

Sunday, February, 22, 2015 Poster Room	
8:00–10:00	Putting Poster
10:00–10:15 11:15–11:45	Coffee Break & Poster Viewing
10:00–13:15	Poster Exhibition
P-01	Rehabilitation outcome for the home-based SCI survivors in the public independent-living training centers: multi-center study Naohisa Kikuchi ¹ , Kazuya Mizuochi ² ¹ Department of Rehabilitation Medicine, Yokohama City University Medical Center ² Department of Rehabilitation Medicine, Yokohama City University Hospital
P-02	Prediction of lower limb motor outcomes based on transcranial magnetic stimulation findings in patients with an infarct of the anterior cerebral artery Min Cheol Chang ¹ , Min Ho Chun ¹ ¹ Department of Physical Medicine and Rehabilitation, Asan Medical Center, University of Ulsan College of Medicine
P-03	The effect of combined botulinum therapy and robot rehabilitation on outpatients Toyoko Asami ¹ , Yusuke Nanri ¹ , Masaki Kitajima ¹ ¹ Department of Rehabilitation Medicine, Saga University Hospital
P-04	Approach to the gait improvement for chronic stroke hemiplegic patient using both botulinum therapy and functional electrical stimulation Yoshihiro Tsutsumi ¹ , Nobuo Katsuma ¹ , Shougo Iisaka ¹ , Suguru Ando ¹ , Akiko Yasukawa ¹ , Masako Shindo ¹ , Tomoko Kameyama ¹ , ¹ Tsutsumi Orthopaedic Clinic
P-05	Effect of three dimensional whole-body tilt exercise on balance and gait function in subacute stroke patients: pilot study Se Eung Noh ¹ , JiHee Kim ¹ , SeungHwa Lee ¹ , Min ChulJoo ¹ ¹ Department of Rehabilitation Medicine, School of Medicine, Wonkwang University
P-06	Correlation between Ambulation and Clinical Factors in Hemiplegic Patients with Intact Single Lateral Corticospinal Tract: A Restrospective Pilot Study Hyoung Seop Kim ¹ , Ji Sung Hong ¹ ¹ Department of Physical Medicine and Rehabilitation, National Health Insurance Service Ilsan Hospital
P-07	The change of the ankle plantar flexion torque during a walk after motor point blocks to the spastic triceps surae muscle among poststroke hemiplegic patients Shiho Mizuno ¹ , Shigeru Sonoda ¹ , Yutaka Tomita ² , Hirofumi Maeda ¹ , Hiroshi Matsuo ¹ , Sayaka Okamoto ¹ , Hideo Okazaki ¹ , Shinichiro Maeshima ¹ , Kotaro Takeda ² , Tetsuya Tunoda ¹ ¹ Department of Rehabilitation Medicine II, School of Medicine, Fujita Health University ² Fujita Memorial Nanakuri Institute, Fujita Health University

- P-08 Neural correlates of walking ability in post-stroke patients: a study using voxel-based lesion-symptom mapping**
Deog Young Kim¹, AeRyoung Kim¹, Sun Mi Lee², Sunghyon Kyeong³,
Hyun Wook Kim⁴, Yun-Hee Kim⁵
¹Department and Research Institute of Rehabilitation Medicine, Yonsei University College of Medicine
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⁴Yonsei University School of Medicine
⁵Department of Physical and Rehabilitation Medicine, Stroke and Cerebrovascular Center, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul
- P-09 Perspectives of Psychiatrists and Physical Therapists on Gait-training Robot for Stroke Patients**
Chang Gu Kang¹, Min Ho Chun¹, Min Cheol Chang¹
¹Department of Physical Medicine and Rehabilitation, Asan Medical Center, University of Ulsan College of Medicine
- P-10 Clinical experience of chronic stroke patients' upper limbs using both botulinum therapy and therapeutic electrical stimulation**
Yoshihiro Tsutsumi¹, Nobuo Katsuma¹, ShougoIisaka¹, SuguruAndou¹,
Akiko Yasukawa¹, Masako Shindou¹, Tomoko Kameyama¹
¹Tsutsumi Orthopaedic Clinic
- P-11 Relationship between exercise and spasticity in patients who underwent Botulinum toxin A injection in the upper limb**
Hisae Onaka¹, Hitoshi Kagaya², Yuki Okochi¹, Kenta Fujimura¹, Momoko Iwashima¹,
Akinori Oishi¹, Satoshi Hirano², Eiichi Saitoh²
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P-12 Disability Measures in Stroke: Relationship among the modified Rankin Scale, the Modified Barthel Index and Functional Independence Measurement

Ae Ryoung Kim¹, Deog Young Kim¹, Min Kyun Sohn², Jongmin Lee³, Sam-Gyu Lee⁴, Yong-Il Shin⁵, Gyung-Jae Oh⁶, Yang-Soo Lee⁷, Min Cheol Joo⁸, Eun Young Han⁹, So Young Park¹⁰, Yun-Hee Kim¹¹

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P-13 Medical Complications in patients with Stroke: data from the Korean Stroke Cohort for Functioning and Rehabilitation (KoSCo)

Bo-ram Kim¹, Min Kyun Sohn², Jongmin Lee¹, Deog Young Kim³, Sam-Gyu Lee⁴, Yong-Il Shin⁵, Gyung-Jae Oh⁶, Yang-Soo Lee⁷, Min Cheol Joo⁸, Eun Young Han⁹, Young Shil Lim¹⁰, Yun-Hee Kim¹¹

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P-14 Executive dysfunction and stroke outcome in subjects with basal ganglia stroke

Han-Young Jung¹, Ee-Jin Kim¹

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- P-15 Functional Recovery Pattern after the First-ever Stroke: The KoSCo Study**
Minsu Kim¹, Min Kyun Sohn¹, Jongmin Lee¹, Deog Young Kim¹, Sam-Gyu Lee¹, Yong-Il Shin¹, Gyung-Jae Oh¹, Yang-Soo Lee¹, Min Cheol Joo¹, Yun-Hee Kim¹
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- P-16 Self-training of hemiplegic stroke patients using electronic musical instruments ; Relationship between mental health and the sense of musical beat**
Toshiko Kojima^{1,2} Fumihito Kasai¹, Masazumi Mizuma¹
¹Department of Rehabilitation Medicine, Showa University School of Medicine
²Graduate School of Psychology , Obirin University
- P-17 Low-level light therapy for functional recovery in photothrombotic stroke model**
YONG-IL SHIN¹, HWA KYOUNG SHIN², HAE IN LEE¹, NAM-GYUN KIM³, KYOUNG-JUN PARK³
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²Division of Meridian and Structural Medicine, Pusan National University School of Korean Medicine
³Medical Research Center of Color Seven
- P-18 Dual-mode-Noninvasive Brain Stimulation over the Primary Motor Cortices in Stroke Patients**
Yun-Hee Kim¹, Jae Yong Cho¹, Ahee Lee¹, Chang Hyun Park¹, Min-Su Kim¹, Won Hyuk Chang¹
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- P-19 The impact of high frequency magnetic stimulation of the peripheral nerve in person with cervical myelopathy: a case report**
Yoshihiko Okudera¹, Toshiki Matsunaga², Daisuke Kudo¹, Kimio Saito¹, Nobusuke Shibata¹, Mineyoshi Sato², Satoaki Chida², Kazutoshi Hatakeyama², Motoyuki Watanabe², Yoichi Shimada²
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²Department of Rehabilitation Medicine, Akita University Hospital
- P-20 Development and validation of virtual box and block test (BBT) using a Kinect**
Nam-Jong Paik¹, Won-Seok Kim¹, Sungmin Cho², Hyunwoo Bang Bang²
¹Department of Rehabilitation Medicine, Seoul National University Bundang Hospital
²Department of Mechanical and Aerospace Engineering, Seoul National University
- P-21 F-WAVE WAVEFORM VALUES INCREASED FOLLOWING IMPROVED VOLUNTARY MOVEMENTS IN A PATIENT WITH CEREBROVASCULAR DISEASE**
Toshiaki Suzuki¹, Yoshibumi Bunno², Makiko Tani^{1,2} Chieko Onigata², Hirohisa Yoneda², Marina Todo¹, Sayuri Urugami², Ikuro Wakayama¹, Sohei Yoshida¹
²Clinical Physical Therapy Laboratory, Faculty of Health Sciences, Kansai University of Health Science
²Graduate School of Health Sciences, Graduate School of Kansai University of Health Sciences

- P-22 The influence of large intracranial hemorrhage on remote structures: case report**
Joo Hyun Park¹, Youngkook Kim¹, JiYeonKim¹
¹Department of Rehabilitation Medicine, College of Medicine, The Catholic University of Korea
- P-23 The effect of shoulder sling on balance in stroke patients with hemiplegia**
Min Kyun Sohn¹, Hyun-keun Lee¹
¹Department of Rehabilitation Medicine, School of Medicine, Chungnam National University
- P-24 Daily Squat Exercises with Vibration at 10 Hz Lead to Adaptation in the Thigh Muscle Activity and Heart Rate Responses**
Hiroyasu Iwatsuki¹, Mayu Sakamoto¹, AyumiEchigo¹, Kazuya Kannari¹
¹Department of physical Therapy, Graduate School of Aomori University of Health and Welfare
- P-25 Development and Standardization of the Semantic Knowledge Test for Adults (SKT-A)**
Sung-bomPyun¹, YUMI HWANG¹, SUN YOUNG CHOI¹,
¹Department of Rehabilitation Medicine, Korea University College of Medicine
- P-26 Laryngeal Suspension and Upper Esophageal Sphincter Myotomy for Severe Dysphagia**
Hitoshi Kagaya¹, Hitoshi Kagaya¹, Mikoto Baba², Eiichi Saitoh¹, Yoshihiro Iwata³, Kazuo Sakurai³
¹Department of Rehabilitation Medicine I, School of Medicine, Fujita Health University
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³Department of Otolaryngology, School of Medicine, Fujita Health University, Aichi, Japan
- P-27 The Characteristic of Dysphagia in the Patient With Traumatic Brain Injury Comparedwith Stroke patients.**
Won Kyung Lee¹, Tai Ryoan Han², Han Gil Seo¹, Byung-Mo Oh¹
¹Department of Rehabilitation Medicine, Seoul National University Hospital
²Gangwon Do Rehabilitation Hospital
- P-28 Radionuclide Salivagram in Patients with Aspiration (Preliminary Study)**
Zee Ihn Lee¹
¹Department of Rehabilitation Medicine, Dae-gu Fatima Hospital
- P-29 Trade-off between the Kinematic Parameters in the Robotic Training of Upper-Limb Reaching Movement**
Masahiko Mukaino¹, Ai Katoh³, Akinori Oishi², Marika Yamaguchi², Yuki Okouchi², Hitoshi Kagaya¹, Shigeo Tanabe⁴, Eiichi Saitoh¹
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P-30 Post Contraction Hyperemia after electrical stimulation

Nbusuke Shibata¹, Yoichi Shimada¹, Toshiki Matsunaga², Yoshihiko Okudera¹,
Ken Sasaki¹, Mineyoshi Sato², Satoaki Chida², Kazutoshi Hatakeyama²,
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