of Tsukuba

The psychological and physiological effects on the person by the ready-made songs which known and unknown
Sachi Miyamoto
1Music Department, School Corporate Kyushugakuuen Fukuoka Women’s Junior College

Investigation of a method for identifying the language-dominant hemisphere by Near Infra-Red Spectroscopy (NIRS)
Masayuki Yamada,1 Megumi Suzuki,1 Akiko Maeda,1 Hiroyuki Kato1
1Faculty of Rehabilitation School of Health Sciences, Fujita Health University, 2Department of Rehabilitation, Fujita Health University Hospital

Engagement in occupation Using play as a means for youth in detention to acquire life skills
Chi-Kwan Shea,1 2Occupational Therapy, Samuel Merritt University, 3Occupational Therapy, Occupational Therapy Training Program

New assessment scale of daily activity which focused on the use of the affected upper extremity in the patients with stroke
Hayato Hashimukai,1 Sachiko Sakata,1 Kaoru Honaga2
1Rehabilitation Dept Occupational Therapy Section, Tokyo Bay Rehabilitation Hospital, 2Rehabilitation Dept, Tokyo Bay Rehabilitation Hospital

The efficacy of occupation-based intervention with therapeutic exercise in the rehabilitation of injured hands: A randomized control trial study in Malaysia
Ahmad Zamir Che Daud,3,4,5 Matthew Yau Kwai-Seng,4 Fiona Barnett,1 Rashdeen Fazwi3
1Discipline of Occupational Therapy, James Cook University, 2Occupational Therapy Dept., Mara University of Technology, 3Orthopaedic and Traumatology Dept., Kuala Lumpur General Hospital

Collaboration in Action: Evaluating the Extent of Family-Centered Therapy Services
Lora Woo,1 Eunice Shen,1 Elizabeth Russel,1 Debi Craddock1
1Medical Therapy Program, California Children’s Services, County of Los Angeles, CA

Effects of Sensory and Motor Interventions on Adolescents and Adults with Autism Spectrum Disorders
Melissa H. Kuo,1 Joyce Magill-Evans1
1Dept. of Occupational Therapy, University of Alberta
PRE 21-129 10:00～11:00
Awareness survey of therapists engaged in end-of-life rehabilitation
Yu Takeda1, Yu Usui1, Jun Aoki1, Kunji Shirahama1, Toshiaki Takahashi1
1Rehabilitation Dept., Sakuragaoka Central Hospital, 2School of Rehabilitation, Kanagawa University of Human Services, 3Internal Medicine, Sakuragaoka Central Hospital
終末期リハビリテーションにおけるセラピストの意識調査
桐田 郁, 宇居 祐, 甲尾 孝, 岩永寛, 高橋利明
1桜ヶ丘中央病院リハビリテーション科, 2神奈川県立保健福祉大学リハビリテーション学科, 3桜ヶ丘中央病院内科

PRE 21-130 14:30～15:30
Cross-cultural reliability of the European-French version of the Developmental Coordination Disorder Questionnaire* 07 (DCDQ* 07)
Sylvie Ray-Kaeser1, Evelyne Thommen1, Rose Martini1, Brenda N. Wilson1, Martine Bertrand Leiser1
1University of Applied Sciences, faculty of health and social sciences, OT dept. Lausanne, Switzerland, 2University Of Ottawa, faculty of health sciences, Canada, 3Alberta's children hospital, Canada

PRE 21-131 10:00～11:00
Development of a rating scale to evaluate the relevance of occupations
Kotaro Sato1, Takashi Ichikawa1
1Rehabilitation Dept., Geriatric Health Services Facility Aizenen, 2Akita University Graduate School of Health Sciences doctor course, 3Department of Occupational Therapy, Akita University Graduate School of Health Sciences
作業の関連性を評価する尺度の開発
小田光, 石川晃太郎
1介護老人保健施設あいづ苑リハビリテーション部, 2秋田大学大学院医学系研究科博士後期課程, 3秋田大学大学院医学系研究科保健学専攻作業療法学講座

PRE 21-132 14:30～15:30
On the reaction of the parietal and occipital lobes to optical flow input in peripheral vision: A study involving the presentation of search tasks using a wide viewing angle environment
Koichi Akama1, Tadashi Ichikawa1
1Occupational therapy dept., Saitama Prefectural Rehabilitation Center
周辺視野へのオプティカルフロー入力に伴う後頭葉と頂頭葉の反応について－広視野角環境を利用した探索課題提示方法の検討
岩永竜, 岩永竜
1埼玉県総合リハビリテーションセンター作業療法科

PRE 21-133 10:00～11:00
Functional range of motion in the metacarpophalangeal joint in the different wrist position
Takashi Mura1, Ayumi Sato1, Yoshikazu Ido1, Shigeharu Uchiyama1, Hiroyuki Kato1,2
1Rehabilitation Dept., Azumi General Hospital, 2Rehabilitation Dept., Niigata Rosai Hospital, 3Rehabilitation Dept., Shinshu University Hospital, 4Department of Orthopaedic Surgery, Shinshu University School of Medicine
指 MP 関節の機能的関節可動域を側方の固定角度を与える影響
木村拓, 佐藤夏里, 伊藤義, 内木亮, 岩渕健一
1信州大学医学部附属病院リハビリテーション科, 2新潟大学医学部附属病院リハビリテーション科, 3信州大学医学部附属病院リハビリテーション科, 4信州大学医学部整形外科

PRE 21-134 14:30～15:30
Neuropsychological test and Magnetic Resonance Imaging findings of mild or moderate traumatic brain injury patients in chronic stage
Akifumi Komura1,2, Shio Uduyama3,4, Keiichi Ito3,4, Yoshitaka Asano3,4, Jun Shinoda3,4
1Rehabilitation Dept., Helse Junior College of Medical Technology, 2Clinical Brain Sciences Dept., Gifu University Graduate School of Medicine, 3Chubu Medical Center for Prolonged Traumatic Brain Dysfunction, 4Neurosurgeon Dept., Kizawa Memorial Hospital, 5Rehabilitation Dept., Kamida Rehabilitation Hospital
軽度および中等度外傷性脳損傷患者慢性期のMRI画像異常所見と神経心理検査成績の関係
田村 隆, 上田有志, 伊東一, 深野幸子, 田口 久
1平成医療短期大学リハビリテーション学科作業療法専攻, 2岐阜大学大学院医学系研究科脳病態解析学分野, 3中部病院センター, 4木沢記念病院脳神経外科, 5上田リハビリテーション病院リハビリテーション科

PRE 21-135 10:00～11:00
Efficacy of sensory-integration therapy for Japanese children with high-functioning autism spectrum disorder
Ryoichiro Inawaga1, Akiko Tokunaga1, Koji Tanaka1, Hideyuki Nakane1, Goro Tanaka1
1Department of Health Sciences, Nagasaki University Graduate School of Biomedical Sciences
日本の高機能自閉症スペクトラム障害児に対する感統統合療法の効果
根尾隆一, 桃野松子, 田中貴之, 深見秀之, 田中悟郎
1長崎大学大学院医学系総合研究科保健学専攻
A Case Report: Efficacy of the three kinds of upper-limb prostheses for a patient with trans-radial amputee

Hiromichi Fujiwara1, Katsutoshi Senno2, Manabu Yoshimura1, Takeshi Moriya1, Shinsuke Matsumoto2

1Rehabilitation Center, Kawasaki Medical School Hospital, 2Department of Rehabilitation, Faculty of Health Science and Technology, Kawasaki University of Medical Welfare, 3Division of Physical Therapy, Kawasaki Junior College of Rehabilitation

PRE 21-136 14:30～15:30

The wheelchair active mass of the elderly requiring care with unilateral spatial neglect: The survey in a healthcare facility for the elderly

Miki Kato1, Ayu Hayashi1, Atsushi Kishimura1, Ryoma Nakagoshi1, Hirofumi Moroika2

1Department of Occupational Therapy, Osaka College of Medical and Welfare, 2Rehabilitation Fee, Healthcare Facility/Elder Village

PRE 21-137 10:00～11:00

The custom of enjoying music affects the brain activity in active listening

Shiori Katsuyama1, Ai Hashimoto2, Kaori Shimoda3, Bumsuk Lee1, Fusae Tozato1

1Graduate School of Health Sciences, Gunma University, 2Asaka Hospital

PRE 21-138 14:30～15:30

What has gender got to do with it? Assessing the Performance of Everyday Activities by Men and Women with HIV-associated Neurological Disorders

Camilla Hawkins1,2

1Occupational Therapy, Mildmay Mission Hospital UK

PRE 21-139 10:00～11:00

The usefulness of the SHAP in Japan

Kumiko Sasa1, Masaki Nakagawa2, Toshiyuki Ishioka2, Toyohiro Hamaguchi2

1Department of Occupational Therapy, Saitama Prefectural University, 2Department of Rehabilitation, National Rehabilitation Center for Persons with Disabilities

PRE 21-140 14:30～15:30

Collective Family Efficacy: Evidence for a family-centered approach

Shirley Wells1

1Occupational Therapy Department, University of Texas-Pan American

PRE 21-141 10:00～11:00

Outpatient Occupational Therapy Interventions, Outcomes, Frequency, Duration, Intensity for Persons with Stroke: A Systematic Review of Randomized Controlled Trials

Maria Concepcion Cabatan1, Nikka Karla Santos1, Krizelle Cruz1, Alyssa Nina Vilaga2, Arnold Daniel Rubio3

1University of the Philippines Manila

PRE 21-142 14:30～15:30

Lessons learned from an evidence-based community intervention: Experiences from a working environmental preventive project

Aase Brandt1,2

1Knowledge Centre - VIHS, The National Board of Social Services, 2Institute of Public Health, University of Southern Denmark

PRE 21-143 10:00～11:00

Occupational therapy driver assessments: Improving service delivery by addressing referral system and practice context issues

Marilyn Di Stefano1, Tricia Williams2, John Catchpole3

1Occupational Therapy/School of Allied Health, La Trobe University, 2Road User Behaviour, VicRoads, Roads Corporation, 3Safe Systems, Australian Road Research Board

PRE 21-144 14:30～15:30
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<td>PRE 21-145</td>
<td>10:00~11:00</td>
<td>The Activity-focused Occupation-based Neurobehavioral Evaluation (A-ONE): Diverse utilization possibilities</td>
<td>Guðrún Arnadóttir1,2</td>
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<td>1Grennas Rehabilitation Department, Landspitali University Hospital Iceland, 2University of Iceland</td>
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<td>PRE 21-147</td>
<td>10:00~11:00</td>
<td>Translation and Validity Study of Korean Version of the Seated Postural Control Measure</td>
<td>Min-Ye Jung1, Eun-Young Yoo1, Ji-Hyuk Park1, Jae-Sung Kwon1</td>
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<tr>
<td>PRE 21-148</td>
<td>14:30~15:30</td>
<td>Critical Moments in the Transformation of Occupational Therapy Practice</td>
<td>Ellen Nicholson1, Clare Hocking1, Marion Jones1</td>
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<td>PRE 21-150</td>
<td>14:30~15:30</td>
<td>Assessment of Motor and Process Skills in an Argentinean patient with frontal lobe syndrome: where should we focus?</td>
<td>Suppicich Fernanda Maria1,2, Ciampa Agostina1, Vivanco Ana Ines1,2, Camino de la Llosa Julieta1,2</td>
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<td>1Occupational Therapy Department, INECO (Institute of Cognitive Neurology), 2Occupational Therapy Unit, Favaloro Foundation Institute of Neuroscience</td>
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<td>PRE 21-151</td>
<td>10:00~11:00</td>
<td>A pilot study to estimate the effect of group occupational therapy for the children with severe motor and intellectual disabilities (SMID): a rating scale to assess “how did they enjoy the therapy?”</td>
<td>Kayoko Ide1, Naomi Momosaki1, Fumie Zenmyou1</td>
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<td>PRE 21-152</td>
<td>14:30~15:30</td>
<td>Improving Patient Safety: Prevention and Reduction of Practice Errors in Occupational Therapy Practice</td>
<td>Keli Mu1, Linda Scheirton1, Heiene Lohman1</td>
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<td>PRE 21-153</td>
<td>10:00~11:00</td>
<td>A Trial for Occupational Therapy Centered on Patients at Recovery Phase Rehabilitation Wards: Introduction of Canadian Occupational Performance Measure</td>
<td>Shinya Watanabe1, Maiko Kanbe1, Kazuaki Higo1, Tomomi Tada1, Shunji Sawa1</td>
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<td>PRE 21-154</td>
<td>14:30~15:30</td>
<td>Development of affective prosody evaluation</td>
<td>Go Kurauchi1, Koichi Nagaki1, Hideki Miyaguchi1</td>
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<td>PRE 21-155</td>
<td>10:00~11:00</td>
<td>The deep head of pronator quadratus activity at grounding with hand</td>
<td>Mineo Oyama1, Masahiro Odagiri1, Shouta Matuzawa1, Yuichi Nakamura1, Takashi Hoei1</td>
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<td>1Dept. of occupational therapy, Graduate School of Niigata University of Health and Welfare</td>
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June 18 (Wed) June 19 (Thu) June 20 (Fri)
June 21 (Sat) Poster Session

10:00~11:00 14:30~15:30
Effect of flowing water on breathing patterns during shampooing
Satomi Sasanuma1, Masafumi Nozoe2, Sachie Takashima3, Kazuhiro Matsushita3, Kyoushi Mase3
1Department of Rehabilitation, Itami Kousei neurosurgical hospital, 2Department of Rehabilitation, Hyogo College of Medicine
Sasayama Medical Center, 3Department of Physical Therapy, Faculty of Nursing and Rehabilitation, Konan Women’s University

The Use of Evidence-Based Practice Among OT Practitioners, a Survey: Evidence Based Practice among OTs
Husn Ameri1, Reda Shihadeh2
1School of Occupational Therapy, Texas Woman's University, 2Aegis Therapies

A systematic review of measurement properties of the Assessment of Motor and Process Skills (AMPS)
Kylie Wals1, Lindy Clemson1, Natasha Lannin1, Ian Cameron2
1Faculty of Health Sciences, Department of Occupational Therapy, La Trobe University and Alfred Health, 2Rehabilitation Studies Unit, University of Sydney

Listening to Pleasant Music Improve Visual Attention in a Patients with Mild Traumatic Brain Injury: A Case Report
Chi-Chun Kao1, Pei-Luen Tsai1
1Department of Occupational Therapy, National Cheng Kung University, Taiwan

A systematic review of instruments for measuring evidence-based practice (EBP) learner outcomes
Helen Buchanan1, Nandi Siegfried2,3, Jennifer Jelsma3
1Health and Rehabilitation Sciences, University of Cape Town, 2South African Cochrane Centre, Medical Research Council, 3School of Public Health, University of Cape Town

Reviewing the literature on anger management strategies used with adolescents from an Occupational Therapy perspective
Patrick Hynes1, Margot Barry2
1Clare CAMHS, Health Service Executive, Ireland, 2CPD Office, Association of Occupational Therapists of Ireland, 3Clinical Specialist Occupational Therapist in Private Practice

Validity of the DC Test of the SIPT With Typical Pre- and Early- Adolescents 9 and 13 Years Old
O'Jay Bowman1
1School of Occupational Therapy, Texas Woman's University, Houston, Texas USA

How the physical environment of nursing homes for people with dementia can contribute to participation in meaningful occupations
Lena Rosenberg1
1Department of NVS/Division of occupational therapy, Karolinska Institutet

Challenge & Innovation／革新と挑戦

TASK-ORIENTED THERAPEUTIC BRAIN MACHINE INTERFACE (BMI) APPLICATION TO PATIENTS WITH SEVERE HEMIPARESIS
Atsuko Nishimoto1, Toshiyuki Fujiwara2, Junichi Ushiba3, Kaoru Abe4, Meigen Liu4
1Graduate School of Medicine, Keio University, 2Department of Rehabilitation Medicine, Keio University School of Medicine, 3Department of Biosciences and Informatics, Faculty of Science and Technology, Keio University, 4Department of Medical Rehabilitation, Keio University Hospital

The Sensory Diet of Snoezelen to the Children with Autism
Wei-Chih Hung1, Tsan-Hsun Huang2
1Professional Team, St. Raphael Opportunity Center, 2Department of Rehabilitation, Itami Kousei neurosurgical hospital
**PCI 21-03** 10:00～11:00

Mindfulness Based Occupational Therapy for Veterans with Chronic Pain : Development of a Referral and Program Evaluation Process

Sherry Watson¹
¹Veterans Affairs, Veterans Affairs Northern California Health Care System

**PCI 21-04** 14:30～15:30

New therapeutic application of Brain machine interface (BMI) combined with Hybrid Assistive Neuromuscular Dynamic Stimulation (HANDS) therapy among patients with severe hemiparetic stroke

Tomoko Kurasawa¹, Toshiyuki Fujiwara², Haruka Nemoto¹, Atsuko Nishimoto¹, Meigen Liu²
¹Department of Medical Rehabilitation, Keio University Hospital, ²Department of Rehabilitation Medicine, Keio University School of Medicine, ³Graduate School of Medicine, Keio University

**PCI 21-05** 10:00～11:00

Occupational therapy perspective on the use of robotics as a means of rehabilitation

Mark Kovic¹
¹College of Health Sciences/Occupational Therapy, Midwestern University

**PCI 21-09** 10:00～11:00

The effectiveness of the functional trans-radial prosthesis who assumed elbow joint exercise a power source

Katsutoshi Senoo¹, Hirotsuru Fujiiwara¹, Manabu Yoshimura¹, Takeshi Moriyma²
¹Department of Rehabilitation, Faculty of Health Science and Technology, Kawasaki University of Medical Welfare, ²Kawasaki Medical School Hospital

**PCI 21-11** 10:00～11:00

How Somatosensory Stimulation to the Hand Influences Neuroplasticity and Occupation-based Practice

Guy McCormack¹
¹Occupational Therapy, Samuel Merritt University

**POC 21-1** 10:00～11:00

Recognition of Occupation by Occupational Therapy Students in Japan and Korea : Preliminary Study on Relationship between Occupation and Culture

Shingo Yamane¹, Kyouung-Min Lee², Seokyeon Ji², Chongsu Noh², Hideaki Hanaoka¹
¹Hiroshima University, ²Far East University, ³Sensory Integration toward Social and Occupational being, ⁴Daejeon Health Science College

**POC 21-2** 14:30～15:30

Exploring the Possibility of Introducing a Novel Handicraft from Abroad : Introducing Japanese “Andersen Craft” to Korean Occupational Therapists

Akiko Abe¹, Kyoung-Min Lee², Hyun-jung Kim³
¹School of Health Sciences, Department of Occupational Therapy, Tokyo University of Technology, ²School of Public Health, Department of Occupational Therapy, Far East University, ³Department of Occupational Therapy, HR2V Self-development Center for Children and Youth

**POC 21-4** 14:30～15:30

Participation parity in occupational therapy

Dikaios Sakellarios¹, Nicholas Pollard²
¹School of Healthcare Studies, Cardiff University, ²Faculty of Health and Wellbeing, Sheffield Hallam University
The features of meaningful occupations and occupations except them in Japan: The examination of case studies from 1995 to 2010

Keiko Omatsu¹,², Yoshikazu Ishii³, Takashi Yamada⁴,⁵
¹Occupational Therapy Division, Kansaigakken Medical Welfare College, ²Doctoral Student at School of Human Health Science, Tokyo Metropolitan University, ³Graduate School of Human Health Science, Tokyo Metropolitan University, ⁴Graduate School of Rehabilitation Science, Meijo University, ⁵Professor Emeritus, Tokyo Metropolitan University

Adolescent's Participation and Enjoyment in Austria

Erna Schoenthaler¹, Angelika Harrer¹, Elena Weiser¹
¹Department of Health, University of Applied Sciences FH Campus Wien

Report of one mother tongue teacher who has OT experiences as background

Ritsuko Sato¹
¹Non

Occupational Place Transition: Preventive Approach for People with Disability, Elderly and Disaster Victims

Etsuko Odawara¹
¹School of Rehabilitation Sciences, Division of Occupational Therapy, Seirei Christopher University

The Participation in Childhood Occupation Questionnaire (PICO-Q) measuring participation in different health conditions

Tami Bar-Shalita¹, Tehila Amsalem¹, Renana Langer¹, Tamar Sabag¹, Shula Parush¹
¹School of occupational therapy, The Faculty of Medicine, Hebrew University of Jerusalem

Patient education on housework ergonomics for women with upper limb Repetitive Strain Injuries (RSI) - Therapists' perceptions

Therma Cheung¹, Lindy Clemson¹, Kate O'Loughlin¹, Russell Shuttleworth¹
¹Occupational Therapy Department/Allied Health Division, Singapore General Hospital, ²Faculty of Health Sciences, The University of Sydney, ³School of Health and Social Development, Deakin University

Work participation: Exploring the experiences of people with upper limb amputations and congenital limb deficiencies

Karen Roberts¹,², Marilyn DiStefano¹, Ellie Fossey¹
¹Occupational Therapy Department, Caulfield Hospital, Alfred Health, ²Department of Occupational Therapy, La Trobe University

A cooking training with a self-help tool using a pet bottle for a patient with right fingers amputation accompanied with intense fear of cutlery and hand injury

Hirotaka Uwai¹, Munehiro Ikuta²
¹Department of Rehabilitation, Noto General Hospital, ²School of Health Sciences Department of Occupational Therapy, TOKYO UNIVERSITY OF TECHNOLOGY

自作の自助具にて恐怖心が軽減し，自宅での調理動作に至った手指切断の一例

上井紘貴，生田宗博
¹公立能登総合病院リハビリテーション部，²東京工科大学医療保健学部 作業療法科
<table>
<thead>
<tr>
<th>POC 21-14</th>
<th>14:30〜15:30</th>
<th>The role of meaningful occupations to the growth and development: The case of 2 different occupational performances becoming possible during adolescence</th>
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<tr>
<td>Takumi Hamada, Hiroyuki Taniguchi</td>
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<tr>
<td>1Medical treatment part training section, Mie Prefectural Kusanomi Rehabilitation Center, 2Rehabilitation department, Sakakibara Onsen Hospital</td>
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発達過程における意味のある作業の役割一青春期に相違する2つの作業が可能となった症例

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<thead>
<tr>
<th>POC 21-15</th>
<th>10:00〜11:00</th>
<th>Characteristics of elderly dementia patients in making Chiyogami-hari: utility in screening for dementia</th>
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<tbody>
<tr>
<td>Nobutaka Kikuchi, Norikazu Kobayashi</td>
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<td>1Rehabilitation Dept., Chigasaki Chuo Hospital, 2Graduate School of Human Health Sciences, Tokyo Metropolitan University</td>
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千代紙貼り作業の特徴と認知症スクリーニング評価としての検討

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<thead>
<tr>
<th>POC 21-16</th>
<th>14:30〜15:30</th>
<th>Fine Motor Skills in Preterm Infants at First Year of Life</th>
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<tr>
<td>Tien-Ni Wang, Tsu-Hsin Howe, Jie Li, Guan-Chun Li, Tzu-I Lee</td>
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<td>1School of Occupational Therapy, College of Medicine, National Taiwan University, 2Department of Occupational Therapy, School of Steinhardt of culture education and human development, New York University</td>
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<tr>
<th>POC 21-17</th>
<th>10:00〜11:00</th>
<th>Getting back to play: Experiences from an occupational therapy program for children living with cancer in a residential context</th>
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<tr>
<td>Diego Cifuentes</td>
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<td>1School of Occupational Therapy, Faculty of Medicine - Universidad de Chile, 2Oncologic Care Home, Maria Ayuda Foundation</td>
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<tr>
<th>POC 21-18</th>
<th>14:30〜15:30</th>
<th>The meaning of experiences of making things in small groups with individual support for children with developmental disabilities</th>
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<tr>
<td>Kiyoko Sasaki, Kumi Okumura, Yasuko Nakamura, Kumiko Terabayashi</td>
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<td>1Occupational Therapy Dept., National Rehabilitation Center for Children with Disabilities</td>
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発達障害児にたいする個別の対応を基本にした小集団による物作り体験の意義

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<tr>
<th>POC 21-19</th>
<th>10:00〜11:00</th>
<th>Changes in Needs for disability and lifestyle for CVA Patients</th>
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<tr>
<td>Kazuyuki Mimura, Yuzoh Tagawa, Yohichi Hirota, Mieko Yamamoto, Hideko Miyaoka</td>
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<td>1Clinical Service Dept., Kokura Rehabilitation Hospital</td>
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CVA 患者の職がい・生活に対するニーズの変化

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<tr>
<th>POC 21-20</th>
<th>14:30〜15:30</th>
<th>Developmental Timetable: When Do Parents Shift Responsibility for Management of Daily Tasks to their Children?</th>
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<tr>
<td>Ying-Chia Kao</td>
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<td>1Department of Occupational Therapy, Boston University</td>
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<tr>
<th>POC 21-21</th>
<th>10:00〜11:00</th>
<th>HOW DOES DISABILITY AFFECT TIME USE: National survey data as evidence for temporal adaptation</th>
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<tr>
<td>Clarke Wilson, Mary Ann McColl</td>
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<td>1Centre for Health Services and Policy Research, Queen’s University, 2Occupational Therapy, Queen’s University</td>
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<tr>
<th>POC 21-22</th>
<th>10:00〜11:00</th>
<th>Belonging and human well-being: Exploring cross-culturally meaningful and interdependent occupations</th>
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<tr>
<td>Karen Whalley Hammell</td>
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<td>1Department of Occupational Science and Occupational Therapy, University of British Columbia, Vancouver, Canada</td>
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<tr>
<th>POC 21-23</th>
<th>10:00〜11:00</th>
<th>Children and Youth with and without Disabilities (ages 0-20) : Variables Associated with Shift of Responsibility for Daily Life Tasks from Parent to Child</th>
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Collaboration／連携

PCO 21-1 10:00～11:00

Home Recovery for Patient with Cervical Spinal Cord Injury : Environmental Modification Requirements for Patient’s Home
Daisuke Asada1, Satoshi Tanaka1, Masatoshi Nakamura1
Rehabilitation Center, ONGA NAKAMA Medical Association OKAGAKI Hospital

Theory／理論

PTH 21-2 14:30～15:30

KAWA Model and Thought of Takeo Arishima
Kenichi Tsuchisawa1, Yohei Kageyama2, Michael Kenko Iwama3, Akiyo Harigae1
1School of Health Sciences, Hirosaki University of Health and Welfare, 2The University of Tokyo, 3Department of Occupational Therapy, Georgia Regents University

Disaster／災害

PDI 21-2 14:30～15:30

Providing meaningful occupations at temporary housings in the disaster area of the Great East Japan Earthquake
Tamako Mayama1, Miyoko Yamada1, Tatsuya Suzuki1, Tetsuya Sano1, Yusuhe Kamoto1
1Dept. of Occupational Therapy, Seirei Christopher University, 2Dept. of Community Welfare, Shizuka Eiwa Gakuin University, 3Dept. of Rehabilitation, 4Dept. of Rehabilitation, Enshu Hostital

PDI 21-3 10:00～11:00

SPIRITUALITY, ROLES AND PAKIKIPAGKAPWA AMIDST DISASTER : An Investigation of the Lived Experience of Women Survivors of Disaster Using Interpretative Phenomenological Analysis (IPA)
Anthony Grecia1,2, Vanessa Tan-Ibanes2, Penelancria Ching2,1
1Occupational Therapy Association of the Philippines, 2Department of Occupational Therapy, University of the Philippines-Manila

PDI 21-4 14:30～15:30

Effective activity and role of Occupational Therapist in Disaster suppor : Experiences from Pakistan earthquake and the great Japan earthquake
Megumi Furugori1, Makoto Kono1, Rumi Sunohara3, Noriko Morishita1, Atsuko Nishimoto3
1Hokkaido Ujje Clinic for Psychosomatic Children, 2Faculty of Health Sciences, Kyorin University, 3Nagano Rehabilitation Collage, 4Nippon Medical School Hospital, 5Graduate school of medicine, Keio University

災害支援における作業療法士の役割と活動の選択について－パキスタン地震と東日本大震災で支援経験から
古部, 恵, 萩野, 貴, 松野, 諭, 萩森, 青本, 豊本