― Program ―
8:15-8:20 **Opening Remarks by the President**

Takamitsu Fujimaki (Saitama Medical University Hospital, Japan)

8:20-9:25 **Symposium 1  Monitoring and endoscope**

**Chair:** Sanford PC. Hsu (Taipei Veterans General Hospital, Taiwan)
Iwao Yamakami (Seikei-kai Chiba Medical Center, Japan)

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<th>Session</th>
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<tr>
<td>S1-1</td>
<td>Blink synkinesis monitoring during microvascular decompression for hemifacial spasm</td>
<td>Sanford PC. Hsu (Department of Neurosurgery, Taipei Veterans General Hospital, Taiwan)</td>
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<td><strong>S1-2</strong></td>
<td>Microvascular decompression for hemifacial spasm: can intraoperative lateral spread response monitoring improve surgical efficacy?</td>
<td>Yongxu Wei (Department of Neurosurgery, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, China)</td>
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<td>S1-3</td>
<td>Early Disappearance of Abnormal Muscle Response (AMR) during Microvascular Decompression for Hemifacial Spasm Evaluated by Continuous AMR Monitoring</td>
<td>Iwao Yamakami (Neurosurgery, Seikei-kai Chiba Medical Center, Japan)</td>
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<td>S1-4</td>
<td>Intraoperative monitoring of Z-L response (ZLR) and abnormal muscle response (AMR) during microvascular decompression for hemifacial spasm. Interpreting the role of ZLR</td>
<td>Byung-chul Son (Department of Neurosurgery, Seoul St. Mary’s Hospital, College of Medicine, The Catholic University of Korea, Korea)</td>
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9:25-10:20 **Session 1  Pre-operative evaluation and MRI**

**Chair:** Nan-xiang Xiong (Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, China)
Akio Morita (Nippon Medical School, Japan)

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<td>O1-1</td>
<td>Study on formation of tortuous vertebral artery (VA) as the offending vessels of hemifacial spasm</td>
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<td>O1-2</td>
<td>Analysis of the conflicting vessels in hemifacial spasm</td>
<td>Naruhiko Terano (Department of Neurosurgery, Saitama Medical University Hospital, Japan)</td>
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<td>O1-3</td>
<td>The Importance of Volumetric Measurement of the Cerebellopontine Cistern in Trigeminal Neuralgia</td>
<td>Yoshiki Obata (Department of Neurosurgery, Tokyo-kita Medical Center, Japan / Department of Neurosurgery, Tokyo Medical and Dental University, Japan)</td>
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<td>O1-4</td>
<td>Usefulness and limitation of non-contrast MRI images for preoperative simulation on microvascular decompression</td>
<td>Kunihiko Kodama (Department of Neurosurgery, Nagano Municipal Hospital, Japan)</td>
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<td>O1-5</td>
<td>Analysis of vascular tortuosity and anchoring perforators in patients with hemifacial spasm.</td>
<td>Yuya Nishiyama (Department of Neurosurgery, Fujita Health University, Japan)</td>
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<td>O1-6</td>
<td>Preoperative MR in assessing hearing loss after microvascular decompression for hemifacial spasm</td>
<td>Ning Li (Department of Neurosurgery, Rui Jin Hospital, China)</td>
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10:20-10:35  *Break*

10:35-11:30  *Workshop  Surgical Technique*

**Chair:**  Young Hwan Ahn  (Ajou University Hospital, Korea)  
Hideo Takeshima  (University of Miyazaki, Japan)

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<td>W-1</td>
<td><strong>[Keynote Lecture]</strong> Why we have to change of MVD concept for HFS ?</td>
<td>Sang Hoon Lee  (Department of Neurosurgery, Bong Seng Hospital, Korea)</td>
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<td><em>Modified transposition method using a GoreTex belt for large arteries</em></td>
<td>Yuichiro Tanaka  (Department of Neurosurgery, St. Marianna University School of Medicine, Japan)</td>
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<td>W-2</td>
<td>Microvascular decompression for hemifacial spasm associated with vertebral artery:</td>
<td>Hideo Takeshima  (Department of Neurosurgery, Faculty of Medicine, University of Miyazaki, Japan)</td>
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<td></td>
<td>Personal opinion for choice of the method for VA-decompression</td>
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<td>W-3</td>
<td>Usefulness of a bioglucoated Teflon sling for transposition technique in microvascular decompression for glossopharyngeal neuralgia</td>
<td>Young Hwan Ahn  (Ajou University Hospital, Korea)</td>
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11:30-12:40  *Session 2  Surgical Strategies*

**Chair:**  Byung-chul Son  (Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Korea)  
Toru Hatayama  (Mito Brain Heart Center, Japan)

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<td>O2-1</td>
<td>Factors Analysis of Delayed relief of hemifacial spasm after microvascular decompression surgery</td>
<td>Bing Sun  (Department of Neurosurgery, Huashan Hospital of Fudan University, China)</td>
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<td>O2-2</td>
<td>Transposition of the culprit artery that passes between CN VII and CN VIII in MVD for HFS</td>
<td>Kenichi Amagasaki  (Department of Neurosurgery, Mitsu Memorial Hospital, Japan)</td>
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<td>O2-3</td>
<td>Hemifacial Spasm Caused by Vascular Compression in the Cisternal Portion of the Facial Nerve: Report of Three Cases with Literature Review</td>
<td>Byung-chul Son  (Department of Neurosurgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Korea)</td>
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<td>O2-4</td>
<td>Outcome of microvascular decompression for hemifacial spasm associated with the vertebral artery.</td>
<td>Jun Masuoka  (Department of Neurosurgery, Faculty of Medicine, Saga University, Japan)</td>
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12:40-13:40  **Special Lecture 1**  
**Expert lectures at lunchtime**  
(partly sponsored by Bear Medic Corporation)  
**Chair:** Mitsuhiro Hasegawa (Fujita Health University Hospital, Japan)  

**SL-1**  
(17mins)  
Asian Conference of MVD Surgery: from Shanghai to Saitama and from Micro to Global  
Weiguo Zhao (Department of Neurosurgery, Ruijin Hospital of Shanghai Jiao Tong University School of Medicine, China)  

**Special Lecture 2**  
**Expert lectures at lunchtime**  
(partly sponsored by Bear Medic Corporation)  
**Chair:** Takamitsu Fujimaki (Saitama Medical University Hospital, Japan)  

**SL-2**  
(17mins)  
Hyper-excitability of facial motor nucleus is main pathogenesis of hemifacial spasm  
Kwan Park (Department of Neurosurgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)  

**Special Lecture 3**  
**Expert lectures at lunchtime**  
(partly sponsored by Bear Medic Corporation)  
**Chair:** Shinji Nagahiro (Tokushima University Hospital, Japan)  

**SL-3**  
(17mins)  
Aspect of Microvascular Decompression for Trigeminal Neuralgia  
Akinori Kondo (Shiroyama Hospital, Japan)  

13:40-14:10  **Session 3**  
**Recurrence and failure**  
**Chair:** Shi-Ting Li (Xin Hua Hospital, Shanghai Jiao Tong University School of Medicine, China)  
Hidetoshi Kasuya (Tokyo Women's Medical University Medical Center East, Japan)  

**O3-1**  
(10mins)  
Reoperation experience in MVD (With 172 cases report)  
Guoqiang Chen (Department of Neurosurgery, Aviation General Hospital of China Medical University, China)  

**O3-2**  
(10mins)  
“The nerve isolation vascular transposition technique” recommendation for microvascular decompression surgeries. - Based on experiences of re-operations for failure cases -  
Takamitsu Fujimaki (Department of Neurosurgery, Saitama Medical University Hospital, Japan)
14:10-15:05 **Session 4  Rare interesting conditions**

**Chair:** Jun Zhong (Xin Hua Hospital, Shanghai Jiao Tong University School of Medicine, China)
Isao Date (Okayama University Graduate School of Medicine, Japan)

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**O4-2**
(8mins)
**Trigeminal neuralgia due to petrosal bone deformity treated by anterior petrosal approach**
Sachiko Hirata (Department of Neurosurgery, Saitama Medical University Hospital, Japan)

**O4-3**
(8mins)
**Clinical outcomes of microvascular decompression for trigeminal neuralgia and hemifacial spasm in patients with antithrombotic therapy**
Bunsho Asayama (Department of Neurosurgery, Nakamura Memorial Hospital, Japan)

**O4-4**
(6mins)
**Diagnosis and treatment strategy of differential cranial nervous disease.**
Xiaosong Wang (Department of Neurosurgery, Aviation General Hospital of China Medical University, China)

**O4-5**
(6mins)
**Remote supratentorial subdural hematoma after microvascular decompression**
Maidinamu Yakufujiang (Department of Neurological Surgery, Chiba University Graduate School of Medicine, Japan)

15:05-15:20 **Break**

15:20-16:00 **Session 5  Trigeminal neuralgia, long-term follow up**

**Chair:** Kwan Park (Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea)
Yukihiro Fujii (Brain Research Institute, Niigata University, Japan)

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**O5-1**
(10mins)
**Microvascular decompression for trigeminal neuralgia associated with the vertebrobasilar artery**
Shusaku Noro (Department of Neurosurgery, Nakamura Memorial Hospital, Japan)

**O5-2**
(10mins)
**Trigeminal neuralgia caused by vertebrobasilar arteries: decompression techniques and operative results**
Takuro Inoue (Department of Neurosurgery, Subarukai Kotok Kinen Hospital, Japan)

**O5-3**
(6mins)
**Trigeminal neuralgia due to compression of trigeminocerebellar artery: Report of 7 cases**
Norio Ichimasu (Department of Neurosurgery, Tokyo Medical University, Japan)

**O5-4**
(6mins)
**The Therapy of Trigeminal Neuralgia caused by Vertebral Artery: Microvascular Decompression or Neurotomy? (Case report)**
Zhang Shi Ming (Neurosurgical Department, Affiliated First Hospital of Suzhou University, China)
16:00-17:00  **Symposium 2  Trigeminal neuralgia, veins  (sponsored by Eisai Co., Ltd.)**

**Chair:**  
Weiguo Zhao (Ruijin Hospital of Shanghai Jiao Tong University, China)  
Sang Hoon Lee (Bong-seng Hospital, Korea)

### S2-1  (10mins)
**Our strategy for trigeminal neuralgia caused by venous compression at the exit of the nerve from Meckel cave**
Taketoshi Maehara (Department of Neurosurgery, Tokyo Medical and Dental University, Japan)

### S2-2  (10mins)
**Intraoperative bleeding in microvascular decompression for trigeminal neuralgia**
Hidetoshi Kasuya (Department of Neurosurgery, Tokyo Women's Medical University Medical Center East, Japan)

### S2-3  (10mins)
**Strategies on Exposing REZ of Trigeminal Nerve While SPV Appears as a Major Obstacle in MVD Surgery for Trigeminal Neuralgia**
Risheng Liang (Department of Neurosurgery, Union Hospital, Fujian Medical University, China)

### S2-4  (10mins)
**Microneurosurgical Treatment of Trigeminal Neuralgia Caused by Non-arterial Compression**
Canceled  
Li Zhang (Department of Neurosurgery, China-Japan Friendship Hospital, China)

### S2-5  (10mins)
**Bridging Veins and Veins of the Brain Stem in Microvascular Decompression Surgery for Trigeminal Neuralgia**
Hiroki Toda (Department of Neurosurgery, Fukui Red Cross Hospital, Japan)

17:00-17:25  **Session 6  Symptomatic trigeminal neuralgia**

**Chair:**  
Masahito Kobayashi (Saitama Medical University Hospital, Japan)

### O6-1  (10mins)
**Clinical features of patients with tumor-related trigeminal neuralgia**
Hirokazu Koseki (Department of Neurosurgery, Tokyo Women's Medical University Medical Center East, Japan)

### O6-2  (10mins)
**The tethered effect of the tumor shrinkage following stereotactic radiosurgery in secondary trigeminal neuralgia**
Yoshinori Higuchi (Department of Neurological Surgery, Chiba University Graduate School of Medicine, Japan)

17:25-17:30  **Closing Remarks and Summary of the 2nd Asian Conference of MVD**

Takamitsu Fujimaki (Saitama Medical University Hospital, Japan)