

# DAY1

Monday, February 2, 2026 (The 11th Joint Neurosurgical Convention)

8:00 a.m. - 8:05 a.m.

## Opening Remarks

Co-president: Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)  
Masahiro Shimizu (*Kanto Neurosurgical Hospital*)

8:05 a.m. - 8:20 a.m.

## Special Lecture 1

Moderator: Kazuo Hashi (*Center of Neurological Science, Shinsapporo Neurosurgical Hospital*)

### 1-1. Current Status and Future Prospects of Endoscopic Surgery for Intraparenchymal Brain Tumors

15 min.

YOSHIKI ARAKAWA

*Department of Neurosurgery, Kyoto University*

8:20 a.m. - 8:58 a.m.

## Cerebrovascular Session 1

Moderator: Ichiro Nakagawa (*Neurosurgery, Nara Medical University*)

### 2-1. Neurosurgical treatment for brain AVMs using intraarterial ICG videoangiography

15 min.

YASUSHI TAKAGI

*Department of Neurosurgery, Tokushima University*

### 2-2. Usefulness of transcranial motor evoked potential in clipping surgery for cerebral aneurysms

15 min.

#### -Introduction of a new protocol for stable monitoring-

TATSUYA SASAKI, Yoshiharu Takahashi, Yuhei Sangatsuda, Akira Ito, Kazuha Sagiya, Masakazu Suzuki, Keiko Nakagawa, Toshiki Endo  
*Neurosurgery, Tohoku Medical and Pharmaceutical University*

### 2-3. Safety and Efficacy of Flow Diverter Stent Treatment for Vertebral Artery Dissection Presenting with

8 min.

#### Ischemic Stroke

YUTO SHINGAI<sup>1)</sup>, Hiroyuki Sakata<sup>2)</sup>, Shunsuke Omodaka<sup>3)</sup>, Ryosuke Tashiro<sup>2)</sup>, Hidenori Endo<sup>2)</sup>

<sup>1)</sup> *Neurosurgery, Kohnan Hospital*

<sup>2)</sup> *Neurosurgery, Tohoku University Hospital*

<sup>3)</sup> *Endovascular Neurosurgery, Kohnan Hospital*

9:05 a.m. - 10:03 a.m.

## Cerebrovascular Session 2

Moderators: Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)  
Hideyuki Yoshioka (*Neurosurgery, University of Yamanashi*)

### 3-1. The Art of the Clip: Microsurgery Clipping Strategies for Complex Cerebral Aneurysms

20 min.

JAMES K. LIU

*Skull Base Institute of New Jersey*

### 3-2. Surgical Technique and Perioperative Managements for Moyamoya Disease – TOYAMA Experience

15 min.

SATOSHI KURODA, Shusuke Yamamoto, Emiko Hori, Daina Kashiwazaki, Naoki Akioka

*Neurosurgery, University of Toyama*

### 3-3. Surgical Strategy of Flow Diversion with Bypass for Difficult Unclippable Aneurysms

15 min.

ATSUSHI SAITO

*Neurosurgery, Hirosaki University Graduate School of medicine*

**3-4. Analysis of vascular perfusion territory using selective intraarterial injection CT angiography before and after revascularization surgery in patients with moyamoya disease**

8 min.

TORU TATEOKA, Hideyuki Yoshioka, Koji Hashimoto, Norito Fukuda, Ryo Horiuchi, Hiroyuki Kinouchi  
*Neurosurgery, University of Yamanashi*

**10:10 a.m. - 11:27 a.m.**

**Spine Session 1**

Moderators: Ryu Kurokawa (*Department of Neurosurgery, Dokkyo Medical University*)  
Toshiki Endo (*Neurosurgery, Tohoku Medical and Pharmaceutical University*)

**4-1. Sodium Fluorescein-Guided Surgery in Intramedullary Cervical Spinal Cord Ependymoma**

15 min.

LUCIANO MASTRONARDI, Silvia Michelini, Amer Alomari, Ettore Carpineta, Flavia Frascchetti  
*Neurosurgery, San Filippo Neri Hospital of Rome*

**4-2. Fully endoscopic keyhole transcranial surgery for various cranial base lesions**

15 min.

KENICHI OYAMA<sup>1)</sup>, Tomoyuki Naito<sup>1)</sup>, Hisashi Ishikawa<sup>1)</sup>, Yusuke Tabei<sup>1)</sup>, Takeshi Suma<sup>1)</sup>, Akira Matsuno<sup>1,2)</sup>  
<sup>1)</sup> *Neurosurgery, International University of Health & Welfare Mita Hospital*  
<sup>2)</sup> *Neurosurgery, International University of Health & Welfare Narita Hospital*

**4-3. Surgical strategy for intramedullary tumors**

15 min.

TOSHIKI ENDO  
*Neurosurgery, Tohoku Medical and Pharmaceutical University*

**4-4. The inner angle of lamina: an anatomical landmark during minimally invasive surgery of the lumbar spine.**

8 min.

RYU KUROKAWA  
*Department of Neurosurgery, Dokkyo Medical University*

**4-5. Anterior Cervical Abscess Following Discectomy and Fusion: Implications for Atypical Pathogen Vigilance.**

8 min.

HELEN HALL<sup>1)</sup>, Finley Bettsworth<sup>1)</sup>, Imran Haq<sup>1,2)</sup>, Mario Ganau<sup>1,3,4)</sup>  
<sup>1)</sup> *Medical Sciences Division, University of Oxford*  
<sup>2)</sup> *Department of Neurosurgery, The National Hospital for Neurology and Neurosurgery, London*  
<sup>3)</sup> *Nuffield Department of Clinical Neurosciences, University of Oxford*  
<sup>4)</sup> *School of Medicine, BAU International University Batumi*

**4-6. Diagnosis and treatment of thoracic myelopathy with diagonal compression by unilateral OLF and contralateral herniation**

8 min.

TADAO MATSUSHIMA, Keiichi Kubota, Makoto Saito, Sumito Okuyama, Junko Matsuyama, Atsuhito Takemura, Shinjitsu Nishimura, Kazuo Watanabe  
*Neurosurgery, Southern TOHKOU General Hospital*

**4-7. Dorsal arachnoid web of thoracic spine: Scalpel sign and dye injection technique**

8 min.

SHINJU MATSUOKA, Ryo Kayama, Hideki Kashiwagi, Akihiro Kambara, Tomohiro Ihata, Yoshiki Fujikawa, Masao Fukumura, Ryokichi Yagi, Toshihiro Takami, Masahiko Wanibuchi  
*Neurosurgery, Osaka Medical and Pharmaceutical University*

**11:35 a.m. - 12:37 p.m.**

**Skull Base Session 1**

Moderators: Akitsugu Kawashima (*Neurosurgery, St. Luke's International Hospital*)  
Shunsuke Sato (*Neurosurgery, Southern TOHOKU Research Institute for Neuroscience*)

**5-1. Our surgical procedure and strategy for sellar lesions focusing on transsphenoidal surgery**

15 min.

MASAMICHI KUROSAKI, Takafumi Ogura  
*Division of Neurosurgery, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University*

**5-2. Early surgery preserves vision in asymptomatic skull base meningiomas involving the anterior visual pathway**

15  
min.

TAKAKAZU KAWAMATA, Seiichiro Eguchi, Shuhei Morita, Koji Yamaguchi, Kosaku Amano  
*Neurosurgery, Tokyo Women's Medical University*

**5-3. Dural Reconstruction of the Internal Auditory Canal Using Collagen Matrix in Retrosigmoid Vestibular Schwannoma Surgery**

8  
min.

OSAMU AKIYAMA, Yuzaburo Shimizu, Ryo Miyahara, Takuma Kodama, Akihide Kondo  
*Neurosurgery, Juntendo University Faculty of Medicine, Tokyo, Japan*

**5-4. Risk factors for postoperative decline of factor XIII activity in patients with normal preoperative FXIII undergoing craniotomy for brain tumors**

8  
min.

YOICHI UOZUMI, Hiroto Kajimoto, Yuichi Fujita, Hiroaki Nagashima, Yosuke Fujimoto, Kazuhiro Tanaka, Hidehito Kimura, Takashi Sasayama  
*Department of Neurosurgery, Kobe University Graduate School of Medicine*

**5-5. Utility of Combined Endoscopic Endonasal and Keyhole Craniotomy in the Management of Parasellar Tumors**

8  
min.

SHUNSUKE SHIBAO<sup>1)</sup>, Yusuke Morinaga<sup>1)</sup>, Akira Itoh<sup>1)</sup>, Kei Iwamoto<sup>1)</sup>, Takashi Kashiwagi<sup>2)</sup>, Yasuhiro Tsunemi<sup>2)</sup>, Ryu Kurokawa<sup>1)</sup>, Hiroyoshi Akutsu<sup>1)</sup>  
<sup>1)</sup> *Neurosurgery, Dokkyo Medical University*  
<sup>2)</sup> *Otolaryngology–Head and Neck Surgery, Dokkyo Medical University*

**5-6. The transsigmoid approach can widen the operative field anteriorly by 2cm in the cadaveric study**

8  
min.

YUSUKE KINOSHITA<sup>1)</sup>, Takeshi Muraki<sup>1)</sup>, Michinari Okamoto<sup>1)</sup>, Shogo Endo<sup>1)</sup>, Katsuhiko Maruichi<sup>1)</sup>, Hiroyuki Kobayashi<sup>1)</sup>, Naoki Nakayama<sup>1)</sup>, Shunsuke Terasaka<sup>1)</sup>, Takanori Fukushima<sup>2)</sup>  
<sup>1)</sup> *Neurosurgery, Sapporo Hakuyokai Hospital*  
<sup>2)</sup> *Neurosurgery, Duke University*

## DAY2

Tuesday, February 3, 2026 (The 11th Joint Neurosurgical Convention)

7:00 a.m. - 7:30 a.m.

### Morning Seminar 1

Moderator: Hidenori Endo (*Department of Neurosurgery, Tohoku University Graduate School of Medicine*)

Co-sponsored by Kompath Corporation, The University of Tokyo, Medical Imaging Innovation Lab

#### 6-1. How Far Can Surgical Simulation Take Us in Skull Base Surgery? Practicality, Limitations, and

15 min.

##### Anatomical Integration Using GRID

SHUNYA HANAKITA

*Neurosurgery, Saitama Medical University, Saitama Medical Center*

#### 6-2. Connecting Neurosurgery: AI, XR, ICT, and Data-driven Innovation

15 min.

TAICHI KIN

*Department of Medical Information Engineering, Graduate School of Medicine, The University of Tokyo*

7:30 a.m. - 8:54 a.m.

### Epilepsy & Function Session

Moderators: Akinori Kondo (*Department of Neurosurgery, Shiroyama Brain-Spine-Neurology Center*)

Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

#### 7-1. Indications and Timings of Re-operation for Residual or Recurrent Hemifacial Spasm after Microvascular

15 min.

##### Decompression

TORU HATAYAMA

*Neurosurgery, Mito Brain Heart Center*

#### 7-2. The Role of Corpus Callosotomy in Epilepsy Management: A Retrospective Analysis of Combined

15 min.

##### Therapeutic Approaches

AKIHIDE KONDO, Hiroharu Suzuki, Yasushi Iimura

*Neurosurgery, Juntendo University Faculty of Medicine*

#### 7-3. Lessons learned from 265 AVM surgery: battle plans and clinical results

15 min.

HIROKI KURITA, Akio Teranishi, Yushiro Take, Tomomichi Kayahara, Takuma Maeda

*Department of Cerebrovascular Surgery, International Medical Center, Saitama Medical University*

#### 7-4. Surgery for intracranial schwannomas other than vestibular schwannoma

15 min.

MICHIHIRO KOHNO

*Department of Neurosurgery, Tokyo Medical University*

#### 7-5. Usefulness Of Keyhole Techniques For MVD

8 min.

SHINSUKE IRIE<sup>1)</sup>, Koji Saito<sup>1,2)</sup>, Kataoka Taketo<sup>1)</sup>, Toru Inagaki<sup>2)</sup>, Osamu Saito<sup>2)</sup>, Kazuki Tkaira<sup>1)</sup>

<sup>1)</sup> *Neurosurgery, Sapporo Kojinkai Memorial Hospital*

<sup>2)</sup> *Neurosurgery, Kushiro Kojinkai Memorial Hospital*

#### 7-6. Postoperative Improvement of Peritumoral Edema Predicts Favorable Seizure Control After Meningioma

8 min.

##### Resection

YUTARO ITABASHI<sup>1)</sup>, Shunya Hanakita<sup>2)</sup>, Soichi Oya<sup>1)</sup>

<sup>1)</sup> *Department of Neurosurgery, Gunma University*

<sup>2)</sup> *Department of Neurosurgery, Saitama Medical Center*

## 7-7. Stereotactic Radiosurgery for Trigeminal Neuralgia: A Single Institutional Experience

8  
min.

GENEVIEVE MAE TORRES, Aldric Mikhail Aw, Ibet Marie Sih, Kenneth Sy  
*Neurosurgery, St. Luke's Medical Center - Quezon City*

9:05 a.m. - 9:20 a.m.

## Special Lecture 2

Moderator: Hiroyuki Kinouchi (*University of Yamanashi*)

## 8-1. Modern Strategies in The Management of Unruptured Brain AVMs

15  
min.

HIDENORI ENDO

*Department of Neurosurgery, Tohoku University Graduate School of Medicine*

9:20 a.m. - 10:37 a.m.

## Tumor Session 1

Moderators: Ryuta Saito (*Neurosurgery, Nagoya University Graduate School of Medicine*)

Satoshi Nakata (*Department of Neurosurgery, Gunma University*)

## 9-1. Micro-environment of meningioma

15  
min.

TIIT MATHIESEN, Jeppe Vinding Haslund, Andrea Maier, Ferderik Vilhardt, Didar Fares  
*Neurosurgery, University of Copenhagen*

## 9-2. Intraoperative Rapid Genetic Diagnosis Aids Surgery for Adult-type Diffuse Glioma

15  
min.

RYUTA SAITO, Fumiharu Ohka, Shoichi Deguchi, Yoshiki Shiba  
*Neurosurgery, Nagoya University Graduate School of Medicine*

## 9-3. Clinical Utility of AI-Driven Fusion 3DCG and XR-Assisted Surgical Simulation in Neurosurgery: A 1,497-

15  
min.

### Case Experience

TAICHI KIN<sup>1,2)</sup>, Toki Saito<sup>1)</sup>, Naoyuki Shono<sup>2)</sup>, Ryoko Niwa<sup>2)</sup>, Takuya Yoshida<sup>2)</sup>, Kei Kawaguchi<sup>2)</sup>, Jiang Xiaohang<sup>2)</sup>, Satoru Miyawaki<sup>2)</sup>, Nobuhito Saito<sup>2)</sup>

<sup>1)</sup> *Department of Medical Information Engineering, Graduate School of Medicine, The University of Tokyo*

<sup>2)</sup> *Department of Neurosurgery, The University of Tokyo*

## 9-4. BRAF V600E mutation induces TWIST1-mediated migration and leptomeningeal dissemination in glioblastoma

8  
min.

YOHEI MIYAKE, Kensuke Tateishi, Naoki Ikegaya, Tetsuya Yamamoto  
*Department of Neurosurgery, Yokohama City University*

## 9-5. Clinical Roles and Limitations of the 3D 4K Exoscope in Brain Tumor Surgery

8  
min.

TOSHIHIRO OGIWARA<sup>1)</sup>, Atsushi Sato<sup>2)</sup>, Sho Takata<sup>1)</sup>, Takehiro Uno<sup>1)</sup>, Keiichiro Torigoe<sup>1)</sup>, Shunsuke Shiraga<sup>1)</sup>, Kazuhiro Hongo<sup>2)</sup>, Yasuhiko Hayashi<sup>1)</sup>

<sup>1)</sup> *Department of Neurosurgery, Kanazawa Medical University*

<sup>2)</sup> *Department of Neurosurgery, Ina Central Hospital*

## 9-6. Quantitative Evaluation of 18F-Fluciclovine PET for Differentiating Gliomas from Non-glioma lesions

8  
min.

RYU SAITO, Mitsuto Hanihara, Hirofumi Kazama, Hideyuki Yoshioka, Hiroyuki Kinouchi  
*Neurosurgery, University of Yamanashi*

## 9-7. Integration of intraoperative information using middleware for awake craniotomy in glioma patients

8  
min.

YU FUJII, Daisuke Yamazaki, Ayana Imai, Tetsuyoshi Horiuchi  
*Neurosurgery, Shinshu University School of Medicine*

**10:45 a.m. - 12:06 p.m.**

## **Tumor Session 2**

Moderators: Takakazu Kawamata (*Neurosurgery, Tokyo Women's Medical University*)  
Akihide Kondo (*Neurosurgery, Juntendo University Faculty of Medicine*)

### **10-1. Neuromonitoring advances to push the extent of tumor resection**

20  
min.

WENYA LINDA BI

*Neurosciences Center, Brigham and Women's Hospital*

### **10-2. R-MPV Followed by Maintenance MPV in Elderly Patients with Newly Diagnosed Primary CNS**

15  
min.

#### **Lymphoma**

KAZUHIKO MISHIMA, Mistuaki Shirahata, Takuro Ehara, Masayoshi Fukuoka, Tomonari Suzuki,  
Shunichi Takayanagi

*Neuro-Oncology/Neurosurgery, Saitama Medical University, International Medical Center*

### **10-3. Bleeding during microneurosurgical procedures. Our experience with Tacho-Sil® in preventing hemorrhage complications**

15  
min.

LUCIANO MASTRONARDI, Amer Alomari, Felice Buscemi, Silvia Michelini, Vincenzo Gulino  
*Neurosurgery, San Filippo Neri Hospital of Rome*

### **10-4. Awake surgery preserving higher cognitive function for brain tumors**

15  
min.

MITSUTOSHI NAKADA

*Neurosurgery, Kanazawa University*

### **10-5. Towards a New Dawn for Neuro-Oncology: Nanomedicine at the Service of Drug Delivery for Primary and Secondary Brain Tumours**

8  
min.

HELEN HALL<sup>1)</sup>, Smita Khilar<sup>1)</sup>, Antonina Dembinska-Kenner<sup>1)</sup>, Nikolaos Symros<sup>2)</sup>, Gianfranco Ligarotti<sup>3)</sup>,  
Puneet Plaha<sup>1)</sup>, Vasileios Apostolopoulos<sup>1)</sup>, Salvatore Chibbaro<sup>4)</sup>, Giuseppe Maria Vincenzo Barbagallo<sup>5)</sup>, Mario Ganau<sup>1,6)</sup>

<sup>1)</sup> *Department of Neurosurgery, Oxford University Hospitals NHS Foundation Trust*

<sup>2)</sup> *School of Medicine, Aristotle University of Thessaloniki*

<sup>3)</sup> *Aerospace Medical Institute of Milan "A. Mosso", Italian Air Force*

<sup>4)</sup> *Neurosurgery Unit, Department of Medical and Surgical Sciences and Neurosciences, Siena University*

<sup>5)</sup> *Department of Neurological Surgery, Policlinico "G. Rodolico-S. Marco" University Hospital*

<sup>6)</sup> *Nuffield Department of Clinical Neurosciences, University of Oxford*

### **10-6. Preoperative Diagnosis of Adult-type Diffuse Glioma Combining Magnetic Resonance Spectroscopy and Machine Learning**

8  
min.

ARATA NAGAI<sup>1,2)</sup>, Masayuki Kanamori<sup>1)</sup>, Shunji Mugikura<sup>3)</sup>, Yoshiteru Shimoda<sup>1)</sup>, Yoshinari Osada<sup>1)</sup>,  
Shota Yamashita<sup>1)</sup>, Ryuta Saito<sup>4)</sup>, Yukihiro Sonoda<sup>5)</sup>, Hidenori Endo<sup>1)</sup>

<sup>1)</sup> *Department of Neurosurgery, Tohoku University Graduate School of Medicine*

<sup>2)</sup> *Department of Endovascular Neurosurgery, Kohnan Hospital*

<sup>3)</sup> *Department of Clinical Imaging, Tohoku University Graduate School of Medicine*

<sup>4)</sup> *Department of Neurosurgery, Nagoya University Graduate School of Medicine*

<sup>5)</sup> *Department of Neurosurgery, Faculty of Medicine, Yamagata University*

**12:15 p.m. - 12:54 p.m.**

## **Featured Topics**

Moderators: Tatsuya Sasaki (*Neurosurgery, Tohoku Medical and Pharmaceutical University*)  
Toshihiro Ogiwara (*Department of Neurosurgery, Kanazawa Medical University*)

### **11-1. Plasma sCLEC-2 as an Early Biomarker of Platelet Activation and Disease Severity in Aneurysmal Subarachnoid Hemorrhage**

15  
min.

HIDEYUKI YOSHIOKA<sup>1)</sup>, Koji Hashimoto<sup>1)</sup>, Toru Tateoka<sup>1)</sup>, Norito Fukuda<sup>1)</sup>, Ryo Horiuchi<sup>1)</sup>, Katsue Suzuki-Inoue<sup>2)</sup>,  
Hiroyuki Kinouchi<sup>1)</sup>

<sup>1)</sup> *Neurosurgery, University of Yamanashi*

<sup>2)</sup> *Clinical and laboratory medicine, University of Yamanashi*

#### 11-2. The brain check-up (Brain Dock) system in Japan

8  
min.

FUSAO IKAWA

*Department of Neurosurgery, Shimane Prefectural Central Hospital*

#### 11-3. CT-Guided Removal of a Penetrating Foreign Object (Metal Crossbow) Through the Superior Orbital

8  
min.

##### **Fissure in a 13 Year Old Male: a Case Report**

GENEVIEVE MAE TORRES<sup>1)</sup>, Allan Vonn Casallo<sup>2)</sup>

<sup>1)</sup> *Neurosurgery, St. Luke's Medical Center*

<sup>2)</sup> *Neurosurgery, Dr. Paulino J. Garcia Memorial Research and Medical Center*

#### 11-4. Surgical techniques and outcomes of posterior approach for ventral spinal meningiomas

8  
min.

SHINJU MATSUOKA, Masao Fukumura, Yoshiki Fujikawa, Ryokichi Yagi, Masahiro Kameda, Naosuke Nonoguchi, Motomasa Furuse, Shinji Kawabata, Toshihiro Takami, Masahiko Wanibuchi

*Neurosurgery, Osaka Medical and Pharmaceutical University*

## DAY3

Wednesday, February 4, 2026 (The 11th Joint Neurosurgical Convention)

7:00 a.m. - 8:00 a.m.

### Morning Seminar 2

Moderator: Hidenori Endo (*Department of Neurosurgery, Tohoku University Graduate School of Medicine*)

Co-sponsored by medicaLINE Group Co., Ltd.

#### 12-1. Prevention of Dementia: Practical methods

60  
min.

KAZUO HASHI

*Center of Neurological Science, Shinsapporo Neurosurgical Hospital*

8:00 a.m. - 9:02 a.m.

### Cerebrovascular Session 3

Moderators: Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

Ryosuke Shintoku (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

#### 13-1. Surgery for stroke prevention

15  
min.

MARTIN SAMES

*Department of Neurosurgery, University J.E.Purkyne, Masaryk Hospital*

#### 13-2. Pursuing Safety in Endovascular Treatment for Unruptured Cerebral Aneurysms: The Role of

15  
min.

##### Intraoperative Neurophysiological Monitoring

ICHIRO NAKAGAWA, Masashi Kotsugi, Shohei Yokoyama, Hiromichi Hayami, Tomoya Okamoto, Yudai Morisaki, Tomoya Sofue, Shuichi Yamada

*Neurosurgery, Nara Medical University*

#### 13-3. Usefulness of Orbitocranial Approach for The Aneurysms Arising from the Middle Cerebral Artery

8  
min.

##### Proximal to The Limen Insulae

EMIKO HORI, Satoshi Kuroda

*Neurosurgery, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama*

#### 13-4. Surgical Management of Distal Anterior Cerebral Artery Aneurysms Utilizing Revascularization

8  
min.

##### Techniques: A Retrospective Analysis of Four Cases

KAZUKI KUSHI, Eriko Kamijo, Koki Ito, Tatsuki Mochiduki, Taku Nonaka, Shinsuke Sato, Tatsuya Inoue, Yukiko Tsutsumi, Yasunari Niimi, Akitsugu Kawashima

*Neurosurgery, St. Luke's international hospital*

#### 13-5. The review of MeVO treatment and cases requiring consideration

8  
min.

HIROFUMI MATSUBARA, Shoji Yasuda, Yusuke Egashira, Yukiko Enomoto, Tsuyoshi Izumo

*Neurosurgery, Gifu University Graduate School of Medicine*

#### 13-6. Causality Assessment of Suspected Drug-Related Fatal Cerebral Haemorrhage: Reporting

8  
min.

##### Considerations for Neurosurgeons

MIKI OHTA

*Clinical Research Promotion Center, The University of Tokyo Hospital*



**9:10 a.m. - 10:12 a.m.**

## **Cerebrovascular Session 4**

Moderators: Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

Emiko Hori (*Neurosurgery, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama*)

### **14-1. Lateral supraorbital approach for aneurysm surgery: basic concepts and technical advances**

15 min.

AKITSUGU KAWASHIMA

*Neurosurgery, St. Luke's International Hospital*

### **14-2. Learning from Intraoperative Adverse Events in Neurosurgery: A Review of Salvage Techniques and Educational Imperatives**

15 min.

FUSAO IKAWA

*Department of Neurosurgery, Shimane Prefectural Central Hospital*

### **14-3. Parent Artery Diameter Predicts Changes in Embolic Status of Ruptured Cerebral Aneurysms Treated with Body Filling Coil Embolization**

8 min.

RYOSUKE SHINTOKU, Masanori Aihara, Soichi Oya

*Department of Neurosurgery, Gunma University Graduate School of Medicine*

### **14-4. Analysis of Cases Ineligible for Staged Angioplasty for Carotid Artery Stenosis with Impaired Cerebral Hemodynamic Reserve**

8 min.

TOMOYA SOFUE, Masashi Kotsugi, Shohei Yokoyama, Yudai Morisaki, Hiromichi Hayami, Yumi Ko,

Tomoya Okamoto, Kengo Yamada, Shuichi Yamada

*Neurosurgery, Nara medical university hospital*

### **14-5. Transarterial Onyx-18 Embolization of a Right Posterior Condylar Dural AV Fistula in a 38-Year-Old Filipino Male: Presentation and Complications**

8 min.

GENEVIEVE MAE TORRES, Charlene Mary Mercado, Jay Villavicencio, Ibet Marie Sih

*Neurosurgery, St. Luke's Medical Center - Quezon City*

### **14-6. Postoperative vascularization after collagen matrix versus conventional duraplasty in Moyamoya disease: A retrospective cohort study**

8 min.

IZUMI YAMAGUCHI, Yasuhisa Kanematsu, Kenji Shimada, Masaaki Korai, Takeshi Miyamoto, Shu Sogabe,

Manabu Ishihara, Tatsuya Haboshi, Yasushi Takagi

*Neurosurgery, Tokushima University Graduate School of Biomedical Sciences*

**10:20 a.m. - 11:13 a.m.**

## **Skull Base Session 2**

Moderators: Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

Kentaro Watanabe (*Neurosurgery, The Jikei University School of Medicine*)

### **15-1. Update on Meningioma EOR**

15 min.

TIIT MATHIESEN, Jeppe Vinding Haslund

*Neurosurgery, University of Copenhagen*

### **15-2. Preoperative vestibular testing for vestibular schwannoma: vestibular nerve of origin, cisternal course of facial nerve and optimization of surgical strategy**

15 min.

LUCIANO MASTRONARDI

*Neurosurgery, San Filippo Neri Hospital of Rome*

### **15-3. Exoscope: The First Choice for Brain tumor surgery**

15 min.

TETSUYA YAMAMOTO, Youhei Miyake, Masaki Sonoda, Takeshi Hongo, Kensuke Tateishi

*Department of Neurosurgery, Yokohama City University*

#### 15-4. Comparison of Microscopic and Exoscopic Surgery for Vestibular Schwannoma: Surgical Outcomes of



#### ORBEYE and Predictors of Tumor Recurrence

KENTARO WATANABE, Nobuyuki Watanabe, Kohei Ishikawa, Yuichi Murayama

*Neurosurgery, The Jikei University School of Medicine*

## DAY4

Thursday, February 5, 2026 (The 11th Joint Neurosurgical Convention)

8:00 a.m. - 8:46 a.m.

### Skull Base Session 3

Moderators: Shunya Hanakita (*Neurosurgery, Saitama Medical University, Saitama Medical Center*)

Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

#### 16-1. A novel surgical strategy for trigeminal neuralgia associated with vertebrobasilar dolichoectasia; Nerve rerouting technique

8 min.

KOKI NAKAZATO<sup>1,2)</sup>, Masanori Aihara<sup>1)</sup>, Yutaro Itabashi<sup>1)</sup>, Naoto Mukada<sup>1)</sup>, Soichi Oya<sup>1)</sup>

<sup>1)</sup> *Neurosurgery, Gunma University Graduate School of Medicine*

<sup>2)</sup> *Neurosurgery, Tatebayashi Kosei General Hospital*

#### 16-2. Cerebral Venous Sinus Thrombosis Risk in Inflammatory Bowel Disease Patients Undergoing Neurosurgery: A Comprehensive Review and Evidence-Based Perioperative Management Guidelines

8 min.

KENTARO WATANABE

*Neurosurgery, The Jikei University School of Medicine*

#### 16-3. NEW TECHNOLOGIES AVAILABLE FOR MICRONEUROSURGICAL REMOVAL OF ACOUSTIC NEUROMAS. PERSONAL EXPERIENCE IN A SERIES OF 400 CONSECUTIVE CASES

15 min.

LUCIANO MASTRONARDI

*Neurosurgery, San Filippo Neri Hospital of Rome*

#### 16-4. Endoscopic endonasal pre-lacrimal transmaxillary approach for skull base tumors involving the middle cranial fossa

15 min.

SHUNYA HANAKITA

*Neurosurgery, Saitama Medical University, Saitama Medical Center*

8:55 a.m. - 9:49 a.m.

### Cerebrovascular Session 5

Moderators: Masahiro Shimizu (*Kanto Neurosurgical Hospital*)

Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

#### 17-1. Which aneurysms are indicated for clipping today

15 min.

MARTIN SAMES

*Department of Neurosurgery, University J.E.Purkyne, Masaryk Hospital*

#### 17-2. Role of direct surgery for recurrent aneurysms after endovascular treatment.

15 min.

TSUYOSHI IZUMO

*Neurosurgery, Gifu University Graduate School of Medicine*

#### 17-3. Okinawan Moyamoya Disease in Hawaii: Moyamoya Spectrum Disorder

8 min.

KAITLYNN WEISS<sup>1)</sup>, Amanda Lee<sup>2)</sup>, Melvin Wong<sup>1)</sup>

<sup>1)</sup> *University of Hawaii*

<sup>2)</sup> *Creighton University*

#### 17-4. Successful Mechanical Thrombectomy Followed by Carotid Artery Stenting for Tandem Cervical-Intracranial Occlusion Secondary to Internal Carotid Artery Dissection: A Case Report

8 min.

HANAKA ITO, Rikiya Kamenoi, Akinori Onuki, Kyohei Saito, Banri Segawa, Yuta Kobayashi, Kazuomi Horiuchi, Masahiro Oinuma, Zenichiro Watanabe, Sadayoshi Watanabe, Kazuo Watanabe

*Neurosurgery, Southern Tohoku General Hospital*

**17-5. A case of recurrent spinal dural arteriovenous fistula (SDAVF) treated with a steerable microcatheter**



KYOHEI SAITO, Akinori Onuki, Banri Segawa, Rikiya Kamenno, Yuta Kobayashi, Ryoji Munakata, Kazuomi Horiuchi, Masahiro Oinuma, Zenichiro Watanabe, Sadayoshi Watanabe, Kazuo Watanabe

*Neurosurgery, Southern TOHOKU Research Institute for Neuroscience Southern TOHOKU General Hospital*

**10:00 a.m. - 10:05 a.m.**

**Closing Remarks**

Co-president: Soichi Oya (*Department of Neurosurgery, Gunma University Graduate School of Medicine*)

Masahiro Shimizu (*Kanto Neurosurgical Hospital*)

**P1. Development of Data Glove–Linked Virtual Reality System for Rehabilitation After Neurosurgery: Effects of Success/Failure on Sense of Agency and Dorsolateral Prefrontal Cortex Activity**

KEISUKE IRIE, Kengo Fujiwara, Yuto Iwanaga, Nan Liang

*Clinical Cognitive Neuroscience, Advanced Occupational Therapy, Human Health Sciences, Graduate School of Medicine, Kyoto University*

**P2. Balloon- and catheter-assisted coil embolization for a ruptured wide-neck basilar tip aneurysm: A case report.**

JUN AOKI, Hironori Takahashi, Hiroki Yamada, Kazuma Kowata, Kazunori Akaji

*Neurosurgery, Institute of Brain and Blood Vessels Mihara Memorial Hospital*

**P3. Endoscopic Third Ventriculostomy for Unexplained Shunt Malfunction in a Patient with Fourth Ventricle Outlet Obstruction: A Case Report**

JUNSHI CHO<sup>1)</sup>, Keisuke Ohnaka<sup>2)</sup>, Ryu Sakurai<sup>1)</sup>, Reo Kawaguchi<sup>1)</sup>, Manabu Sumiyoshi<sup>1)</sup>, Osamu Saito<sup>1)</sup>, Toru Inagaki<sup>1)</sup>, Shinsuke Irie<sup>1)</sup>, Hiroshi Nakagawa<sup>1)</sup>, Koji Saito<sup>1)</sup>

<sup>1)</sup> *Neurosurgery, Kushiro Kojinkai Memorial Hospital*

<sup>2)</sup> *Neurosurgery, Tsuchiura Kyodo General Hospital*

**P4. Lipopolysaccharide from periodontal bacteria influences the incidence of subarachnoid hemorrhage**

NORIYA ENOMOTO, Takeshi Miyamoto, Hiroshi Koyama, Izumi Yamaguchi, Masaaki Korai, Yoshiteru Tada, Kenji Shimada, Keiko Kitazato, Yasushi Takagi

*Neurosurgery, Tokushima University*

**P5. Two Cases of CSF Leakage in Young Adults with Higher Brain Dysfunction as the Chief Complaint**

KEIJIRO HARA, Taku Matsuda, Kazuo Miyake, Yasushi Takagi

*Neurosurgery, Tokushima University Hospital*

**P6. Diffuse hemispheric glioma, H3 G34-mutant mimicking methotrexate related lymphoproliferative disorders**

AYANA IMAI<sup>1)</sup>, Yu Fujii<sup>1)</sup>, Mana Wakabayashi<sup>1)</sup>, Yuki Kubota<sup>1)</sup>, Mai Iwaya<sup>2)</sup>, Tetsuyoshi Horiuchi<sup>1)</sup>

<sup>1)</sup> *Neurosurgery, Shinshu University School of Medicine*

<sup>2)</sup> *Laboratory Medicine, Shinshu University School of Medicine*

**P7. Successful Management of Refractory *Serratia marcescens* Subdural Abscess Following Craniotomy Using Intrathecal Gentamicin**

YUTA KAZAMA, Rikiya Kamenno, Akinori Onuki, Kyohei Saito, Banri Segawa, Yuta Kobayashi, Kazuomi Horiuchi, Masahiro Oinuma, Zenichiro Watanabe, Sadayoshi Watanabe, Kazuo Watanabe

*Department of Neurosurgery, Southern Tohoku General Hospital*

**P8. Outcomes of Single-Level Anterior Cervical Decompression and Fusion Without Anterior Plate**

YONGSON KIM<sup>1)</sup>, Tomohiro Murakami<sup>1)</sup>, Hitoshi Hayase<sup>1)</sup>, Hiroshi Nakagawa<sup>2)</sup>, Koji Saito<sup>1,2)</sup>

<sup>1)</sup> *Spinal Cord Surgery Department, Sapporo Kojinkai Memorial Hospital*

<sup>2)</sup> *Neurosurgery Department, Kushiro Kojinkai Memorial Hospital*

**P9. Clinical Utility of 3D-Printed Models in the Endovascular Treatment of Cerebral Aneurysms**

KAZUMA KOWATA<sup>1)</sup>, Kazunori Akaji<sup>2)</sup>, Jun Aoki<sup>2)</sup>, Hironori Takahashi<sup>2)</sup>, Hiroki Yamada<sup>2)</sup>

<sup>1)</sup> *stroke and cerebrovascular disease, Mihara Memorial Hospital*

<sup>2)</sup> *neurosurgery, Mihara Memorial Hospital*

**P10. Treatment Outcomes of Tentorial Dural AVFs: Comparative Analysis of ONYX and NBCA**

NAOKO MIYAMOTO, Keigo Aramaki, Shin Takatama, Tomoyuki Iwai, Isao Naito

*Department of Neurosurgery, Geriatrics Research Institute and Hospital*

**P11. PCA involvement contributes collateral development after revascularization surgery for MMD**

TAKESHI MIYAMOTO, Izumi Yamaguchi, Manabu Ishihara, Masaaki Korai, Kenji Shimada, Yasushi Takagi  
*Neurosurgery, Tokushima University Hospital*

**P12. A Case of Anterior Cranial Fossa Dural Arteriovenous Fistula Treated with Transvenous Embolization**

AKIRA MUNAKATA<sup>1)</sup>, Takahiro Morita<sup>2)</sup>, Ryuichi Munakata<sup>1,2)</sup>, Takeshi Katagai<sup>1,2)</sup>, Atsushi Saito<sup>2)</sup>

<sup>1)</sup> *Department of Neurosurgery, Seihokugo Region Union Tsugaru General Hospital*

<sup>2)</sup> *Department of Neurosurgery, Hirosaki University Graduate School of Medicine*

**P13. A Rare Case of Transverse–Sigmoid Sinus Dural Arteriovenous Fistula Detected Three Years After Microvascular Decompression**

RYUICHI MUNAKATA<sup>1,2)</sup>, Takashi Katagai<sup>1)</sup>, Akira Munakata<sup>1)</sup>, Takahiro Morita<sup>2)</sup>, Ryota Watanabe<sup>1,2)</sup>, Atsushi Saito<sup>2)</sup>

<sup>1)</sup> *Neurosurgery, Tsugaru general hospital*

<sup>2)</sup> *Neurosurgery, Hirosaki University Graduate School of Medicine*

**P14. Early Positive Fluid Balance as a Clinical Marker of Systemic Capillary Leak and Clazosentan Intolerance After Aneurysmal Subarachnoid Hemorrhage**

SHINSUKE MURAOKA<sup>1)</sup>, Takashi Izumi<sup>1)</sup>, Kazuki Nishida<sup>2)</sup>, Basile Chrétien<sup>3)</sup>, Issei Takeuchi<sup>1)</sup>, Masahiro Nishihori<sup>1)</sup>, Shunsaku Goto<sup>1)</sup>, Ryuta Saito<sup>1)</sup>

<sup>1)</sup> *Neurosurgery, Nagoya University Graduate School of Medicine*

<sup>2)</sup> *Biostatistics, Kyoto University School of Public Health*

<sup>3)</sup> *International Medical Education, Nagoya University Graduate School of Medicine*

**P15. Preclinical research at Gunma University on DNA-damage sensitization therapy for malignant brain tumors**

SATOSHI NAKATA, Chinatsu Kakinuma, Sho Osawa, Keishi Horiguchi, Soichi Oya

*Department of Neurosurgery, Gunma University*

**P16. A Case of Pseudarthrosis with Cement Migration after Vertebral Body Stenting Requiring Salvage Surgery**

SHINICHI NUMAZAWA<sup>1)</sup>, Yasunobu Itoh<sup>1)</sup>, Ryuzaburo Kanazawa<sup>1)</sup>, Ryo Kitagawa<sup>1)</sup>, Youta Zushi<sup>1)</sup>, Takao Kono<sup>1)</sup>, Kentaro Mori<sup>1)</sup>, Jyun Sakai<sup>1)</sup>, Hirotaka Yoshida<sup>1)</sup>, Mizuho Inoue<sup>1)</sup>, Yoshinari Hirano<sup>1)</sup>, Sadayoshi Watanabe<sup>2)</sup>, Kazuo Watanabe<sup>2)</sup>

<sup>1)</sup> *Neurosurgery, Tokyo General Hospital*

<sup>2)</sup> *Neurosurgery, Southern TOHOKU Research Institute for Neuroscience Southern TOHOKU General Hospital*

**P17. Establishing a Multidisciplinary Pituitary and Neuroendoscopy Center in a Community Hospital: A Model for Regional Specialized Care**

TOSHIHIRO OGIWARA<sup>1)</sup>, Atsushi Sato<sup>2)</sup>, Kazuhiro Hongo<sup>2)</sup>, Osamu Tachibana<sup>1)</sup>, Yasuhiko Hayashi<sup>1)</sup>

<sup>1)</sup> *Department of Neurosurgery, Kanazawa Medical University*

<sup>2)</sup> *Department of Neurosurgery, Ina Central Hospital*

**P18. Adjunctive supraorbital keyhole drainage for bilateral frontal epidural abscess related to chronic sinusitis**

ASUKA SASAO, Kyouya Sakasita, Hime Suzuki, Yoshihumi Horita, Takeshi Mikami

*Neurosurgery, Sapporo City General Hospital*

**P19. Ten-Year Experience of Botulinum Toxin Therapy for Spasticity: Analysis of 590 Session in 90 patients**

MASAHIRO SATO

*Neurosurgery, Fujita Municipal General Hospital*

**P20. The Clinical Safety of Extracellular Vesicles Derived from Umbilical Cord Stem cells in Patients with Lifestyle-Related Diseases and Infertility**

HIROFUMI SUGIMOTO, Shingo Miyamoto, Mao Yamada, Kil-Won Kwon, Mayumi Isami, Koji Saito

*Regenerative Medicine Center, Kushiro Kojinkai Memorial Hospital*

**P21. Spinal cord tumor removal through osteoplastic laminotomy**

MANABU SUMIYOSHI, Hiroshi Nakagawa, Koji Saito  
*Neurosurgery, Kushiro Kojinkai Memorial Hospital*

**P22. Spinal intraosseous epidural AVF : A Case Report**

ISSEI TAKEUCHI, Takashi Izumi, Masahiro Nishihori, Shinsuke Muraoka, Shunsaku Goto, Ryuta Saito  
*Neurosurgery, Nagoya University Graduate School of Medicine*

**P23. Influence of Perioperative Three-Dimensional Computed Tomography (CT) Angiography and Surgical Clipping for Unruptured Cerebral Aneurysms on Renal Function in Patients with Chronic Kidney Disease**

AKIO TERANISHI<sup>1)</sup>, Hidetoshi Oigawa<sup>2)</sup>, Shozuhara Natsuki<sup>1)</sup>, Masaya Nishikata<sup>1)</sup>, Yusuke Yamaki<sup>1)</sup>, Shiho Sakai<sup>1)</sup>, Noboru Ishino<sup>1)</sup>, Takuma Maeda<sup>1)</sup>, Yushiro Take<sup>1)</sup>, Tomomichi Kayahara<sup>1)</sup>, Hiroki Kurita<sup>1)</sup>  
<sup>1)</sup> *Department of Neurosurgery, International Medical Center, Saitama Medical University*  
<sup>2)</sup> *Department of Neurosurgery, Tokorozawa Mihara General Hospital*

**P24. The novel technique of endoscopic intraventricular abscess removal**

HIROKI UCHIDA<sup>1)</sup>, Kokoro Kawamura<sup>1)</sup>, Youhei Takeuchi<sup>1)</sup>, Taketo Nishizawa<sup>1)</sup>, Kenichi Sato<sup>1)</sup>, Masayuki Ezura<sup>1)</sup>, Hidenori Endo<sup>2)</sup>  
<sup>1)</sup> *Neurosurgery, National Hospital Organization Sendai Medical Center*  
<sup>2)</sup> *Neurosurgery, Tohoku University Graduate School of Medicine, Sendai*

**P25. Utilization of Hyperbaric Oxygen Therapy in Iecanemab and Donanemab Infusion Therapy**

SAE YAMANAKA<sup>1)</sup>, Masamichi Atsuchi<sup>1)</sup>, Syoko Atsuchi<sup>2)</sup>, Tetsuya Nagayama<sup>1)</sup>, Junji Kasuya<sup>1)</sup>, Kazuhiro Moriyama<sup>1)</sup>, Fumikatu Kubo<sup>1)</sup>, Akari Machida<sup>1)</sup>, Yuya Shigehatake<sup>1)</sup>, Yusuke Kai<sup>1)</sup>  
<sup>1)</sup> *Neurosurgery, Atsuchi Neurosurgical Hospital*  
<sup>2)</sup> *Neurosurgery, Atsuchi Katsushika Neurosurgical Hospital*

**P26. Spontaneous Regression of a Posterior Cerebral–Posterior Communicating Artery Junction Aneurysm Following Hemodynamic Correction of Internal Carotid Artery Stenosis**

DAISUKE YAMAZAKI<sup>1)</sup>, Misaki Kozu<sup>2)</sup>, Akifumi Yokota<sup>1)</sup>, Daisuke Satoh<sup>2)</sup>, Tetsuyoshi Horiuchi<sup>1)</sup>  
<sup>1)</sup> *Neurosurgery, Shinshu University School of Medicine*  
<sup>2)</sup> *Neurosurgery, Aizawa Hospital*