2009 Asian and Oceanian Congress of Clinical Neurophysiology
"AOCCN in Cultural Variety: Momentum of Revival"
April 15 - 18, 2009, Seoul, Korea

Contents
01 Congress Schedule
02 Venue Layout
04 Program at-a-Glance
07 Welcome Address
10 AOCCN Committees
11 Sponsors
12 General Information
17 Daily Activities
18 - April 15
18 - April 16
21 - April 17
24 - April 18
27 Posters
43 Exhibitors

Congress Schedule

<table>
<thead>
<tr>
<th>April 15 (Wed)</th>
<th>April 16 (Thu)</th>
<th>April 17 (Fri)</th>
<th>April 18 (Sat)</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Opening Ceremony</td>
<td>Meet the Experts</td>
<td>Meet the Experts</td>
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<tr>
<td>09:00</td>
<td>Registration (08:00-18:30)</td>
<td>Plenary Lecture 1</td>
<td>Plenary Lecture 2</td>
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<tr>
<td>10:00</td>
<td>Coffee Break</td>
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<tr>
<td>11:00</td>
<td>Lunch 1</td>
<td>Lunch 2</td>
<td>Lunch 3</td>
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<tr>
<td>12:00</td>
<td>Symposium 1</td>
<td>Symposium 2</td>
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<td>Symposium 4</td>
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<td>15:00</td>
<td>Symposium 10</td>
<td>Symposium 11</td>
<td>Symposium 12</td>
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<tr>
<td>16:00</td>
<td>Workshops 1-5</td>
<td>Workshops 6-10</td>
<td>Workshops 11-15</td>
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<tr>
<td>17:00</td>
<td>Platform 1-5</td>
<td>Platform 6-10</td>
<td>Platform 11-15</td>
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<tr>
<td>18:00</td>
<td>Registration (08:00-18:30)</td>
<td>Poster &amp; Exhibition (09:00-18:30)</td>
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<tr>
<td>19:00</td>
<td>Welcome Reception (Invited only)</td>
<td>Gala Dinner</td>
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<td>Time</td>
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<td>08:00–08:30</td>
<td>Registration</td>
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<td>08:30–09:00</td>
<td>Opening Ceremony</td>
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<td>09:00–10:00</td>
<td>Plenary Lecture 1, Shin Joong Oh (USA)</td>
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<td>10:00–10:30</td>
<td>Coffee Break</td>
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<td>10:30–12:00</td>
<td>Symposium 1, Electromyography: Pitfalls and Pearls</td>
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<td>10:30–12:00</td>
<td>Symposium 2, Magnetoencephalography in Epilepsy</td>
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<td>10:30–12:00</td>
<td>Symposium 3, Vestibular Evoked Myogenic Potentials</td>
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<td>10:30–12:00</td>
<td>Workshop 1, Polysomnography</td>
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<td>12:00–14:00</td>
<td>Luncheon</td>
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<td>14:00–15:30</td>
<td>Platform 1, Electrophysiological Techniques for Evaluating Neuromuscular Disorders</td>
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<td>14:00–15:30</td>
<td>Platform 2, EEG, MEG and Epilepsy</td>
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<td>14:00–15:30</td>
<td>Workshop 2, Transcranial Doppler Sonography</td>
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<td>14:00–15:30</td>
<td>Workshop 3, Evoked Potentials</td>
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<td>15:30–16:00</td>
<td>Coffee Break</td>
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<td>16:00–17:30</td>
<td>Symposium 4, Clinical Evaluation and Management of Spasticity</td>
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<td>16:00–17:30</td>
<td>Symposium 5, Paradigm of Insomnia</td>
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<td>16:00–17:30</td>
<td>Symposium 6, Intraoperative Monitoring</td>
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<td>16:00–17:30</td>
<td>Workshop 4, Transcranial Magnetic Stimulation</td>
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<td>17:30–18:30</td>
<td>Talking Poster 1 (PO1–PO6)</td>
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* Poster Presentation: Grand Hall 1(09:00–18:30)  
* Exhibition: Vista Hall Lobby & Grand Hall 1(09:00–18:30)  
* AOCCN Delegate Meeting: Daffodil(12:00–14:00)
Dear Colleagues and Friends,

On behalf of the organizing committee, it is my great honor and pleasure that you have participated in the 2009 Asian and Oceanian Congress of Clinical Neurophysiology.

Recently in the Asia-Oceania region, specialists in the area of neuroscience have been making great progress on a daily basis through academic research, which began in an attempt to study and evaluate the biological functions of the nervous system. As a fellow researcher in the field of clinical neurophysiology, I cannot express how pleased I am with the current progress we have achieved.

I am very pleased and deeply honored to have some of the greatest researchers of clinical neurophysiology join us here in Seoul for the 2009 AOCCN. I believe this congress will be an excellent opportunity for all of our participants to share with world renowned scholars the most up-to-date findings and information, related issues, and tasks that we all need to overcome together with the help of each other. I am also certain that the 2009 AOCCN will be a great place for all of us to further expand our personal networks as well. To help make all of this happen, the organizing committee has prepared an array of academic programs, as well as a variety of entertaining social programs that everyone can enjoy. I hope that everyone attending the congress will make sure to join us for all of the exciting academic and social programs that the organizing committee has arranged, to help make them even more fulfilling for everyone attending.

The organizing committee will do the best to ensure each and every participant experiences no difficulties throughout the congress, and we hope that all of our participants will be able to return home with new knowledge and great memories. We also hope that the new networks we create during the congress will last for years to come and provide each other with more ideas and resources to drive our research towards a successful future.

Thank you.

Kwang-Woo Lee, MD, PhD
Chairman, Organizing Committee
Welcome Address

Dear Friends,

Welcome everyone to Seoul! The history of clinical neurophysiology meetings in Asia-Oceania goes back to 1987 when Professor John Desmedt and our Thai colleagues organized the first Evoked Potential Symposium in Bangkok, and the first Chapter meeting was held in Beijing in September 1996.

As you may already know, the IFCN holds International Congresses every four years, and we also have Chapter meetings in-between. The second Chapter meeting was held in Manila in January 2000, followed by the third in Chiangmai in February 2005, and this meeting will be the fourth. Since the last Chapter meeting in Chiangmai, the Clinical Neurophysiology Society of Singapore and the Clinical Neurophysiology Section of the Malaysian Society of Neurosciences have joined the IFCN, and now the Asia-Oceania Chapter is comprised of 11 member societies. On behalf of the IFCN, we are most pleased to see the steady growth of clinical neurophysiology in the Asia-Oceania region.

After looking over the scientific program of this year’s congress, I would like to congratulate and thank the local organizing committee led by my friend, Professor Kwang-Woo Lee and our Korean colleagues, for organizing this meeting of such high scientific standards. In view of the current worldwide economic crisis, I can hardly imagine how they could have managed all these wonderful arrangements for this meeting. The IFCN Executive Committee is extremely pleased to be able to support this meeting not only financially, but also by our active participation in the scientific sessions, as well as in the social activities.

In the past few years, we have been very impressed by a rapidly increasing number of scientific papers of high quality, published from the Korean Society in prestigious international journals, and I am sure this will be an extremely important opportunity for all the participants to exchange this scientific information of mutual interest.

I hope this meeting will contribute to the further advancement of clinical neurophysiology in the Asia-Oceania region. Please enjoy the pleasures of the capital city of Korea, from its modernized luxuries to its elegant traditional culture.

Thank you.

Hiroshi Shibasaki, MD, PhD
President, IFCN

Welcome Address

Dear Colleagues

It is an honor for the Korean Society for Clinical Neurophysiology to be hosting such a grand international congress here in Seoul. On behalf of all the members of our society, I welcome everyone here today.

With the help of computers and bio-engineering, development in the field of clinical neurophysiology has been propelled forward, and in compliance with the expanding diversity of neurology, we will continue to accumulate the newest information and knowledge as it unfolds. We will also utilize international conferences to increase our global network and initiate academic exchange.

The Korean Society for Clinical Neurophysiology hope that the 2009 AOCCN will be a stepping stone for each of the participants joining us in Korea in achieving success. I also hope that along with the IFCN, all of the respective societies from each and every country in the Asia-Oceania region will exchange collaborations to mutually develop with the cooperation from one another.

I promise that I will do my best to ensure all of the participants of this year’s AOCCN will have a comfortable and enjoyable experience.

Thank you.

Juhan Kim, MD, PhD
President, KSCN
AOCCN Committees

Organizing Committee
- Chairman: Kwang-Woo Lee (Seoul National University)
- Advisers:
  - Sang Bok Lee (Honorable Professor, Seoul National University)
  - Myung Ho Kim (Honorable Professor, Hanyang University)
  - Il Saing Choi (Honorable Professor, Yonsei University)
  - Chung Kyu Suh (Kyungpook National University)
- Secretary General: Juhan Kim (Hanyang University)
- Executive Secretary: Seung H. Kim (Hanyang University)
- Treasurer: Joo Soo Kim (Seoul National University)
- Promotion Chair: Soochul Park (Yonsei University)
- Liaison Officer of KSCN: Seong Ho Park (Seoul National University)
- Social Chair: Kwang Kuk Kim (University of Ulsan)
- Scientific Chair: Jae Moon Kim (Chungnam National University)
- Scientific Members:
  - Dong Kuck Lee (Catholic University of Daegu)
  - Sang Ahm Lee (University of Ulsan)
  - In Soo Joo (Ajou University)
  - Young H. Sohn (Yonsei University)
  - Kyoung-Min Lee (Seoul National University)
  - Dae-Won Seo (Sungkyunkwan University)
  - Yong-Seok Lee (Seoul National University)
  - Chang-Ho Yun (Inha University)
  - Jee Hyun Kim (Dankook University)
  - Yoon-Ho Hong (Seoul National University)

International Federation of Clinical Neurophysiology
- President: Hiroshi Shibasaki (Kyoto University, Japan)
- Past-President: François Mauguière (University of Lyon 1, France)
- Treasurer: Andrew Eisen (University of British Columbia, Canada)
- Secretary: Reinhard Dengler (Hannover Medical School, Germany)
- Editor-in Chief: David Burke (The University of Sydney, Australia)
- Member-at-large: Daniel M. Cibils (Universidad de la Republica, Uruguay)
  - Kerry Mills (King’s College Hospital, U.K.)

Asian-Oceanian Chapter of IFCN
- President: Rawiphan Witoonpanich (Ramathibodi Hospital, Thailand)
- Secretary / Treasurer: Kwang-Woo Lee (Seoul National University, Korea)

International Advisory Committee
- John Dunne (Royal Perth Hospital, Australia)
- Liying Cui (Peking Union Medical College Hospital, China)
- M. Veerendrakumar (National Institute of Mental Health and Neurosciences, India)
- Bob Santoso Wibowo (University of Indonesia, Indonesia)
- Rysuke Kagigi (National Institute for Physiological Sciences, Japan)
- Juhan Kim (Hanyang University, Korea)
- Emmanuel G. Eduardo (Capitol Medical Center, Philippines)
- Einar Wilder-Smith (National University Hospital, Singapore)
- Chin-Chang Huang (Chang Gung Memorial Hospital, Taiwan)
- Prasert Boongrit (Ramathibodi Hospital, Thailand)
- Khean-Jin Goh (University of Malaysia Medical Center, Malaysia)

Sponsors

Platinum
- Myung in Pharm Co., Ltd.
- Bayer Schering Pharma
- Boryung Co., Ltd.
- Daewoong Co., Ltd.
- Ildong Pharmaceutical Co., Ltd.
- Korean Drug Co., Ltd.
- SK Chemicals

Gold
- Bukwang Pharm Co., Ltd.
- ChoDang Pharm Co., Ltd.
- Greencross Corp.
- Janssen Korea Ltd.
- Novartis Korea
- Pfizer Pharmaceuticals Korea Ltd.
- Sanofi-Aventis Korea
- UCB Corp.
General Information

Registration
Registration will be available on April 15-18 at the Vista Hall Lobby (B2).
- April 15(Wed), 16:00~19:00
- April 16(Thu)~17(Fri), 08:00~18:30
- April 18(Sat), 08:00~12:00

<table>
<thead>
<tr>
<th>Category</th>
<th>On-site Registration</th>
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<tbody>
<tr>
<td>Regular Participant</td>
<td>USD 275</td>
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<tr>
<td>Physician-in-training / Student</td>
<td>USD 150</td>
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<tr>
<td>Accompanying Person</td>
<td>USD 100</td>
</tr>
<tr>
<td>Gala Dinner</td>
<td>USD 20</td>
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</table>

The registration fee includes:

Official Language
English is the official language of AOCCN 2009. Interpretation will not be provided.

Oral Presentation & Preview Room
- All speakers are requested to submit their presentation files at the Preview Room (Ida Room, B1) at least 4 hours prior to their sessions.
- IBM Computers with Window XP and MS office 2003 in English version will be provided.
- Using a Mackintosh computer with our beam projector, could have some technical problems. So we kindly ask you to use IBM computer for your safe presentation.

Poster Presentation
- Posters will be displayed in the Grand Hall 1 on April 16 and 17 from 09:00 to 18:30.
- Posters should be installed by 08:40 and dismantled after 18:30 at the date.
- All poster presenters are encouraged to stand by their posters for discussion with participants from 17:30 to 18:30.

Opening Ceremony
- Time/Date: 08:30~09:00 / April 16(Thu), 2009
- Venue: Vista Hall 1, 2(B2)
- Many honorable speakers including the Mayor of Seoul Metropolitan Government will deliver welcome and congratulatory addresses. Please attend this ceremony.

Gala Dinner
- Time/Date: 18:30~20:00 / April 17(Fri), 2009
- Venue: Mungunghwa Hall(1F)
- Fee: $20
- Do not miss the special experience to meet many participants from all over the world over a delicious dinner and unique Korean traditional performances.
- Introduction of Performance: The Little Angels

The Little Angels started with about 30 members, who traveled all around the world, presenting the beautiful culture and arts inherited from their ancestors throughout the past 5,000 years. Currently the Little Angels has about 150 members, dedicated and spirited young ladies aged from seven to fifteen who have been especially selected and trained in the Korean folk arts.

Luncheon
Congress will provide you a lunch box (April 16, 17) during Luncheon Symposia. Please use your coupons in the nametag to enter each Luncheon Symposium.

Tour
The Organizing Committee provides a free Seoul City Tour to all registered participants. Those who want to join the tour, please fill up the application form and submit it to the tour desk by April 17(Fri) 10:30 am. It might be closed early on the basis of first come first served. (Maximum 90 Registrants)

<table>
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<tr>
<th>Date/Time</th>
<th>Course</th>
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<tbody>
<tr>
<td>April 18(Sat), 13:00~18:30</td>
<td>Taekwondo Demonstration at Gyeonghuigung Palace → Gyeongbokgung Palace &amp; The National Folk Museum → Insadong Antique Alley → Walkerhill Hotel</td>
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Coffee Break
Coffee and tea will be served in Vista Hall (B2) and Grand Hall (B1), where the exhibition will be held.

Internet Lounge
Internet lounge will be located at Vista Hall Lobby (B2) during the congress period. All participants can use the computers and internet from 09:00 to 18:30.

Baggage Room
You can store your luggage in the Cloak Room (B2), April 16–18, 08:00–18:00.

Information Desk
You can get the general information about the congress at Ida Room Lobby (B1) and Mungunghwa Hall Lobby (1F), April 16–18, 09:00–18:00.

Certificate of Attendance
All participants will be provided a certificate of attendance on April 17 at the registration desk.

Conference Secretariat
During the Conference: Ida Room(B1), April 15–18, 08:00–19:00
Tel: +82-2-450-4979
After the Conference: People-X, Inc.
1F Haeoreum Bldg, 748-5 Yeoksam-dong, Gangnam-gu, Seoul 135-080, Korea
Tel: +82-2-566-6067 Fax: +82-2-566-6087 Email: pco1@people-x.com

Local Transportation
- Taxi
There are two kinds of taxis - general taxis and deluxe taxis. Vacant taxis have indicator lamps on, in front of assistant driver seat and on the roof. Translation service is available and a receipt will be issued upon your request.
- Subway
Seoul’s subway system consists of 9 lines and the color-coded subway lines are easily recognizable. A subway map is usually located at the ticket window.

On-site Registration

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General Information

**Shuttle**
Complimentary shuttle service is provided as below:
1) Hotel → Subway Stations
   - Departure: in front of Sheraton Grande Walkerhill
   - Operation: at intervals of 20 minutes from 06:00 to 21:20
   - Route: Walkerhill Hotel → Gwang Naru Station (Subway Line no. 5) → Gang Byeon Station (Subway Line no. 2) → Walkerhill Hotel
2) Hotel → Gangnam Course
   - Departure: in front of Sheraton Grande Walkerhill
   - Operation: 08:00, 11:30, 14:30, 18:30 (Monday thru Friday) 4 times a day
   - Route: Walkerhill Hotel → Cheongdam Station (GE Building) → Samsung Station (COEX Bus Stop) → Posco (In front of Starbucks, across from Posco) → Seolleung Station (In front of Kyowon-nara Federation of Savings Bank) → Yeoksam Station
* The shuttle is only available for pick up and drops off at the designated station.

**Transportation to Incheon Int’l Airport**
- **KAL Limousine Bus (Non-Stop)**
  It operates between the hours 05:00 and 18:50 at an interval of 20~25 mins. (Fare: KRW 14,000/ Information: +82-2-450-4669)
- **Taxi**
  Taxi is also available from hotels to Incheon International Airport and the fare will be approximately 90,000 won (USD 70) for general taxi. Tollgate fee will be added. It takes approximately 90 minutes depending on the traffic.

**Currency**
Korea’s currency is called "Won(W)". Coins come in denominations of W10, W50, W100, and W500 and notes come in denominations of W1,000, W5,000 and W10,000. 1 USD is approximately W1,350 as of April 2009. Money can be exchanged in most banks and hotels. Major credit cards are accepted in most restaurants and hotels.

**Business Hour**
Government offices open between the hours of 09:00 and 18:00 weekdays and 09:00 and 13:00 on Saturday. Most private businesses open any time from 08:30 to 10:00 and close at 18:00. Business hours of banks are from 09:00 to 16:00 on weekdays only.

**Climate**
Korea enjoys four seasons with different types of weather: spring, summer, autumn and winter. Average temperature of Seoul in April is around 12.9˚C, and the average rainfall is around 27mm.

**Tipping & Tax**
Tipping is not customary in Korea. Sometimes, expensive restaurants and luxury hotels may add a service charge of 10%. Thus, you do not necessarily have to prepare for extra charges since it will be included in the bill. Value-added Tax (VAT) is levied on most goods and services at a standard rate of 10% and is included in the retails price.
Daily Activities

2009 Asian and Oceanian Congress of Clinical Neurophysiology
April 15, Wednesday

18:30-20:00 Welcome Reception (Invited Only)
Art Hall (4F)

April 16, Thursday

08:30-09:00 Opening Ceremony
Vista Hall1+2 (B2)
08:30 Opening Address
- Kwang-Woo Lee (Chairman, Organizing Committee, Korea)
08:35 Welcome Address
- Se-hoon Oh (Mayor, Seoul Metropolitan Government, Korea)
08:40 Congratulatory Address
- Hiroshi Shibasaki (President, IFCN, Japan)
08:45 Congratulatory Address
- Seong-Deok Kim (President, Korea Academy of Medical Sciences, Korea)

10:30-12:00 Symposium 1: Electromyography: Pitfalls and Pearls
Vista Hall 1 (B2)
Chair: Chung Kyu Suh (Kyungpook National University, Korea)
Ching-Piao TSAI (National Yang-Ming University, Taiwan)
10:30 Pitfalls and Pearls in Nerve Conduction Study and Needle EMG
- Shin J. Oh (USA)
11:00 Late Responses and Reflexes
- Jun Kimura (USA)
11:30 Clinical Application of Repetitive Nerve Stimulation Test
- Il-Nam Sunwoo (Korea)

10:30-12:00 Symposium 2: Magnetoencephalography in Epilepsy
Grand Hall 2+3 (B1)
Chair: Chun Kee Chung (Seoul National University, Korea)
Lin Yang Yang (National Yang-Ming University, Taiwan)
10:30 Neurophysiologic Basis and Clinical Application of Magnetoencephalography
- Hyeon Mi Park (Korea)
11:00 Use of MEG for Presurgical Evaluation of Epilepsy
- Hiroshi Shibasaki, Takashi Nagemine, Akio Ikeda (Japan)
11:30 MEG Brain Mapping of Language and Sensorimotor Functions
- Chun Kee Chung (Korea)

10:30-12:00 Workshop 1: Polysomnography
Presidio (2F)
Chair: Kwang-Woo Lee (Seoul National University, Korea)
10:30 Physiology and Recording Methods of Vestibular Evoked Myogenic Potential
- James G. Colebatch (University of New South Wales, Australia)
11:00 Clinical Application of Vestibular Evoked Myogenic Potentials in Peripheral Vestibular Disorders
- Ja-Won Koo (Korea)
11:30 Clinical Application of Vestibular Evoked Myogenic Potential in Central Vestibular Disorders
- Ji Soo Kim (Korea)

12:00-15:30 Plenary Lecture 1
Vista Hall 1+2 (B2)
Chair: Kwang-Woo Lee (Seoul National University, Korea)
On-Nerve Needle Nerve Conduction Study: Histological Basis of NCS, Conversion Factor, and its Clinical Relevance
- Shin J. Oh (The University of Alabama, USA)

14:00-15:30 Platform 1: Electrophysiological Techniques for Evaluating Neuromuscular Disorders
Vista Hall 1 (B2)
Chair: Dong Kuck Lee (Daegu Catholic University, Korea)
Rawiphan Witoonpanich (Mahidol University, Thailand)
14:00 Enhanced Gain of Blink Reflex Responses to Ipsilateral Supraorbital Nerve Afferent Inputs and Other Clinical Prognostic Factors for Outcome of Facial Neuropathy
- Jong-Un Chun, Gun-Sei Oh, Soo-Joo Lee, Bo-Ram Lee, Soo-Jin Yoon (Korea)
14:15 Hand Anthropometry, Assessment Questionnaire and Severity Degree of Carpal Tunnel Syndrome. Is There Any Correlation between Them?
- Roxantin Utami, Asriningrum, J. Eko Wahono, M. Hasan Machfoed, Mudjiani Basuki (Indonesia)
14:30 How Many Motor Unit Potentials to Sample in Diagnostic Needle EMG?
- L.K. Prashanth, M. Veerendrakumar, D.K. Subbukrishna, N. Gayathri (India)
14:45 Usefulness of Autonomic Function Tests for Evaluation of Neurocardiogenic Syncope
- Eun-Ok Ha, Ki-Jong Park, Sunhye Kim, Heeyoung Kang, Kysik Kang, Nack-Been Choi, Oh-Young Kwon, Byeong Hoon Lim (Korea)
15:00 Far-Field Potentials (FFPs) Contaminating Ulnar CMAPs: Investigation from the 2l/Io Method
- Katsumi Kurokawa, Masahiro Sonoo, Manj Higashihara, Hiroko Kurono, Yuki Hatanaka, Teruo Shimizu (Japan)
15:15 Somatosensory Evoked Potentials as a Predictor for Functional Recovery of the Upper Limb in Patients with Stroke
- Mohammed A.W. Al-Rawi, Faraad B. Hamdan (Iraq), A. Kareem Abdul-Multalib (Jordan)
14:00-15:30 Platform 2: EEG, MEG and Epilepsy  
Vista Hall 2 (B2)

Chair: Sang Ahn Lee (University of Ulsan, Korea)
Kiyohito Terada (National Epilepsy Center, Japan)

14:00 Earlier Acoustic Priming Enhanced Spontaneous Seizures/ARS in NER
- Ju-Young Oh, Hee-Dong Park, So-Hee Kang, Jae-Moon Kim (Korea)

14:15 Phase Synchronization between Temporal and Frontal Activations to Regular and Deviant Auditory Stimuli
- Yung-Yang Lin, Fu-Jung Hsiao, Kwong-Kum Liao, Zin-An Wu, Low-Tone Ho (Taiwan)

14:30 Seizure Clustering During VEEG Monitoring in Patients with Intractable Epilepsy, its Localizing Value and Predictors
- Manjari Tripathi, Padma Vasanth, Rameshwar Prasad, Rohit Bhatia, Mamta Singh, Pavan Singh (India)

14:45 Features and Outcome of New-Onset Seizures in Post-Liver Transplant Children
- Armi Grace Laino, Hian Tat Ong (Singapore)

15:00 Prognostic Value of Intercital Epileptiform Discharges and Acute Electrocoorticogram in Pediatric Resective Epilepsy Surgery
- K.N. Ramesha, Kurupath Radhakrishnan, Sankara P. Sarma (India)

15:15 Minimum Norm Estimation Analysis of Intercital Epileptic Discharges in MEG: A Comparison with ECoG Findings

14:00-15:30 Workshop 2: Transcranial Doppler Sonography  
Calla (1F)

TCD Diagnosis of Intracranial Stenosis: Technique and Interpretation
- Yong-Seok Lee (Korea)

Transcranial Doppler Ultrasonography: Examination Techniques and Clinical Applications
- Disya Ratanakorn (Thailand)

Transcranial Doppler Sonography
- Jun Hong Lee (Korea)

14:00-15:30 Workshop 3: Evoked Potentials  
Presidio (2F)

Face Recognition-Related Potentials: EEG, MEG and NIRS Studies
- Ryusuke Kakiuchi (Japan)

16:00-17:30 Symposium 4: Clinical Evaluation and Management of Spasticity  
Vista Hall 1 (B2)

Chair: Il-Yung Lee (Ajou University, Korea)

16:00 Pathophysiology and Measurement of Spasticity
- Lawrence K.S. Wong (Hong Kong)

16:30 Comprehensive Management of Spasticity
- Moon Suk Bang (Korea)

17:00 Therapeutic Approaches to Spasticity
- Ryuji Kaji (Japan)

April 17, Friday

08:00-09:00 Meet the Expert 1: Diagnosis of Small Fibre Neuropathy  
Great 1 (2F)
- Einar P. Wilder-Smith (National University Hospital, Singapore)

08:00-09:00 Meet the Expert 2: Diagnosis and Classification of Motor Neuron Diseases  
Great 2 (2F)
- Reinhard Dengler (Hannover Medical School, Germany)

08:00-09:00 Meet the Expert 3: Localizing the Epileptogenic Zone before Epilepsy Surgery: Multiple Visions of a Single Challenge  
Great 3 (2F)
- François Mauguière (University of Lyon 1, France)

08:00-09:00 Meet the Expert 4: Neurophysiology of Movement Disorders  
Presidio (2F)
- Mark Hallett (NINDS, NIH, USA)

09:00-10:00 Plenary Lecture 2  
Vista Hall 1+2 (B2)

Chair: Juhan Kim (Hanyang University, Korea)
Multimodal Approach for Human Brain Mapping
- Hiroshi Shibasaki (Kyoto University and Takeda General Hospital, Japan)

10:30-12:00  Platform 3: Peripheral Neuropathy and Motor Neuron Disease  Vista Hall 1 (B2)
Chair: In Soo Joo (Ajou University, Korea)
Satoshi Kuwabara (Chiba University, Japan)

10:30  The Spectrum of Guillain Barré Syndrome in a Malaysian Population
- Herliyani Khosama, Khean-Jin Goh, Chong-Tin Tan (Malaysia)

10:45  Prevalence of Neuropathy in Prediabetic Subjects Using Various Electrophysiological Techniques
- S. Saigai, P.V. Rao, A. Usha, R. Borghain, A.K. Meena (India)

11:00  Incidence of Critical Illness Polynuromyopathy in the Intensive Care Units of a Tertiary Care Institution in India
- Mathew Alexander, Kurian Koshy (India)

11:15  Combined Doppler and B-Mode Sonography in Carpal Tunnel Syndrome
- I. Vijayan, A.K. Therimadasamy, Y.C. Chan, Einar P. Wilde-Smith (Singapore)

11:30  Clinical Characteristics of Generalized MuSK Antibody-Positive and -Negative Myasthenia Gravis Patients
- Kwang Kuk Kim, Young-Min Lyn, Eugene Lee (Korea)

11:45  Difference of Small Hand Muscle Involvement in Amyotrophic Lateral Sclerosis and Hirayama Disease
- Kai Qiao, Yin-yin Zhao (China)

10:30-12:00  Platform 4: Transcranial Magnetic Stimulation  Vista Hall 2 (B2)
Chair: Young H. Sohn (Yonsei University, Korea)
Daniel M. Cibils (Universidad de la Republica, Uruguay)

10:30  Facilitation of F-waves by Transcranial Magnetic Stimulation
- Seiji Etoh, Ryoji Nakanishi, Kyohei Takahashi, Fumitomo Iwanaga, Shuji Matsumoto, Megumi Shimodozono Atsuo Maniyama, Kazumi Kawahara (Japan), John C. Rothwell (UK)

10:45  Simultaneous Repetition of Unrelated Finger Movements Disturbs Surround Inhibition in the Motor System
- Suk Yun Kang, Hae-Won Shin, Young H. Sohn (Korea)

11:00  Interhemispheric Transfer of PAS-Induced Plasticity in the Motor Cortex
- Hae-Won Shin, Young H. Sohn (Korea)

11:15  Motor Symptom Improvements Induced by Repetitive Transcranial Magnetic Stimulation in Patients with Multiple System Atrophy
- Han Wang, Zeyu Ding, Wei-hai Xu, Hua Du, Liying Cui, Xiaofu Tang (China)

11:30  Altered Cortical Excitability in Patients with Charcot-Marie-Tooth Disease Combined with Restless Legs Syndrome
- Mi-Na Lee, Jin Hoon Kim, Hyun Kyung Kim, Ji Young Chang, Sun Young Choi, Byung Ok Choi, Hyang Woong Lee (Korea)

11:45  Effects of Pretreatment with Low-Frequency Repetitive Transcranial Magnetic Stimulation on Expressions of Hippocampus GAD65 and NMDAR1 in Rats with Pilocarpine-Induced Seizures
- Xiao-Ming Wang, Ji-Ming Yu, Jun-Qiang Zhang (China)

10:30-12:00  Workshop 5: Recording of Eye Movements  Calla (1F)
Recording of Eye Movements
- Ji Soo Kim (Korea)
April 18 Saturday

08:00-09:00 Meet the Expert 5: Ocular Motility Disorders: Video Presentation - Ji Soo Kim (Seoul National University, Korea)

08:00-09:00 Meet the Expert 6: Muscle Fiber Excitability Measurement and its Clinical Utility - Kerry R. Mills (King’s College London, UK)

08:00-09:00 Meet the Expert 7: Optimizing Therapeutics for Multiple Sclerosis Patients - Ariel Miller (Carmel Medical Center, Israel)

08:00-09:00 Meet the Expert 8: FAQs and Reference - Michael Perlis (University of Pennsylvania, USA)

09:00-10:00 Plenary Lecture 4 Chair: Seung Hyun Kim (Hanyang University, Korea)

ALS: A Failure of Neocortical Circuitry - Andrew Eisen (University of British of Colombia, Canada)

10:30-12:00 Symposium 10: Advances in Diagnosis and Treatment of Neuromuscular Junction Disorders Chair: Il-Nam Sunwoo (Yonsei University, Korea)

M. Veerendrakumar (National Institute of Mental Health and Neuro Sciences, India)

10:30 Electrophysiology of Neuromuscular Junction Disorders - Rawiphan Witoonpanich (Thailand)

11:00 Ocular Myasthenia in Korea - Yoon-Ho Hong (Korea)

11:30 Single Fiber EMG in the Diagnosis and Differential Diagnosis of Neurogenic Disorders - Liying Cui, Mingsheng Liu, Xiaofu Tang, Xiaoguang Li, Benhong Li, Hua Du (China)
Posters

2009 Asian and Oceanian Congress of Clinical Neurophysiology
April 16, Thursday

Grand Hall 1 (09:00~18:30)

PO1: Nerve Conduction Studies

PO1.1 The Utility of Inching Technique in Diagnosis of Motor Nerve Conduction Block
- Mingsheng Liu, Lyong Cui, Xiaofu Tang, Xiaoguang Li (China)

PO1.2 Compression on the Spinal Nerve Root, Magnetic Resonance, Electroneurography and Microcirculation of the Upper Limb
- Béla Hegedüs, Mihály Gervain, Péter Mayer, Márti Gálfi (Hungary)

PO1.3 The Utility of Statistical Motor Unit Number Estimation in Motor Neuropathy
- Mingsheng Liu, Lyong Cui, Xiaofu Tang, Xiaoguang Li (China)

PO1.4 Comparison of Muscles in Response to Repetitive Nerve Stimulation in Myasthenia Gravis
- Manosoreh Mamarabadi, Mehdi Moghaddasi (Iran)

PO1.5 Medial Plantar Sensory Nerve Conduction Studies in Diabetics; Comparisons of Three Different Methods
- Hyuk Hwan Kwon, Dong Kuck Lee, Jung Im Seok, Woo Ho Han (Korea)

PO1.6 Phrenic Nerve Function in Patients with Vasculitic Syndrome
- Hisashi Ito, Terunori Sano, Tetsumasa Kamei (Japan)

PO1.7 Characteristics of Nerve Conduction Findings in Kennedy's Disease
- Young-Eun Park, Dae-Seong Kim (Korea)

PO1.8 Vibration to the Achilles Tendon Reduces the Size of S1 Nerve Action Potential from Tibial Nerve Stimulation in Human
- Dong-qing Zhu, Yu Zhu, Chao-jun Zheng, Xiang Jin, Kai Qiao, Jian-guang Xu (China)

PO1.9 Biceps Femoris H-Reflex to S1 Nerve Root Stimulation
- Chao-jun Zheng, Yu Zhu, Xiang Jin, Dong-qing Zhu, Kai Qiao, Jian-yuan Jiang (China)

PO1.10 Radial Nerve Conduction Studies: Normative Values in 440 Nerves in 220 Healthy Indian Subjects
- M.M. Mehndiratta, A. Batla, S. Mishra, G.A. Khwaja, S. Pandey, R. Garg (India)

PO1.11 Normative Data of Nerve Conduction Studies in 440 Nerves (220 Healthy Indian Subjects) from University Hospital, North India
- M.M. Mehndiratta, S. Mishra, G.A. Khwaja, S. Pandey, A. Batla, R. Garg (India)

PO1.12 Comparative Study of Nerve Conduction Parameters in Healthy Indian Males and Females
- M.M. Mehndiratta, S. Mishra, G.A. Khwaja, S. Pandey, A. Batla, R. Garg (India)

PO1.13 Motor Nerve Conduction Study of the Anterior Interosseous Nerve: Normative Data in the Korean Population
- Chang Hye Yoon, Jung Im Seok, Dong Kuck Lee (Korea)

PO1.14 Origin of the Premotor Potentials Preceding APB and Second Lumbrical CMAPs
- Masayuki Ohta, Matsurito Sonoo, Katsumi Kurokawa, Teruo Shizuki, Norio Suzuki (Japan)

PO1.15 The Changes in the Mixed Nerve Conduction with Age in the Medial and Lateral Plantar Nerves
- Kyung Seok Park, Beom Joon Kim, Se Ho Oh, Yoon-Hong Hong, Seong-Ho Park, Kwangs-Woo Lee (Korea)

PO1.16 Origin of the Far-Field Potentials (FFPs) in the Ulnar-Nerve Compound Muscle Action Potential (CMAP)
- Masahiro Sonoo, Mana Higashihara, Katsumi Kurokawa, Teruo Shizuki (Japan)

PO1.17 Distal Latency to Second Lumbrical as a Measurement of Severe Carpal Tunnel Syndrome
- Kithori Dedduwa Pathiram, Sudheera Sammanthi Jayasinghe, Sujeewa C. Atapattu, Hiruni Chandrasena, Chathrika Kodippil (Sri Lanka)
**Posters April 16, Thursday**

**PO3.3** Analyzing the Features of Contact Heat Evoked Potentials in 40 Diabetic Patients  
- Zhecheng Zhang (China)

**PO3.4** Contact Heat Evoked Potentials in Patients with Amyotrophic Lateral Sclerosis  
- Yingsheng Xu, Juyang Zheng, Jun Zhang, Dongsheng Fan (China)

**PO3.5** Digital Nerve Somatosensory Evoked Potentials are not Affected after C7 Nerve Surgical Transection in Humans  
- Jian-guang Xu, J.Z. Lu, Xiang Jin, L. Xu, Dong-qing Zhu, Yu Zhu (China)

**PO3.6** Usefulness of Lateral Femoral Cutaneous Nerve Somatosensory Evoked Potentials in Meralgia Parasthetica  
- Vajira Weerasinghe, Nimal Senanayake (Sri Lanka)

**PO3.7** Quadrieps Muscle Evoked Cerebral Potentials from Magnetic Stimulation in Human  
- Xiao-xia Zhu, Yu Zhu, Dong-qing Zhu, Kai Qiao, He-jian Zou (China)

**PO3.8** Giant Cortical Somatosensory Evoked Potentials in Patients with Non-Epileptic Disorders  
- Fan Jian, Hua Pan, Lei Zhang, Na Chen, Qing Wu (China)

**PO3.9** Electrophysiological Diagnosis of Arachnoid Cyst in Thoracic Vertebrae by MEP  
- Reiko Fujisawa, T. Saito, T. Adachi (Japan)

**PO3.10** Electrophysiological and Contrast Sensitivity Evaluation of Visual Function in Insulin Dependent Diabetes Mellitus  
- Karkal Ravishankar Naik, Onkarappa Saroja Aralikatte, Kotrappa Belluli Rekha, Harishkumar Narasimhamurthy (India)

**PO3.11** Comparison between Median and Tibial Nerve Somatosensory Evoked Potentials (SEPs) in Patients with High Cervical Dorsal Column Lesions  
- Hiroiuki Fukuda, Masahiro Sonoo, Mana Higashihara, Ichiro Imafuku, Teruo Shimizu (Japan)

**PO3.12** Application of Somatosensory Evoked Potentials at the Intervertebral Disk’s Hernias on Lumbo-Sacral Osteochondrosis  
- Zufer A. Adambaev, Otakhon A. Matchanov, Bektzod A. Rahimkulov (Uzbekistan)

**PO3.13** Correlation between Intracranial Pressure and Visual Evoked Potential Findings in Children with Craniosynostosis  
- In Soo Joo, Seung-Hyeon Yeo, Wen-Yu Li (Korea)

**PO3.14** Effects of Corollary Discharge on Auditory N1 Component of Event-Related Potentials in Healthy Subjects  
- Akira Iwamani, Yuka Okajima, Nobumasa Kato (Japan)

**PO3.15** Auditory N1 Component and Corollary Discharge: A Topographical Analysis  
- Akira Iwamani, Yuka Okajima, Nobumasa Kato (Japan)

**PO3.16** Evaluation of Brainstem Function in Patients with Spasmodic Dysphonia Using Vestibular Evoked Myogenic Potentials and Auditory Brainstem Responses  
- Shahraram Akrami, Amir Arvin Sazgar, Kamyar Akrami, Jalal Mehdizadeh, Azer Feizi (Iran)

**PO3.17** Somatosensory Evoked Potential from S1 Nerve Root Stimulation  
- Sung Rae Kim, So-Hyun Kim, Il-Gon Kim, Changseok Song, Yoonjae Choi, Seong Hye Choi (Korea)

**PO4.1** Cardiovascular Autonomic Dysfunction in Dementia  
- Seung Rae Koo, Ki-Gon Kim, Changseok Song, Yoonjae Choi, Seong Hye Choi (Korea)

**PO4.2** Autonomic Dysfunction in Patients with Acute Anticholinesterase Poisoning  
- Sudheera Sammanthi Jayasinghe, Kithsiri Dedduwa Pathirana (Sri Lanka)

**PO4.3** A Usefulness of Diagnostic Criteria for Diagnosis Orthostatic Hypotension  
- Hiroyuki Nodera, Ryuji Kaji (Japan), Hugh Bostock (UK)

**PO4.4** Quantitative Analysis of Autonomic Dysfunctions in Parkinson’s Disease  
- Eung Seok Oh, Ji Hee Lee, Ju Young Oh, Jae Moon Kim, Ae Young Lee, Eun Hee Sohn (Korea)

**PO5.1** Campylobacter Jejuni Infection in Guillain-Barré Syndrome. A Prospective Case Study in a Tertiary Care Hospital  
- Arvind Sharma, Vivek Lal, Sudesh Prabhakar, Chetana Vaishnavi, Dheraj Khurana, Manish Modi (India)

**PO5.2** Isolated Posterior Femoral Cutaneous Neuropathy Following Intragastric Infection  
- Sa-Yoon Kang, Jee-Eun Kim, Jae Young Lee, Ji-Hoon Kang, Jay Choi Choi, Jung Seok Lee (Korea)

**PO5.3** Cervical Rib and Median Sternotomy-Related Brachial Plexopathies: A Neuropathological Study  
- Van Tran, R. Praveen Kumar, A.S. Giri (India)

**PO5.4** The Significance of Quantitative Sensory Test in Diagnosis of Diabetic Peripheral Neuropathy  
- Zhi-rong Jia, Hong-xia Wang, Xin Shi, Wei Liang, Xiang-ru Sun, Yi-ning Huang (China)

**PO5.5** Excitability Properties Suggest Slow K+ Channel Dysfunction in a Patient with Cramp and Myokymia  
- Yoshiko Kavabata, Hiroyuki Nodera, Ryuji Kaji (Japan), Hugh Bostock (UK)

**PO5.6** Pain Tumor as a Cause of Profound Brachial Plexopathy  
- Wilawan Thirapatarapong, Gulapar Srisawasdi (Thailand)

**PO5.7** Chemotherapy-Induced Neuropathy: A Review of 33 Cases  
- Eugene Lee, Young-Min Lym, Kwang Kuk Kim (Korea)

**PO5.8** Patterns of Guillain-Barré Syndrome in South India: Clinical, Electrodiagnostic and Antiganglioside Antibody Study  
- Amrit B. Saxena, J.M.K. Murthy (India)

**PO5.9** Clinical and Electroneurophysiological Features of Painful Diabetic Peripheral Neuropathy  
- Hua Pan, Fan Jian, Yu-zhou Guan, Song-tao Niu, Na Chen, Lijing Cui (China)

**PO5.10** A Case of Complete Ophthalmplegia with the Antibody to GT1a Ganglioside  
- Mi-Young Oh, Se Ho Oh, Kyung Seok Park, Kwang-Woo Lee, Seong-Ho Park (Korea)

**PO5.11** Diagnostic Usefulness of Current Perception Threshold in Carpal Tunnel Syndrome  
- Hye Min Lee, Chang Hyo Yoon, Jung Im Seek, Dong Kuck Lee (Korea)

**PO5.12** Neuropsychologic Analysis of Acute Bells Palsy  
- Ji Hoon Yoo, Hyung Ki Hong, Dong Kuck Lee (Korea)

**PO5.13** Wrist Drop: A Clinical, Electrodiagnostic and Etiological Study from South India  
- E. Satya Surya Kiran, N. Ravi, Amrit B. Saxena, J.M.K. Murthy (India)

**PO5.14** Isolated Posterior Femoral Cutaneous Neuropathy Following Intragastric Infection  
- Sa-Yoon Kang, Jee-Eun Kim, Jae Young Lee, Ji-Hoon Kang, Jay Choi Choi, Jung Seok Lee (Korea)

**PO5.15** Insulin Resistance and Idiopathic Carpal Tunnel Syndrome  
- Asri Ningrum (Indonesia)

**PO5.16** Schwannoma and Demyelinating Peripheral Neuropathy  
- Joo Young Kwon, Ji Moo Shin, Kyu Sun Lee, Su Jin Hwang, Byung Ok Choi (Korea)
POSTERS

April 16, Thursday

POS.17 A Case of Lewis-Sumner Syndrome Showing Dramatic Response to Plasma Exchange
- Young-Eun Park, Hyun-Seok Lee, Dae-Seong Kim (Korea)

POS.18 Significance of Electrophysiology and its Correlation with Forced Vital Capacity in Predicting the Outcome in Guillain-Barre Syndrome
- A.K. Meena, V. Naveenkumar, S.A. Jabeen, M. Rukmini, S. Kaul, R. Borgohain (India)

POS.19 Brachial Plexus Neuritis and Recurrent Laryngeal Nerve Palsy
- Surasak Komonchan, Pornlert Tienjang (Thailand)

POS.20 Retrospective Study of Brachial Plexus Injured Patients at Siriraj Hospital
- Gulapar Srisawasdi, Nampen Kaewpralad (Thailand)

POS.21 Hypertrophy of Spinal Nerve Root in Chronic Inflammatory Demyelinating Polyradiculoneuropathy
- Jeong-In Cha, Su-Youn Kim, Se Ho Oh, Kyung Seok Park, Seong-Ho Park, Kwang-Woo Lee (Korea)

POS.22 Polyneuropathy Associated with Copper Deficiency after Long-Term Parenteral Nutrition
- Yoon-Ho Hong, Young Noh, Kwang-Woo Lee (Korea)

POS.23 Electrophysiology Characteristic of Critical Illness Polyneuromyopathy
- Zhecheng Zhang (China)

POS.24 Prognosis of Ulnar Neuropathy at the Elbow
- Yoon-Ho Hong, Kee-Hong Park, Kwang-Woo Lee (Korea)

POS.25 Sensory Variant Guillain-Barré Syndrome
- Heeyeong Kim, Kwang Kuk Kim (Korea)

POS.26 Characteristics of the Proximal Lower Limb MRI in Korean Charcot-Marie-Tooth Patients with Demyelinating Neuropathy and Axonal Neuropathy
- Sang-Bom Kim, Kyung-Cheon Chung, Dae-Il Chang, Kwang-Woo Lee, Seung-Min Kim, Il-Nam Sunwoo, Sun Young Cho, Su Jin Hwang, Kee-Duk Park, Kyung-Gyu Choi, Byung Ok Choi (Korea)

POS.27 A Case of Inflammatory Demyelinating Polyradiculoneuropathy Associated with Immune Mediated Thrombocytopenia and Cutaneous T-Cell Lymphoma
- Ji Hee Lee, Eung Seok Oh, Hye Soen Jeong, Jae Moon Kim, Ae Young Lee, Eun Hee Sohn (Korea)

POS.28 Martin-Gruber Anastomosis Mimicking Ulnar Neuropathy at the Elbow
- Nayoung Kim, Byung-Kun Kim, Ja-Seong Koo, Jong-Moo Park, Jung-Joon Sung, Kwang-Woo Lee (Korea)

POS.29 Hereditary Neuropathy with Liability to Pressure Palsies (HNPP) Presenting as Bilateral Foot Drop
- Hyeran Yang, Ji Soo Shin, Su Jin Hwang, Eun Kyung Choi, Byung Ok Choi (Korea)

POS.30 Carpal Tunnel Syndrome in Patients with Diabetic Polyneuropathy
- Sun-Young Kim, Da-In Lee, Chung-Kyu Suh (Korea)

POS.31 Sensory Variant of Guillain-Barré Syndrome
- Young Noh, Se Ho Oh, Su-Youn Kim, Seong-Ho Park, Kyung Seok Park (Korea)

POS.32 Pure Motor Guillain-Barré Syndrome: Electrodagnostic Features
- Yoon-Ho Hong, Mi-Young Oh, Kwang-Woo Lee (Korea)

POS.33 Site of Maximum Slowing of Sensory Nerve Conduction Velocities in Patients with Mild and Moderately Severe Carpal Tunnel Syndrome
- Kithsiri Dedduwa Pathirana, Sudheera Sammanthi Jayasinghe, Sujeewa C. Atapattu, W.A.H.S. Chandrasena, H.K.R. Chathurika (Sri Lanka)

POS.34 Different Clinical and Electrophysiological Characteristics between CMT1A and CMTX Patients
- Byung Ok Choi, Sooyeon You, Youngshin Yoon, Joo Young Kwon, Su Jin Hwang, Eun Kyung Park, Kyung-Gyu Choi (Korea)

POS.35 Chronic Inflammatory Demyelinating Polyneuropathy Associated with HIV-Infection
- Hee Young Jo, Bo-young Ahn, Se Jin Oh, Dae-Seong Kim (Korea)

POS.36 The Value of Measuring Current Perception Threshold in Diabetic Sensory Polyneuropathy with Normal Routine NCS
- Kyung Seok Park, Se Ho Oh, Su-Youn Kim, Sung-Min Kim, Yoon-Ho Hong, Seong-Ho Park, Kwang-Woo Lee (Korea)

POS.37 Plantar Nerve Study in Patients with Diabetic Sensory Polyneuropathy and Normal Routine NCS
- Kyung Seok Park, Jin-Soo Kim, Se Ho Oh, Yoon-Ho Hong, Seong-Ho Park, Kwang-Woo Lee (Korea)

POS.38 Electrophysiological Analysis between Chronic Inflammatory Demyelinating Polyradiculoneuropathy with and without Diabetes Mellitus
- Su-Youn Kim, Se Ho Oh, Kyung Seok Park, Jung-Joon Sung, Kwang-Woo Lee, Seong-Ho Park (Korea)

POS.39 Clinical and Electrophysiological Analysis of Chronic Inflammatory Demyelinating Polyradiculoneuropathy
- Su-Youn Kim, Se Ho Oh, Kyung Seok Park, Seong-Ho Park, Jung-Joon Sung, Kwang-Woo Lee (Korea)

POS.40 Cerebral Glucose Metabolism in Fisher Syndrome
- Ji Soo Kim, Seong-Hae Jeong, Hyun Seok Song, Kyung Seok Park, Yu Kyeong Kim, Sang Eun Kim, Seong-Ho Park (Korea)

POS.41 Diagnostic Significance of SNAP Amplitude in Early-Stage Diabetic Neuropathy
- Zu-Neng Lu, Juan Bi, Hong-Juan Dong, Hong Chu (China)

POS.42 Forearm Median Motor Conduction and Severity of Carpal Tunnel Syndrome: Correlation Study
- Zu-Neng Lu, Xiao-Qiong Yan, Hong Chu, Hong-Juan Dong (China)

POS.43 Bilateral Internal Ophthalmoplegia as an Initial Sole Manifestation of Miller Fisher Syndrome
- Hong Seok Bae, Sung Hoon Lee, Jong Kuk Kim, Oeung Kyu Kim, Hyeon Woo Yang (Korea)

POS.44 Evaluation of Quality of Life in Korean Charcot-Marie-Tooth Patients
- Ji Hyeran, Ji Soo Shin, Su Jin Hwang, Sun Young Cho, Sung Kyung Choi, Ki-Duk Park, Byung Ok Choi (Korea)

POS.45 Radiation-Induced Brachial Plexopathy
- Young Ha Lee, Sun A. Lee, Sung Sang Yoon (Korea)

POS.46 A Case of Morvan's Syndrome: Recurrence with Elevation of Voltage Gated Potassium Channel Antibody Titer and Good Response to Pregabalin
- Nam-Hee Kim, Kyung Seok Park, Kwang-Woo Lee (Korea)

POS.47 Characteristics of Diabetic Neuropathy Related to Duration of Diabetes
- Hakjae Roh, Byung-Jo Kim (Korea)

POS.48 Waldenström’s Macroglobulinemia Presenting as Sensory Neuropathy
- Valmarie Estrada, Rogelio Libarnes (Philippines)

POS.49 A Case of Multifocal Motor Neuropathy
- Jee-Eun Kim, Se Ho Oh, Kwang-Woo Lee, Seong-Ho Park, Kyung Seok Park (Korea)

POS.50 A Case of Bell’s Palsy in Patient with Polysytemia Rubra Vera
- Hyeong-Suk Lee, Dong-Ick Shin, Sung-Hyun Lee, Sang-Soo Lee (Korea)

POS.51 Marked Improvement of Hepatitis C Associated Chronic Inflammatory Demyelinating Polyneuropathy with Antiviral Therapy: A Case Report
PO5.52 Early Denervation in Patients with Axonal Variant of GBS

PO5.53 Critical Illness Polynuropathy and Myopathy: Experience at a Tertiary Care Center in Pakistan
- Ghulam Shabbir, Ali Mehmod Raufi, Mustafa Khan, Nawal Salahuddin, Saad Shafqat (Pakistan)

PO5.54 Polycranial Neuropathy and Sensory Ataxia with IgG Anti-GD1a Antibody as a Variant of Guillain Barré’s Syndrome
- Sun Young Kim, Jong Kuk Kim (Korea)

PO5.55 Facial Diplegia as a Sole Manifestation of Guillain-Barré Syndrome
- Jong Kuk Kim, Jong Seok Bae, Sun Young Oh, Eun Hee Sohn, Yoon-Ho Hong (Korea)

PO5.56 Guillain-Barré Syndrome Presenting as Multiple Cranial Neuropathies
- Ju Young Oh, Ae Young Lee, Jae Moon Kim, Eun Hee Sohn (Korea)

PO5.57 Quantitative Analysis of Somatic and Autonomic Small Fibers in Diabetic Neuropathy
- Eun Hee Sohn, Kyu Sang Song, Ae Young Lee, Jae Moon Kim (Korea)

PO5.58 Two Sibs with Giant Axonal Neuropathy
- Neeraj Jain, Nirav Sanghani, Arun Shah (India)

PO6: Motor Neuron Disease

PO6.1 Prognostic Significance of ALSFRS and Compound Muscle Action Potentials in Patients with Motor Neuron Disease
- Zu-Neng Lu, Jun Luo, Hong chu, Hong-Juan Dong (China)

PO6.2 Lipid Profiles in Patients with ALS and Transgenic Mice
- Sung-Min Kim, Seung Hyun Kim, Jee-Eun Kim, Hyeyun Kim, Hyun-Jung Kim, Yoon-Ho Hong, Kyung Seok Park, Jung-Joon Sung, Kwang-Woo Lee (Korea)

PO6.3 Protective Effect of N-Acetylcysteine and Vitamin E against Oxidative Stress- and Glutamate-Induced Damage of Motor Neuron-Like NSC-34 Cells
- Jeong-Geun Lim, Won-Ki Baek, Dae-Kyu Song (Korea)

PO6.4 Stratifying Subgroups with Different Progression Rate Determined by Electrophysiologic Tests in Patients with Amyotrophic Lateral Sclerosis
- Xiaoxuan Liu, Jun Zhang, Juyang Zheng, Shuo Zhang, Yingsheng Xu, Dexuan Kang, Dongsheng Fan (China)

PO6.5 Electrophysiological Characteristics of Hirayama Disease
- Kai Qiao, Jie Lin, Yin-yin Zhao (China)

PO6.6 Phrenic Nerve Function in Patients with Bulbospinal Muscular Atrophy
- Terunori Sano, Hisashi Ito, Tetsumasa Kamei (Japan)

PO6.7 Clinical and Electromyographic Features of Hirayama Disease
- Eun Hye Jeong, Ji Soo Shin, Eun Kyung Park, Su Jin Hwang, Sun Young Cho, Ki Wha Chung, Byung Ok Choi (Korea)

PO6.8 Usefulness of Erythropoietin Therapy in Amyotrophic Lateral Sclerosis
- Sung-Min Kim, Yoon-Ho Hong, Kyung Seok Park, Hyun-Woo Nam, Jung-Joon Sung, Kwang-Woo Lee (Korea)

PO6.9 Cortical and Subcortical Changes in ALS: A Voxel-Based Morphometry Study
- Hee Jin Kim, Seok-Jae Kang, Hyun Dong Park, Hyun Young Kim, Hee-Tae Kim, Juhan Kim, Seung Hyun Kim (Korea)

PO6.10 A Case of Motor Neuron Disease Associated with Multiple Myeloma
- Hee-Kyung Park, Hyun Young Kim, Seong-Ho Koh, Young Joo Lee, Kyu-Yong Lee, Hee Jin Kim, Juhan Kim, Hee-Tae Kim, Seung H. Kim (Korea)

PO6.11 Nocturnal Capnography Monitoring in Patients with Amyotrophic Lateral Sclerosis
- Hee Jin Kim, Seok-Jae Kang, Hyun Dong Park, Hyun Young Kim, Hee-Tae Kim, Juhan Kim, Seung Hyun Kim (Korea)

PO6.12 Mesenchymal Stem Cell as a Neuroprotective Therapy in Patients with Amyotrophic Lateral Sclerosis
- Hee Jin Kim, Seok-Jae Kang, Hyun Dong Park, Hyun Young Kim, Hee-Tae Kim, Juhan Kim, Seung H. Kim (Korea)

PO6.13 The Physiological Basis of the Split Hand Syndrome in ALS: An Axonal Excitability Study
- Kazuaki Kanai, Setsu Sawai, Sonoko Misawa, Sagiri Isose, Satoshi Kusubara, Jong Seok Bae (Korea)

PO6: Muscle Disease

PO7.1 Value of Exercise Test in the Diagnosis of Patients with Periodic Paralysis
- Zeyu Ding, Liying Cui (China)

PO7.2 Electromyography and Biopsy Correlation for Evaluation of Pediatric Myopathy
- Yoon Ghi Park, Young Chul Choi, Jung Hwa Choi, Jae Ho Moon, Won Ah Choi (Korea)

PO7.3 A Case of Mitochondrial Encephalomyopathy (MERRF) without Myoclonic Epilepsy, Point Mutation at Position 8344
- Kassent Meral Cinar, Fazilet Hiz, Huin Karahan Oezkan, Dilek Bozkurt (Turkey)

PO7.4 A Case of Muscle Stiffness and Diffusely Increased Insertional Activity on Needle EMG
- Hye-Jin Moon, Yoon-Ho Hong, Kwang-Woo Lee (Korea)

PO7.5 Myotonic Dystrophy Presenting with Ventilatory Failure of Dual Origin
- Hye-Jin Moon, Yoon-Ho Hong, Kwang-Woo Lee (Korea)

PO7.6 Nerve Conduction Studies of Dermatomyositis and Polymyositis in 175 Patients
- Yue Wang, Liying Cui, Lin Chen, Mingsheng Liu, Xin Qi, Benhong Li, Hua Du (China)

PO7.7 A Case of Pulmonary Thromboembolism in a Patient with Myotonic Dystrophy Type 1
- Joong-Yang Cho, So-Young Seo, Han-Joon Kim, Yong-Jin Cho (Korea)

PO7.8 The Sensitivity of Prolonged Exercise Test in Diagnosis of Thyrotoxic Periodic Paralysis can be Improved by Longer Duration of Exercise: A Case Report
- Hyung-Woo Shin, Sung-Min Kim, Jong-Ho Park (Korea)

PO7.9 Phenotypes of 117 Korean Patients with Mitochondrial Disorders
- Eun Hye Joneg, Ji Soo Shin, Eun Kyung Park, Su Jin Hwang, Sun Young Cho, Ki Wha Chung, Byung Ok Choi (Korea)

PO7.10 Sporadic Oculopharyngodistal Myopathy: Early Distal Leg Weakness is the Characteristic Differentiating Feature from Oculopharyngeal Muscular Dystrophy
- Sun Young Cho, Jeong-Keun Lim, Dae-Seong Kim (Korea)

PO7.11 Identification of a Dysferlin Gene Mutation in One Patient Showing Clinical Manifestation of Miyoshi Myopathy
- Nam-Hee Kim, Myung-Goo Ji, Young Chul Choi, Dae-Sung Kim (Korea)
PO7.12 Lipid Storage Myopathy: Case Report
- Semra Bilge, Saffet Meral Cinar, Aysel Celik (Turkey)

PO7.13 A Case Report on Use of IVig in Polymyositis
- Ki Moo Hong (Korea)

PO7.14 Exercise Tests in a Family of CACNA1S Mutation with Phenotypic Heterogeneity
- Chih-Cheng Huang, Ying-Fa Chen, Yung-Yee Chang, Shun-Sheng Chen, Jia-Shou Liu, Min-Yu Lan (Taiwan)

PO7.15 EMG Disease with Transient Weakness: A Single Disease Entity? Or Mild Form of Myotonic Disorder?
- Hyun-Woo Yang, Jong Seok Bae (Korea)

PO7.16 Myopathy in a Patient Treated with Amiodarone without Alteration of Thyroid Hormone
- Eugene Lee, Young-Min Lim, Kwang Kuk Kim (Korea)

PO7.17 Toxoplasma Myositis Combined with Steroid Myopathy in a Kidney Transplanted Patient, Pathologically Confirmed Trophozoites in a Skeletal Muscle
- Jun Young Chang (Korea)

PO8: Myasthenia Gravis, Neuromuscular Junction Disorders

PO8.1 Clinical Correlations of Bind and Blocking Acetylcholine Receptor Antibodies in Myasthenia Gravis
- Sa-Yoon Kang, Jae Young Lee, Jee Young Kim, Ji-Hoon Kang, Jay Choi, Jung Seok Lee (Korea)

PO8.2 Acquired Neuromyotonia with Myasthenia: A Case Report
- Yoon-Ho Hong (Korea)

PO8.3 Additional Diagnostic Value of Post-Exercise Exhaustion
- Hyun-Jung Kim, Yoon-Ho Hong, Kwang-Woo Lee (Korea)

PO8.4 Clinical Improvement with Pyridostigmine in Limb-Girdle Myasthenia with Tubular Aggregates
- Dae-Seong Kim, Hee Young Jo (Korea)

PO8.5 A Case of Postthymectomy Myasthenia Gravis
- Kyung Mo An, Seung-Yun Lee, Sang Won Ha, Ki moo Hong, Eun Kyoung Cho, Jeong Ho Han, Doo Eung Kim (Korea)

PO8.6 Prognostic factors after Thymectomy in Patients with Myasthenia Gravis
- Tai-Seung Nam, Seung-Han Lee, Joon-Seok Park, Byeong C. Kim, Myeong-Kyu Kim, Ki-Hyun Cho, Seong-Min Choi (Korea)

PO9: Electroencephalography

PO9.1 Effects of Brain Wave Disturbance during Sleep in Alzheimer Disease
- Faraan Ul Haq Subhani (Pakistan)

PO9.2 Diagnostic Value of Short Term Video EEG in Childhood Paroxysmal Disorders
- Naik Darshana, Nakum Savji (India)

PO9.3 Comparison of Frontofrontal Dementia and Healthy Volunteers Using Quantitative EEG
- Keichiro Nishida, Masafumi Yoshimura, Tsunetaka Yoshida, Satoshi Irisawa, Yuichi Kitaura, Toshiaki Isotani, T. Kinoshita (Japan)

PO9.4 Global Electroencephalographic and Clinico-Serologic Correlation among Patients with Subacute Sclerosing Panencephalitis: A Review
- Satoshi Irisawa, Toshihiko Kinoshita (Japan)

PO9.5 Quantitative EEG and Neurologic Outcome in Patients with Hypoxic Ischemic Encephalopathy after Cardiopulmonary Resuscitation
- Ji Soo Shin, Youngshin Yoon, Eunhye Jung, Hyeran Yang, Kyoung-Gyu Choi, Kee-Duk Park, Hyang Woon Lee (Korea)

PO9.6 EEG Power-Spectral and Phase Synchrony Analyses in Localization-Related Epilepsy: Intracranial Seizure Recordings
- Sooyeon You, Jooman Han, June Sik Kim, Chun Kee Chung, Hyang Woon Lee (Korea)

PO9.7 A Comparative Study between Daysleep EEG and Routine EEG in Epilepsy Diagnosis
- Yun-Qian Zhang, Jian-Lin Wang, Jin Lei (China)

PO10: Epilepsy

PO10.1 The Effects of Topiramate and Sodium Valproate Retard Tablet on Cognitive Function in Adult with Epilepsy
- Hong Xu, Ming-Zhi Zhang, Fa-qing Long (China)

PO10.2 Video-EEG Monitoring Differences in Pediatric Frontal and Temporal Lobe Epilepsy
- Yue Xu, Li Jiang, Qin Zhang (China)

PO10.3 Abnormal Temperature Perception in Patients with Idiopathic Restless Legs Syndrome
- Young-Min Lim, Kwang Kuk Kim (Korea)

PO10.4 Symptomatic Occipital Lobe Epilepsy with Atypical Kinetopsia
- Tae Hyoung Kim, Tae Il Yang, Jae-Wook Cho, Na Yoen Jung, Kwang Dong Choi (Korea)

PO10.5 Refractory Status Epilepticus Spontaneously Resolved by Parturition
- Eung Seok Oh, Ji Hee Lee, Jae Moon Kim (Korea)

PO10.6 Osteopenia and Osteoporosis in the Epileptic Patients
- Thanaboon Worakijthamrongchai, Somchat Tawanabutr, Suchart Hanchaibulbikul, Tassaneetantirithisak (Thailand)

PO10.7 Prognostic Factors of Mortality and Morbidity in Thai Adult Status Epilepticus
- Charunthai Dejthevaporn (Thailand)

PO10.8 Detecting Overexpression of P-glycoprotein Multidrug Resistance Gene in Peripheral Blood Lymphocytes of Children with Epilepsy
- Yuqin Zhang (China)

PO10.9 Age at Surgery Does Not Matter: A Comparison of Clinical and Seizure Outcome in Pediatric Versus Adult Patients who Underwent Hemispherectomy for Unilateral Intractable Hemispheric Epilepsy
- Ashalatha Radhakrishnan, Kunupath Radhakrishnan, R.M. Rao, Biju Bahuleyan, C. Kesavadas, V.V. Radhakrishnan, Sankara P. Sarna (India)

PO10.10 The Effects of Antiepileptic Drugs on Balance in Aged People
- Geun-Ho Lee, Chang-Min Lee, Young-Mok Song, Ji-Hyun Kim (Korea)

PO10.11 Clinical Case of Rasmussen’s Chronic Progressive Focal Encephalitis in Uzbekistan
- Otakhon A. Matchanov, Nigina B. Rasuleva (Uzbekistan)

PO10.12 Recurrent Syncope due to Ictal Asystole; A Case
- Kang Park, Hyun Kyung Kim, Kun Chou, Sang Kun Lee (Korea)

PO10.13 Extent of Neocortical Resection and Surgical Outcome for Epilepsy: Intracranial EEG Analysis
- Hyun Kyung Kim, Dong Wook Kim, Kon Chu, Chun Kee Chung, Sang Kun Lee (Korea)
PO10.14 Two-Day Video-EEG Monitoring in the Evaluation of Paroxysmal Events
  - Ying-Ying Lee, I-Cheen Chen, Yu-Tai Tsai, Chung-Yang Sung, Hsiang-Yao Hsieh, Siew-Na Lim, Tony Wu (Taiwan)

PO10.15 Pathologically Confirmed Ictal Vomiting as a Clinical Manifestation of Right Frontal Lobe Epilepsy
  - Moon Kyu Lee, Yang Je Cho, Dong Woo Lee, Jong Hee Chang, Soochul Park (Korea)

PO10.16 Subclinical Ictal Build up during of PLEDs in a Case with Status Epilepticus due to Herpes Simplex Encephalitis
  - Hee Jin Kim, Joo-Hyun Seo, Jin Yong Hong, Bosuk Park, Yeung Yeob Kim, Soochul Park (Korea)

PO10.17 The Effect of Prophylactic Therapy with Valproate Sodium in Japanese Children with Cyclic Vomiting Syndrome
  - Sono Kaneko, Toshiyuki Hikita, Hiroko Kodama, Natsue Nakamoto, Fumiya Kaga, Kaori Amakata, Kaori Ogita, Yasushi Fujii, Yukishige Yanagawa (Japan)

PO10.18 Prognostic Impact of Hippocampal Sclerosis in Central Nervous System Infection-Related Epilepsy
  - Soochul Park, Joo Hyun Seo, Bosuk Park, Moon Kyu Lee, Yeung Yeob Kim (Korea)

PO10.19 Clinical Spectrum of Pseudo Seizures at a Tertiary Care Hospital Karachi: A Video EEG Based Study

PO11: Magnetoencephalography

PO11.1 Spatio-Temporal Dynamics of Mismatch Responses in the Human Visual System
  - Tomokazu Urakawa, Koji Inui, Koya Yamashiro, Ryusuke Kagiki (Japan)

PO11.2 Automatic Auditory Off-Response in Humans: An MEG Study
  - Koja Yamashiro, Koji Inui, Naofumi Otsuru, Tetsuo Kida, Ryusuke Kagiki (Japan)

PO11.3 Language Lateralization by Event Related Spectral Perturbation (ERSP): Magnetoencephalography (MEG) Study
  - Seo-Young Lee, Chun Kee Chung, June Sik Kim, Won-Sub Kim, Eun-Soo Kang, Sung Hun Kim, Seung Hwan Lee (Korea)

PO11.4 Source Localization of Sleep Spindles by High Resolution EEG/MEG Recordings
  - Eun Hye Jeong, Joohan Han, Songi Kim, June Sik Kim, Chun Kee Chung, Hyang Woon Lee (Korea)

PO11.5 Effects of Therapeutic Electrical Stimulation (TES) on Movement Related Cortical Fields (MRCF) of Magnetoencephalography (MEG)
  - Shinji Ogawa, Ichiro Takumi, Masaki Kawaatsu, Kazuho Tsujiuchi, Yujiro Hara (Japan)

PO12: Transcranial Magnetic Stimulation

PO12.1 Hemispheric Asymmetry of Surround Inhibition in the Human Motor System
  - Hae Won Shin, Young H. Sohn (Korea)

PO12.2 Colchicine-Induced Fatigue: A Transcranial Magnetic Stimulation Study
  - Kwong-Kun Liao, Yung-Yang Lin (Taiwan)

PO12.3 Triple Stimulation Technique in Amyotrophic Lateral Sclerosis Patients
  - Hyun Dong Park, Hee Kyung Park, Hee Jin Kim, Hyung Young Kim, Hee Tae Kim, Juhan Kim, Seung Hyun Kim (Korea)

PO12.4 Reciprocal Inhibition in Essential Tremor
  - Ha Neul Lee, Hyun Young Kim, Seong Ho Koh, Kyu Young Lee, Young Joo Lee, Seung Hyun Kim, Juhan Kim, Hee Tae Kim (Korea)

PO12.5 The Effects of Pretreatment with Low-Frequency Repetitive Transcranial Magnetic Stimulation on Pilocarpine-Induced Seizures
  - Juming Yu, Xiaoming Wang, Min Huang, Ke Xu, Jiaming Luo, Ying Ma (China)

PO13: Movement Disorders

PO13.1 Progressive Enecephalomyelitis with Rigidity and Myoclonus: A Case Report
  - Woong-Woo Lee, Yoon Ho Hong (Korea)

PO13.2 Botulinum Toxin Injections in Medically-Refractory Post-Stoke Holmes’ Tremor
  - William S. Baek (USA)

PO13.3 Hypomania Induced by Subthalamic Nucleus Stimulation in a Parkinson’s Disease Patient: A Case Report
  - Ji-Soon Kim, So Ha Park, Beom S. Jeon (Korea)

PO13.4 The Wide Clinical Spectrum and Negrostriatal Dopaminergic Damage in Spino cerebellar Ataxia Type 6
  - Jong-Min Kim, Jee-Young Lee, Hie Jin Kim, Ji Sun Kim, Yu Kyeong Kim, Sung Sup Park, Sang Eun Kim, Beom Seok Jeon (Korea)

PO14: Functional Neuroimaging and Neural Processing, Neuroimages, Experimental Neurophysiology

PO14.1 The Therapeutic Effect of Low Frequency Stimulation to the Epileptogenic Focus in Kindled Rats
  - Yiping Wang, Yanlei Han (China)

PO14.2 Effect of Hyperhomocysteinemia on Structure and Function of Peripheral Nerve in Rat
  - Zhecheng Zhang, Wei Yu (China)

PO14.3 Interaction between Endocannabinoid System and Calcium Channels on the LTP Induction in the Hippocampus of Rat
  - Ali Reza Komaki, Siyam Shahidi, Farzad Sadat, S. Mansour Malakouti, Abdolrahman Sanhi (Iran)

PO14.4 Effects of Endocannabinoid Transport Inhibitors, AM404 and UCM707, on an Experimental Model of Diabetic Neuropathy
  - Parisa Hasanne, Nepton Soltani, Siyam Shahidi, Ali Reza Alireza (Iran)

PO14.5 Potential of AlphaTheta Brainwave
  - Imam Mochny, Aboe Amor Joesoef, Rika Subarniati, Rachmat Hargono (Indonesia)

PO14.6 Differential Amygdala Response to Lower Face in Patients with Pervasive Developmental Disorder: An fMRI Study
  - Makoto Ishibashi, Hirota Kosaka, Masao Omori, Yukihiro Matsumura, Kimiko Mizukami, Toshio Munesue, Tetsuo Murata, Hidehiko Okazawa, Yuji Wada (Japan)

PO14.7 The Developmental Change in the Perception of Dynamic Facial Emotion Using ERPs
  - Kensaku Miki, Shoko Watanabe, Mika Teruya, Yosuke Takeshima, Tomokazu Urakawa, Masahiro Hira, Yukiko Honda, Ryusuke Kagiki (Japan)

PO14.8 Tobacco Smoking and Pain-Related Potentials
  - Takahiro Miyazawa, Koji Inui, Ryusuke Kagiki (Japan)

PO14.9 The Effects of Pretreatment with Low-Frequency Repetitive Transcranial Magnetic Stimulation on Pilocarpine-Induced Seizures
  - Juming Yu, Xiaoming Wang, Min Huang, Ke Xu, Jiaming Luo, Ying Ma (China)

PO14.10 Metabolic Mismatch between Glucose Metabolism and Blood Flow on Neuroimaging Studies in a Case with Severe Hypoglycemic Encephalopathy
  - Mun Kyung Sunwoo, Hee Jin Kim, Juhan Kim, Hee-Tae Kim, Juhan Kim, Hee-Tae Kim, Yoon Ho Hong (Korea)
PO14.11 Visual and Somatosensory Integration in Children with Poor Motor Coordination by ERP Technique
- Yunji Ju, Kyungmin Lee (Korea)

PO14.12 The Effect of Adaptation to Sound Intensity on the Neural Metabolism in Auditory Pathway: [F-18]FDG Micro PET Study
- Dong-Pyo Jang, Kyoungh Min Lee, Sang-Yoon Lee, Chan-Woong Park, Young-Bo Kim, Zang-Hee Cho (Korea)

PO14.13 Response Effect on VEP
- Sung-Ho Woo, Kyoung Min Lee (Korea)

PO14.14 Gamma Oscillatory Activity Predicts Change-Detection/Blindness
- Hyeong-Dong Park, Kyoungh Min Lee (Korea)

PO14.15 Decreased Bilateral Insulae Volume in Youth with Pervasive Developmental Disorders
- Hironaka Kosaka, Masao Omori, Toshio Munesue, Makoto Ishitobi, Yukiko Matsumura, Tetsuya Takahashi, Kousuke Narita, Tetsuhiro Murata, Hidehiko Okazawa, Norihiro Sadato, Yuji Wada (Japan)

PO14.16 Differential Diagnosis of Vascular Dementia from Alzheimer’s Disease Based on Neuroimages
- Ken Nagata, Enri Yokoyama (Japan)

PO14.17 Migrating Brain Lesion on Diffusion Weighted Image in Patient with Metronidazole-Induced Encephalopathy
- Hyung-Woo Shin, Sung-Min Kim, Yoon-Ho Hong, Kyung Seok Park, Jung-Joon Sung, Kyung Dong Choi, Da-Hyoun Kim, Sun Young Oh (Korea)

PO14.18 Transient Global Amnesia with Both Temporal Spikes and Hippocampal High Signal Intensities on the Diffusion Weighted Images
- Jae-Sung Lim, So Ho Oh, Youngsoon Yang, SangYoon Kim, Zang-Hee Cho (Korea)

PO15.11 Clinical Characteristics and Prognostic Factors for Recurrence of Benign Paroxysmal Positional Vertigo
- Jae-Jun Song, Sang-Wuk Jeong (Korea)

PO15.9 Perverted Head-Shaking and Positional Downbeat Nystagmus in Patients with Multiple System Atrophy
- Jee-Young Lee, Woong-Woo Lee, Ji Soo Kim, Hee Jin Kim, Jin-Kyung Kim, Beom S. Jeon (Korea)

PO15.10 Horizontal Smooth Pursuit Adaptation in Humans
- Sun Young Oh (Korea)

PO15.11 Primary Position Upbeat Changing into Downbeat Nystagmus on Convergence and Bilateral Gazes in Wernicke’s Encephalopathy
- Hyun Seok Song, Hyo-Jung Kim, Ji Soo Kim (Korea)

PO15.12 Isolated Medial Rectus Palsy in Midbrain Infarction
- Hyeon-Seok Lee, Tae Il Yang, Kwang Dong Choi, Ji Soo Kim (Korea)

PO15.13 Bilateral Internuclear Ophthalmoplegia Following Spontaneous Subarachnoid Hemorrhage
- Se Jin Oh, Sung Ho Ahn, Dae Soo Jung, Kwang Dong Choi (Korea)

PO15.14 Jerky Seesaw and Hemi-Seesaw Nystagmus: Clinico-Radiological Correlations
- Seong-Hae Jeong, Jong S. Kim, Young-Su Han, Hye-Jung Kim, Eung Kyu Kim, Jun Lee, Kwang Dong Choi, Da-Hyoun Kim, Sun Young Oh (Korea)

PO15.15 Effect of Galvanic Stimulation on Spontaneous Nystagmus in Menière’s Disease and Vestibular Neuritis
- Seong-Hae Jeong, Gun-Sei Oh, Ji Soo Kim (Korea)

PO15.16 Intercellular Vestibular Dysfunction in Migraine according to Associated Vertigo and Motion Sickness
- Seong-Hae Jeong, Sun Young Oh, Hye-Jung Kim, Ja-Won Koo, Ji Soo Kim (Korea)

PO15.17 Reversible Caloric Weakness in Apogeotropic Horizontal Canal Benign Positional Vertigo
- Seong-Hae Jeong, Ja-Won Koo, Ji Soo Kim (Korea)

PO15.18 Neuro-otology of Cerebrospinal Fluid Hypovolemic Syndrome
- Seong-Hae Jeong, Ja-Won Koo, Ji Soo Kim (Korea)

PO15.19 Activation of Superior Frontal and Temporal Cortices in Voluntary Nystagmus: A PET Study
- Hyun Seok Song, Jung Hwa Lee, Yu Kyeong Kim, Sang Eun Kim, Ji Soo Kim (Korea)

PO15.20 Dysfunction of Cerebrovascular System in Migraine: Response to Photic Stimulation on Propranolol
- Ju-Hong Min, Hyun-Woo Lee, So Young Moon (Korea)

PO15.21 Right-To-Left Shunt Degree by Transcranial Doppler in the Patent Foramen Ovale on the Stroke Mechanism
- So-Hyun Kim, Sung Rae Kim, Il-Gon Kim, Changseok Song, Yoonjae Choi, Ki-Hwan Ji, Eun-Cheol Song, Ju-Hong Min, Min Hyun Woo, So-Young Moon (Korea)

PO15.22 Cerebrovascular Disease, Neurosonology
- William S. Baek (USA)

PO15.23 Effect of Fetal-Type Circle of Willis on the Cerebral Blood Flow Volume in Healthy Adults
- Ji Man Hong, Jae Hyuk Lee, Seek Woo Wong, In Soo Joo, Joung Ho Rha (Korea)

PO15.24 Cerebral Hemodynamics in Patients with Symptomatic Bilateral Carotid Occlusion: Evaluation with CT Perfusion Imaging
- Kwang Deog Jo, Soo-Bin Yim, Young Joo No, Jong Hyeog Lee, Seung Hoon You (Korea)

PO15.25 Ultrasound Follow-Up after Carotid Intervention
- Ting-Yu Chang, Yeu-Jhy Chang, Shan-Jin Ryu, Tsong-Hai Lee (Taiwan)
PO16: Multiple Sclerosis and Related Disorders, Others

PO16.1 Prognosis of Idiopathic Clinically Isolated Optic Neuritis and Myelitis: A Retrospective Study
- Jee-Eun Kim, Yoon-Ho Hong, Kwang-Woo Lee (Korea)

PO16.2 A Retrospective Study of Multiple Sclerosis among Population of Ulaanbaatar City of Mongolia
- Dashzeveg Shuren, Luvsannorov Otgonbayar, Guntev Tsagaankhuu (Mongolia)

PO16.3 A Case of Demyelinating Disease Involving Brain, Spinal Cord and Peripheral Nervous System
- Saffet Meral Cinar, Fazilet Hiz, Burcu Ertugrul, Serdar Aykac (Turkey)

PO16.4 Asthma Associated with Interferon-Beta can be Prevented with Slow Titration: A Case Report
- Hyung-Woo Shin, Sung-Min Kim, Yoon-Ho Hong, Kyung Seok Park, Jung-Joon Sung, Kwang-Woo Lee (Korea)

PO16.5 A Case of Tuberous Sclerosis with Cardiac Rhabdomyoma Diagnosed by Prenatal Ultrasound
- Eun Sook Suh, Jang Yong Jin, Woo Ryong Lee (Korea)

PO16.6 Spontaneous Temporary Remission in Primary CNS Lymphoma: A Case Report
- Seung Yeon Lee, Sang Won Ha, Eun Kyoung Cho, Jeong Ho Han, Ki moo Hong, Kyung Mo An, Doo Eung Kim (Korea)

PO16.7 Klebsiella Pneumoniae Cerebritis Detected by Diffusion-Weighted MRI
- Suk Yun Kang, So Young Byun, San Jung, Seok-Beom Kwon, Mi Jeong Lee, Hyeo-Il Ma, Jacob Lee, Sung Hee Hwang (Korea)

PO16.8 A Case of Meningoencephalitis Associated with Murine Typhus
- Gun-Sei Oh, Sun-Hee Kim, Jong-En Chun, Hyung-II Kim, Soo-Jin Yoon (Korea)

PO16.9 Doxycycline-Resistant Tsutsugamushi Meningoencephalitis
- Sung Hoon Lee, Eung-Gyu Kim (Korea)
Exhibitors’ List
Bayer Schering Pharma / 5
E*Puplicit Korea / 48
Myung in Pharm Co., Ltd. / 1
Boryung Co., Ltd. / 6
Ildong Pharmaceutical Co., Ltd. / 2
SK Chemicals / 3
Daewoong Co., Ltd. / 7
Korean Drug Co., Ltd. / 4
WCN 2009 / 49

Exhibitors’ List
Bukwang Pharm Co., Ltd. / 20–22
Dong-A Pharmaceutical Co. / 35
Hannmi Pharm Co., Ltd. / 44
Kelim Medical / 16
Novartis Korea / 32–34
Sanofi-Aventis Korea / 8, 9, 18, 19
Wahan Pharm Co., Ltd. / 10
Cadwell Laboratories, Inc. / Neuro Won Co. / 17
Eisai Korea Inc. / 45
Himed Co., Ltd. / 15
Menka Ltd. / 36
Pfizer Pharmaceuticals Korea Ltd. / 29–31
Samed Company / 47
Young Woo Meditech Co., Ltd. / 11–13
ChoDang Pharm Co., Ltd. / 23–25
Greencross Corp. / 38–40
Janssen Korea Ltd. / 26–28
Nihon Kohden Corp. / 16
Samjin Pharm Co., Ltd. / 35–37
UCB Corp. / 41–43
Yuju Pharma Inc. / 46
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