

8:00-8:30 **Opening Ceremony · Opening Remarks · Opening Speech · Group Photos**
Taketoshi Maehara, Fujii Yukihiro (President of Japanese MVD)

8:30-9:40 **Symposium I Surgical Technique**

Chair: **Weiguo Zhao** (Ruijin Hospital of Shanghai Jiaotong University School of Medicine)
Sanghoon Lee (Bongseng Memorial Hospital)

A-1

(15mins)

Evolution of microvascular decompression surgery - special reference to Japan's contribution and microsurgical anatomy research

Toshio Matsushima (Saga University)

A-2

(10mins)

Rare Vascular Lesions Causing Cranial Nerve Compression Syndromes

Sanghoon Lee (Bongseng Memorial Hospital)

A-3

(8mins)

Transposition Versus Interposition Method In Microvascular Decompression For Hemifacial Spasm: Analysis Based On Findings Of Reoperation

Shinji Kawamura (Department of Neurosurgery, Mitsui Memorial Hospital)

A-4

(8mins)

The Benefits Of The Subtonsillar Approach In Microvascular Decompression For Hemifacial Spasm

Sayyid Perkasa (National Brain Center Hospital Jakarta, Indonesia/ Koto Memorial Hospital, Shiga)

A-5

(8mins)

Usefulness Of Keyhole Surgery For MVD

Shinsuke Irie (Sapporo Kojinkai Memorial Hospital)

A-6

(8mins)

Utility of a Novel Double-Faced Microprobe for Vessel Transposition in Microvascular Decompression Surgery for Neurovascular Compression Syndrome

Yoichi Nonaka (Department of Neurosurgery, Tokai University, School of Medicine)

9:40-10:50 **Symposium II Endoscopic / Exoscopic Surgery**

Chair: **Yoji Tanaka** (Department of Neurosurgery, Kyorin University)
YungHsiao Chiang (Taipei Medical University Hospital, Taipei Medical University)

B-1

(8mins)

Endoscopic Microvascular Decompression With Transposition Technique: A Paradigm Shift In Microvascular Decompression Surgery

Fuminari Komatsu (Department of Neurosurgery, Fujita Health University Bantane Hospital)

B-2

(8mins)

Early Clinical Outcomes of Endoscopic Microvascular Decompression for Hemifacial Spasm: A Single-Center Experience

HYUKJIN OH (Soonchunhyang University Cheonan Hospital)

B-3

(8mins)

Indication for Endoscopic Microvascular Decompression Surgery for Hemifacial Spasm

Yoji Tanaka (Department of Neurosurgery, Kyorin University)

B-4

(8mins)

Versatile Use of Micro/Endoscopic Modalities and Surgical Corridors Rooted in Historical Progress in Microvascular Decompression for Trigeminal Neuralgia: Recent Experience Including 30 Fully Endoscopic Cases

Ken Matsushima (Department of Neurosurgery, Tokyo Medical University)

B-5

(8mins)

Preoperative Findings In Relation To The Usefulness Of Endoscopic Assistance For Microvascular Decompression

Sachiko Hirata (Saitama Medical University Hospital)

B-6

(8mins)

Exoscopic Microvascular Decompression with Supine Positioning: A Comparative Study in 650 Patients with Neurovascular Compression Syndrome

Hiroki Toda (Medical Research Institute Kitano Hospital)

10:55-12:10

Symposium III Complications / Recurrence**Chair: Takamitsu Fujimaki** (Department of Neurosurgery, Saitama Medical University Hospital)**Jun Zhong** (XinHua Hospital, Shanghai JiaoTong University School of Medicine)**C-1**

(10mins)

Hemifacial spasm surgery focuses on preventing perioperative complications by employing various techniques, such as not using titanium or fibrin glue

Takamitsu Fujimaki (Department of Neurosurgery, Saitama Medical University)

C-2

(8mins)

Unexpected and Embarrassing Situations During Microvascular Decompression: A Case-Based Review

HYUN SEOK LEE (Department of Neurosurgery, Konkuk University Medical Center)

C-3

(8mins)

Sinus thrombosis and bone wax migration after microvascular decompression

Yutaka Mine (Department of Neurosurgery, Faculty of Medicine, Saitama Medical University)

C-4

(8mins)

Impact of Surgical Experience on Complication Rates in Microvascular Decompression: A 1,038-Case Single-Surgeon Series Over 15 Years

Ryoong Huh (Department of Neurosurgery, Incheon St. Mary's Hospital, The Catholic University of Korea)

C-5

(8mins)

Potential reasons for failure and recurrence in microvascular decompression for hemifacial spasm

Takuro Inoue (Koto Memorial Hospital)

C-6

(8mins)

Reoperative Cases of Hemifacial Spasm: Causes of Recurrence, Surgical Strategies, and the Value of Reviewing Initial Intraoperative Videos

Takao Nozaki (Department of Neurosurgery, Hamamatsu University School of Medicine)

C-7

(8mins)

Microvascular Decompression for Trigeminal Neuralgia and Hemifacial Spasm Caused by Foreign Body Granuloma

Bunsho Asayama (Nakamura Memorial Hospital, Department of neurosurgery)

12:15-13:15

Luncheon Seminar**Chair: Taketoshi Maehara** (Department of Neurosurgery, Institute of Science Tokyo)**L-1**

(30mins)

Microvascular Decompression for Hemifacial Spasm. Shelter Method and its Outcome

Shinji Nagahiro (Yoshinogawa Hospital)

L-2

(30mins)

Proposal of standardized analysis for measuring long-term results in patients after trigeminal neuralgia surgery

Akinori Kondo (Department of Neurosurgery, Shiroyama Hospital)

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13:20-14:10 **Symposium IV Trigeminal Neuralgia / Treatment Modalities**

Chair: **Methee Wongsirisuwan** (Rajavithi hospital, Rangsit medical school university)
Wenchuan Zhang (Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine)

D-1

(8mins)

Surgical Treatment of Trigeminal Neuralgia: No Best Method, Only Better Choices

Wenchuan Zhang (Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine)

D-2

(8mins)

Comparison of real-world outcomes between MVD, RFR, GKS in typical trigeminal neuralgia patients : Single institutional study

Jinu Rim (Department of Neurosurgery, stereotactic and functional division, Yonsei university, Severance hospital, Seoul, Republic of Korea)

D-3

(8mins)

Clinical Outcome of Partial Sensory Rhizotomy in Negative-Exploration Trigeminal Neuralgia

Methee Wongsirisuwan (Rajavithi hospital, Rangsit medical school university)

D-4

(8mins)

The key to PBC success: Pear or Banana?

Jun Zhong (XinHua Hospital, Shanghai JiaoTong University School of Medicine)

D-5

(8mins)

Intravenous Fosphenytoin Therapy for Acute Trigeminal Neuralgia: A Phase 3 Randomized Clinical Trial (IFT Study)

Shusaku Noro (Nakamura Memorial Hospital)

14:15-15:10 **Symposium V Hemifacial Spasm / Imaging and Monitoring**

Chair: **Iwao Yamakami** (Neurosurgery, Sousen Hospital)
HYUN SEOK LEE (Department of Neurosurgery, Konkuk University Medical Center)

E-1

(8mins)

Brainstem Auditory Evoked Potential Warning Criteria: Effects of Craniotomy and CSF Drainage in Microvascular Decompression

Masahito Kobayashi (Department of Neurosurgery, Saitama Medical University Hospital)

E-2

(8mins)

Continuous Abnormal Muscle Response (AMR) Monitoring during MVD of Hemifacial Spasm as a Reliable Monitoring

Iwao Yamakami (Neurosurgery, Sousen Hospital)

E-3

(8mins)

The "Sang-ku Sign": A Novel Intraoperative EMG Finding for Identifying the Root Exit Zone in Microvascular Decompression for Hemifacial Spasm

Kwan Park (Department of Neurosurgery, Konkuk University Medical Center)

E-4

(8mins)

Prediction of Delayed Facial Palsy -Evaluation of the Pathophysiology of Hemifacial Spasm Using Abnormal Muscle Response, and Compound Motor Action Potential

Yuki Amano (Nakamura Memorial Hospital)

E-5

(8mins)

Absolute Depth Estimation for MVD Surgery using Novel Computer Vision Techniques

Hwanhee Lee (Bongseng Memorial Hospital, Bongseng AI Lab)

15:15-15:55 **Symposium VI Glossopharyngeal Neuralgia**

Chair: **Young Hwan Ahn** (Department of Neurosurgery, Ajou University School of Medicine, Suwon, Korea)

Xin Chen (Dept. of Neurosurgery, Tianjin Medical University General Hospital)

F-1

(20mins)

Transposition-based Microvascular decompression Surgery for Glossopharyngeal neuralgia

Young Hwan AHN (Department of Neurosurgery, Ajou University School of Medicine, Suwon, Korea)

F-2

(8mins)

From Anatomy to Treatment: A Comprehensive Approach to Glossopharyngeal Neuralgia

Xin Chen (Dept. of Neurosurgery, Tianjin Medical University General Hospital)

F-3

(8mins)

Internal Neurolysis for Glossopharyngeal Neuralgia Without Vascular Compression: A Case Report

May Pyae Kyaw (International University of Health and Welfare, Narita Hospital)

16:00-16:40 **Oral I Rare and Challenging Cases**

Chair: **Shin Jung** (Department of Neurosurgery, Chonnam National University Hwasun Hospital and Medical School, Hwasun, Jeollanam-do, Republic of Korea)

Hyun Ho Jung (Yonsei University College of Medicine, Severance Hospital)

G-1

(8mins)

Hemifacial Spasm as a Complication of Proactive Endovascular Intervention for Asymptomatic Vertebral Artery Dissecting Aneurysm

Shin Jung (Department of Neurosurgery, Chonnam National University Hwasun Hospital and Medical School, Hwasun, Jeollanam-do, Republic of Korea)

G-2

(8mins)

Strategy for Dealing with Unfamiliar and Thick Vessels during Microvascular Decompression: A First Case Report of Hemifacial Spasm Caused by a Persistent Primitive Trigeminal Artery

Sue-Jee Park (Department of Neurosurgery, Chonnam National University Hwasun Hospital and Medical School)

G-3

(8mins)

Unusual Eyelid Spasm Provoked by Gaze

Hyun Ho Jung (Yonsei University College of Medicine, Severance Hospital)

G-4

(8mins)

Clinical Features and Technical Details of Microvascular Decompression for Trigeminal Neuralgia Caused by Arterial Neurovascular Conflict

Kiyotaka Toyota (Department of Neurosurgery, Koyama Memorial Hospital, Japan)

16:40-17:30 **Symposium VII Trigeminal Neuralgia / Specialized Treatments**

Chair: **Mitsuhiro Hasegawa** (Department of Neurosurgery, Fujita Health University Hospital)
Kenichi Amagasaki (Department of Neurosurgery, Mitsui Memorial Hospital)

H-1

(8mins)

Internal Neurolysis for Trigeminal Neuralgia without Vascular Compression

Keisuke Onoda (Department of Neurosurgery, International University of Health and Welfare, School of Medicine, Narita Hospital)

H-2

(8mins)

Efficacy of Internal Neurolysis for Recurrent Trigeminal Neuralgia After Microvascular Decompression

Shinya Tabata (Mito Brain Heart Center)

H-3

(8mins)

Surgical management of the trigeminocerebellar artery in microvascular decompression for trigeminal neuralgia

Yukihiro Goto (Department of Neurosurgery, Koto Memorial Hospital)

H-4

(8mins)

Surgical Concept and Long-Term Outcomes of Case-by-Case Procedures for Trigeminal Neuralgia Caused by the Trigemino-cerebellar Artery (TCA)

Norio Ichimasu (Hachioji Medical Center, Tokyo Medical University, Tokyo, JAPAN)

H-5

(8mins)

Clinical Significance and Surgical Strategy of Aberrant Arteries in Trigeminal Neuralgia

Yoshihisa Kawano (Department of Neurosurgery, Institute of Science Tokyo, Tokyo, Japan)

17:35-18:15

Oral II**Vertebral Artery****Chair:****Toru Hatayama** (Mito Brain Heart Center)**Masahito Kobayashi** (Department of Neurosurgery, Saitama Medical University Hospital)**I-1**

(8mins)

Temporary Spacer-Guided Transposition for Vertebrobasilar Artery Decompression in Trigeminal Neuralgia

Yoshinori Higuchi (Department of Neurological Surgery, Chiba University Graduate School of Medicine)

I-2

(8mins)

Microvascular Decompression for Facial Spasm and Trigeminal Neuralgia Associated with Vertebrobasilar Artery

Tutomu Ichinose (Department of Neurosurgery)

I-3

(8mins)

Long-Term Outcomes Of Vertebral Artery Transportation Using Absorbable Materials In Microvascular Decompression Surgery For Hemifacial Spasm

Kei Nomura (Department of Neurosurgery, Toyohashi Heart Center)

I-4

(8mins)

Simplifying Complex VA Transposition in HFS: The Wedge-Technique with Teflon and Fibrin Glue

Yoichi Nonaka (Department of Neurosurgery, Tokai University, School of Medicine)

13:20-14:10

Poster I**Hemifacial Spasm****Chair:****Kazuhide Shimizu** (Department of Neurosurgery, Institute of Science Tokyo)**P1-1**

(7mins)

Personality traits and their effects in patients with hemifacial spasm

Seunghoon Lee (Department of Neurosurgery, Samsung Medical Center, Sungkyunkwan University School of Medicine)

P1-2

(7mins)

Surgery for hemifacial spasm with blepharospasm: Improvement of both symptoms

Hidefumi Tabata (Aomori City Hospital)

P1-3

(7mins)

Successful MVD for Hemifacial Spasm Caused by AICA Penetrating Between the Facial Nerve and Nervus Intermedius

Yuji Takano (Department of Neurosurgery, Institute of Science Tokyo)

P1-4

(7mins)

The Management Of Residual Or Recurrent Hemifacial Spasm After Microvascular Decompression

Ryan Wing Yuk Chan (Department of Neurosurgery, Taipei Medical University Hospital, Taipei 11031, Taiwan;)

P1-5

(7mins)

The Effects of Flow Velocity of Offending Vessels on the Disappearance of the Lateral Spreading Response in Hemifacial Spasm Patients Undergoing Microvascular Decompression

Junhyung Kim (Yonsei University College of Medicine)

14:10-15:10 **Poster II** **TN, GPN, VA**

Chair: **Yoshinori Higuchi** (Department of Neurological Surgery, Chiba University Graduate School of Medicine)

P2-1 **Successful microvascular decompression of simultaneous trigeminal neuralgia and hemifacial spasm caused by tortuous vertebrobasilar arteries**

(7mins)

Young Seok Park (Chungbuk National University, Cheongju, Korea)

P2-2 **Morphological analysis of the trigeminal nerve in trigeminal neuralgia using the nerve's centerline and multiple cross-sections of a 3D model ~Difference between arterial and venous compression ~**

(7mins)

Takamaro Takei (Department of Neurosurgery, @Institute of Science Tokyo)

P2-3 **Microvascular decompression for glossopharyngeal neuralgia using the transcondylar fossa approach: long-term follow-up results**

(7mins)

Kohei Inoue (Department of Neurosurgery, Saga University)

P2-4 **Treatment Options for Elderly Patients with Painful Traumatic Trigeminal Neuropathy**

(7mins)

Chang Kyu Park (Kyung Hee University Hospital)

P2-5 **Distinct Vertebrobasilar Arterial Tortuosity in Neurovascular Compression Syndromes: A Comparative Analysis with Aneurysm and Brain Screening Cohorts**

(7mins)

Yuya Nishiyama (Department of Neurosurgery, Fujita Health University)

P2-6 **Improvement of cochlea-vestibular nerve compression syndrome after parent artery occlusion for vertebral artery dissecting aneurysm**

(7mins)

Masahiro Okuma (Nakamura Memorial South Hospital)

18:15-

Closing Ceremony

• **PR for Next ACMVDS** • **Closing Remarks**