

May 17 (Thu.)

Osaka International Convention Center

11 : 45

Hands on Seminars

HS 1 13 : 00 ~ 16 : 00

(Room 6)

HS 2 13 : 00 ~ 16 : 00

(Room 7)

HS 3 13 : 00 ~ 16 : 00

(Room 9)

HS 4 13 : 00 ~ 16 : 00

(Room 8)

HS 5 13 : 00 ~ 16 : 00

(Room 4)

HS 6 11 : 45 ~ 16 : 00

(Room 3)

16 : 00

VS 1 Video Educational Seminars 1

Moderators : Hidehiro Oka & Mitsuhiro Mase & Toru Iwama

18 : 00

VS 2 Video Educational Seminars 2

Moderators : Minoru Hoshimaru & Tatsuya Sasaki & Yuichi Murayama

20 : 00

May 18 (Fri.)

Osaka International Convention Center

8 : 20

Opening Remarks Congress President : Jun Takahashi

8 : 30

PS 1 Hemorrhagic Cerebrovascular Diseases

Moderators : Tohru Mizutani & Hiroyuki Kinouchi

10 : 10

PS 2 Gliomas and Metastatic Brain Tumors

Moderators : Toshihiro Kumabe & Yoshitaka Narita

11 : 50

LS 1-LS 8

Luncheon Seminars

(Room 1, 2, 4-9)

13 : 00

CNS President Lecture

Ashwini D. Sharan Moderator : Nobuhiro Mikuni

13 : 40

PS 3 Epilepsy and Functional Neurosurgery

Moderators : Kensuke Kawai & Takaomi Taira

15 : 00

PS 4 Neurotrauma

Moderators : Eiji Kohmura & Minoru Fujiki

16 : 00

PS 5 Spinal Diseases

Moderators : Masakazu Takayasu & Hiroyuki Nakase

17 : 20

PS 6 Pediatric Neurosurgery

Moderators : Masakazu Miyajima & Reizo Shirane

18 : 40

VS : Video Session **PS** : Plenary Session **LS** : Luncheon Seminar

May 19 (Sat.)

Osaka International Convention Center	
7 : 20	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">MS 1-MS 4</div> Morning Seminars <div style="text-align: right; font-size: small;">(Room 4-7)</div>
8 : 20	
8 : 30	The 32nd Microneurosurgical Anatomical Seminar "Preservation of Cranial Nerves" <div style="text-align: right; font-size: small;">Moderators : Takashi Tamiya & Toru Inoue & Kiyoshi Saito</div>
10 : 30	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">S 1</div> Special Program 1 Up-to-Date Neurosciences <div style="text-align: right; font-size: small;">Moderators : Kazuhiko Nozaki & Isao Date</div>
11 : 50	
12 : 00	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">LS 9-LS 16</div> Luncheon Seminars <div style="text-align: right; font-size: small;">(Room 1-8)</div>
13 : 00	
13 : 10	General Assembly
14 : 00	
14 : 10	Special Lecture Tasuku Honjo <div style="text-align: right; font-size: small;">Moderator : Nobuo Hashimoto</div>
15 : 10	Honored Guest Lecture Chang Wan Oh <div style="text-align: right; font-size: small;">Moderator : Jun Takahashi</div>
15 : 50	
16 : 00	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">S 2</div> Special Program 2 Challenges of Neurosurgical Subspecialties <div style="text-align: right; font-size: small;">Moderators : Susumu Miyamoto & Nobuhito Saito & Kaoru Kurisu</div>
18 : 20	JNS President Lecture <div style="text-align: right; font-size: small;">Moderator : Takamasa Kayama</div>
18 : 50	
19 : 00	Banquet
20 : 30	(Exhibition Room)

May 20 (Sun.)

Osaka International Convention Center	
7 : 20	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">MS 5-MS 8</div> Morning Seminars <div style="text-align: right; font-size: small;">(Room 4-7)</div>
8 : 20	
8 : 30	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">PS 7</div> Benign Brain Tumors <div style="text-align: right; font-size: small;">Moderators : Kazunari Yoshida & Kenji Ohata</div>
10 : 10	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">PS 8</div> Emergency Neurosurgery <div style="text-align: right; font-size: small;">Moderators : Yoshiaki Shiokawa & Tetsuya Ueba</div>
11 : 50	
12 : 00	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">LS 17-LS 23</div> Luncheon Seminars <div style="text-align: right; font-size: small;">(Room 1, 2, 4-7, 9)</div>
13 : 00	
13 : 10	<div style="border: 1px solid black; border-radius: 10px; display: inline-block; padding: 2px 5px;">PS 9</div> Ischemic Cerebrovascular Diseases <div style="text-align: right; font-size: small;">Moderators : Satoshi Kuroda & Koji Iihara</div>
14 : 50	Closing Remarks Congress President : Jun Takahashi
15 : 00	

Day 1 : Thursday, May 17, 2018

16 : 00-18 : 00

VS1 Video Educational Seminars 1

Moderators : Hidehiro Oka (Kitasato University Medical Center, Saitama)
Mitsuhito Mase (Nagoya City University, Aichi)
Toru Iwama (Gifu University, Gifu)

1. **Craniotomy technique for deep-seated cerebral lesions : understanding of its indications and limitations**
.....Soichi Oya (Saitama Medical Center, Saitama)
2. **Endoscopic endonasal skull base surgery for clival tumors**
.....Hiroyoshi Akutsu (University of Tsukuba, Ibaraki)
3. **Endoscopic skull base surgery for parasellar lesions**
.....Yudo Ishii (Jikei University, Tokyo)
4. **Standard technique and pitfalls of endoscopic third ventriculostomy and endoscopic tumor biopsy**
.....Nobuyuki Nakajima (Tokyo Medical University, Tokyo)
5. **Surgical technique of lobectomy for frontal and temporal tumor**
.....Takashi Maruyama (Tokyo Women's Medical University, Tokyo)
6. **Surgical nuances of microvascular decompression for trigeminal neuralgia, hemifacial spasm, and glossopharyngeal neuralgia**
.....Hiroki Toda (Fukui Red Cross Hospital, Fukui)

18 : 00-20 : 00

VS2 Video Educational Seminars 2

Moderators : Minoru Hoshimaru (Shin-aikai Spine Center, Osaka)
Tatsuya Sasaki (Tohoku Medical and Pharmaceutical University, Miyagi)
Yuichi Murayama (Jikei University, Tokyo)

1. **Anterior cervical spine surgery : basic concept and advanced techniques**
.....Toru Yamagata (Osaka City General Hospital, Osaka)
2. **Surgery of myelomeningocele and spinal lipoma**
.....Akira Gomi (Jichi Children's Medical Center Tochigi, Tochigi)
3. **Three Souls for preservation of perforators in the aneurysmal clipping**
.....Naoki Nakayama (Hokkaido University, Hokkaido)
4. **EC-IC bypass toward 100% patency**
.....Akitsugu Kawashima (Tokyo Women's Medical University Yachiyo Medical Center, Chiba)
5. **Coil embolization with the focus on highly curability**
.....Takashi Izumi (Nagoya University, Aichi)
6. **Transarterial embolization of cerebral AVMs warranting both safety and efficacy**
.....Tetsu Satow (National Cerebral and Cardiovascular Center, Osaka)



Day 2 : Friday, May 18, 2018

8 : 20-8 : 30

Opening Remarks

Jun Takahashi (National Cerebral and Cardiovascular Center, Osaka)

8 : 30-10 : 10 Plenary Session

PS1 Hemorrhagic Cerebrovascular Diseases

Moderators : Tohru Mizutani (Showa University, Tokyo)

Hiroyuki Kinouchi (Yamanashi University, Yamanashi)

Discussants : Akio Morita (Nippon Medical School, Tokyo)

Yuji Matsumaru (University of Tsukuba, Ibaraki)

Kenichiro Kikuta (University of Fukui, Fukui)

1. **Natural history of unruptured cerebral aneurysms : cutting-edge knowledge and feedback to clinical decision**
.....Tomohito Hishikawa (Okayama University, Okayama)
2. **Direct aneurysm surgery in multimodal treatment era**
.....Hiroki Kurita (International Medical Center, Saitama Medical University, Saitama)
3. **Endovascular first policy for the management of intracranial aneurysms in the multi-modality era**
.....Hidenori Oishi (Juntendo University, Tokyo)
4. **Evidence and real world in the surgical treatment of brain arteriovenous malformations**
.....Yasushi Takagi (Tokushima University, Tokushima)
5. **Treatment for hemorrhagic Moyamoya disease: Future prospects**
.....Takeshi Funaki (JAM Trial Group)

10 : 10-11 : 50 Plenary Session

PS2 Gliomas and Metastatic Brain Tumors

Moderators : Toshihiro Kumabe (Kitasato University, Kanagawa)

Yoshitaka Narita (National Cancer Center Hospital, Tokyo)

Discussants : Yuichi Hirose (Fujita Health University, Aichi)

Tatsuya Abe (Saga University, Saga)

Yoko Nakasu (Shiga University of Medical Science, Shiga)

1. **The 2016 WHO classification of CNS tumors and molecular diagnosis**
.....Naoya Hashimoto (Kyoto Prefectural University of Medicine, Kyoto)
2. **The standard care for glioblastoma and future prospective**
.....Mitsutoshi Nakada (Kanazawa University, Ishikawa)
3. **Therapeutic strategies for grade II/III gliomas**
.....Akitake Mukasa (Kumamoto University, Kumamoto)
4. **Intraoperative monitoring for glioma surgery**
.....Taichi Saito (Tokyo Women's Medical University, Tokyo)
5. **The strategy for treating brain metastases in the era of molecular targeting therapy**
.....Toshihiko Iuchi (Chiba Cancer Center, Chiba)

12 : 00-13 : 00 Luncheon Seminars

LS1-LS8

Room 1, 2, 4-9

13 : 10-13 : 40 CNS President Lecture

Laser ablation for epilepsy : lessons learned

Moderator : Nobuhiro Mikuni (Sapporo Medical University, Hokkaido)

Speaker : Ashwini D. Sharan (Professor of Neurological Surgery and Neurology at Sidney Kimmel Medical College, Division Chief of Functional and Epilepsy Surgery, Program Director of Residency Program, Thomas Jefferson University)

13 : 40-15 : 00 Plenary Session

PS3

Epilepsy and Functional Neurosurgery



Moderators : Kensuke Kawai (Jichi Medical University, Tochigi)

Takaomi Taira (Tokyo Women's Medical University, Tokyo)

Discussants : Takeharu Kunieda (Ehime University, Ehime)

Chikashi Fukaya (Nihon University, Tokyo)

1 . Accurate diagnosis of epileptic focus in epilepsy surgery : Update

.....Riki Matsumoto (Department of Neurology, Graduate School of Medicine, Kyoto University, Kyoto)

2 . Future perspective in epilepsy surgery in Japan

.....Masaki Iwasaki (National Center Hospital of Neurology and Psychiatry, Tokyo)

3 . Spinal cord stimulation for chronic intractable pain

.....Takashi Agari (Center of Neuromodulation, Kurashiki Heisei Hospital, Okayama)

4 . Deep brain stimulation for movement disorders

.....Yoshinori Higuchi (Chiba University, Chiba)

15 : 00-16 : 00 Plenary Session

PS4

Neurotrauma

Moderators : Eiji Kohmura (Kobe University, Kobe)

Minoru Fujiki (Oita University, Oita)

Discussant : Akihiro Miyata (Chiba Emergency Medical Center, Chiba)

1 . Corresponding to geriatric traumatic brain injury in patients taking antithrombotic agent

.....Eiichi Suehiro (Yamaguchi University, Yamaguchi)

2 . ICU management strategies for severe traumatic brain injury

.....Kotaro Oshio (St. Marianna University School of Medicine, Kanagawa)

3 . Criteria for CT and follow up of mild head trauma

.....Naoto Shiomi (Emergency Medical Care Center, Saiseikai Shiga Hospital, Shiga)



16 : 00-17 : 20 Plenary Session

PS5 Spinal Diseases*Moderators : Masakazu Takayasu (Aichi Medical University, Aichi)**Hiroyuki Nakase (Nara Medical University, Nara)**Discussants : Nobuyuki Shimokawa (Tsukazaki Hospital, Hyogo)**Toshihiko Inui (Tominaga Hospital, Osaka)*

- 1 . **Complications related to spinal instrumentation in cervical fusion**
.....Motohiro Takayama (Otsu City Hospital, Shiga)
- 2 . **Minimally invasive lumbar fusion surgery : current status and future challenges**
.....Shigeo Ueda (Shin-ai kai Spine Center, Osaka)
- 3 . **Pitfalls of the preoperative diagnosis and the surgical strategy for spinal cord tumors**
.....Kiyoshi Ito (Shinshu University, Nagano)
- 4 . **Safety management in spinal instrumentation surgery : importance of intraoperative image guidance**
.....Kentaro Naito (Osaka City University, Osaka)

17 : 20-18 : 40 Plenary Session

PS6 Pediatric Neurosurgery*Moderators : Masakazu Miyajima (Juntendo Tokyo Koto Geriatric Medical Center, Tokyo)**Reizo Shirane (Miyagi Children's Hospital, Miyagi)**Discussants : Kenichi Nishiyama (Niigata Medical Center, Niigata)**Tetsuya Yamamoto (Yokohama City University, Kanagawa)*

- 1 . **The strategy and prognosis of implanting ventriculoperitoneal (VP) shunts for children on the basis of statistical analysis**
.....Yuzuru Tashiro (Shizuoka Children's Hospital, Shizuoka)
- 2 . **Diagnosis and treatment of craniosynostosis —Current status and task—**
.....Takuya Akai (University of Toyama, Toyama)
- 3 . **Fetal surgery for myelomeningocele**
.....Masayuki Endo (Department of Obstetrics and Gynecology,
Osaka University, Osaka)
- 4 . **The management of pediatric brain tumors based on recent evidences and strategies**
.....Akihide Kondo (Juntendo University, Tokyo)

Day 3 : Saturday, May 19, 2018

7 : 20-8 : 20 Morning Seminars

MS1-MS4

Room 4~7

8 : 30-10 : 30

The 32nd Microneurosurgical Anatomical Seminar “Preservation of Cranial Nerves”

Moderators : Takashi Tamiya (Kagawa University, Kagawa)

Toru Inoue (Fukuoka University, Fukuoka)

Kiyoshi Saito (Fukushima Medical University, Fukushima)

1. **Preservation of the olfactory nerve in the anterior skull base surgery**
..... Naoyuki Nakao (Wakayama Medical University, Wakayama)
2. **Preservation of optic nerve in carotid aneurysmal surgery**
..... Tetsuyoshi Horiuchi (Shinshu University, Nagano)
3. **Surgical excision for cavernous sinus tumors : How to preserve III, IV, Vth cranial nerve function**
..... Takeo Goto (Osaka City University, Osaka)
4. **Surgical approaches for trigeminal schwannoma**
..... Masahiro Toda (Keio University, Tokyo)
5. **Preservation of facial and hearing functions in vestibular schwannoma surgery**
..... Michihiro Kohno (Tokyo Medical University, Tokyo)
6. **Tips and pearls of surgical resection for the jugular foramen tumors to preserve neural function**
..... Masahiko Wanibuchi (Sapporo Medical University, Hokkaido)



10 : 30-11 : 50 Special Program 1

S1 Up-to-Date Neurosciences

Moderators : Kazuhiko Nozaki (Shiga University of Medical Science, Shiga)
Isao Date (Okayama University, Okayama)

1. **Stem cell-based therapy for Parkinson's disease**
.....Jun Takahashi (Center for iPS Cell Research and Application ,
Kyoto University, Kyoto)
2. **Future prospection for the development of a novel medical therapy or a diagnostic method for an intracranial aneurysm**
.....Tomohiro Aoki (Department of Molecular Pharmacology, Research
Institute, National Cerebral and Cardiovascular Center, Osaka)
3. **The near-future treatment of brain tumors based on human cell atlas and artificial intelligence**
.....Atsushi Natsume (Nagoya University, Aichi)
4. **Modeling and decoding of the human brain**
.....Shinji Nishimoto (CiNet, National Institute of Information and
Communications Technology, Osaka)

12 : 00-13 : 00 Luncheon Seminars

LS9-LS16

Room 1~8

13 : 10-14 : 00

General Assembly

14 : 10-15 : 10 Special Lecture

Amazing Power of the Immune System

Moderator : Nobuo Hashimoto (Kobe City Hospital Organization, Kobe)
Speaker : Tasuku Honjo (Kyoto University Institute for Advanced Study/Department of Immunity and
Genomic Medicine, Kyoto University School of Medicine, Kyoto)

15 : 10-15 : 50 Honored Guest Lecture

Long-term outcomes of treatment for unruptured intracranial aneurysms in Korea : clipping versus coiling

Moderator : Jun Takahashi (National Cerebral and Cardiovascular Center, Osaka)
Speaker : Chang Wan Oh (Professor and Chairman, Department of Neurosurgery,
Seoul National University College of Medicine)

16 : 00-18 : 20 Special Program 2

S2 Challenges of Neurosurgical Subspecialties

Moderators : Susumu Miyamoto (Kyoto University, Kyoto)
Nobuhito Saito (The University of Tokyo, Tokyo)
Kaoru Kurisu (Hiroshima University, Hiroshima)

1. **Quo Vadis, cerebrovascular surgery —Just the way it is!**
.....Teiji Tominaga (Tohoku University, Miyagi)
2. **Current status and perspective of neuro endovascular therapy**
.....Nobuyuki Sakai (Kobe City Medical Center General Hospital, Hyogo)
3. **Treatment for patients with brain tumor —current status and future direction**
.....Yukihiko Sonoda (Yamagata University, Yamagata)
4. **Functional Neurosurgery —current status and future—**
.....Haruhiko Kishima (Osaka University, Osaka)
5. **Future of neurospinal surgery —restoration of dynamic stability, agility and physiological neuro-musculoskeletal control**
.....Phyo Kim (Dokkyo Medical University, Tochigi)
6. **Current status of pediatric neurosurgery and near future**
.....Hiroaki Sakamoto (Osaka City General Hospital, Osaka)
7. **Future of the Japan Society of Neurotraumatology (JSNT)**
.....Michiyasu Suzuki (Yamaguchi University, Yamaguchi)

18 : 20-18 : 50 JNS President Lecture

The goals of Japan Neurosurgical Society in 2020's

Moderator : Takamasa Kayama (Department of Advanced Medicine, Yamagata University School of Medicine, Yamagata)
Speaker : Hajime Arai (Juntendo University, Tokyo)

19 : 00-20 : 30

Banquet

Exhibition Room



Day 4 : Sunday, May 20, 2018

7 : 20-8 : 20 Morning Seminars

MS5-MS8

Room 4~7

8 : 30-10 : 10 Plenary Session

PS7 Benign Brain Tumors

*Moderators : Kazunari Yoshida (Keio University, Tokyo)**Kenji Ohata (Osaka City University, Osaka)**Discussants : Takakazu Kawamata (Tokyo Women's Medical University, Tokyo)**Takayuki Matsuo (Nagasaki University, Nagasaki)*

1. **Strategy for the treatment of intracranial meningioma**
.....Takayuki Hara (Toranomon Hospital, Tokyo)
2. **Operative indication and strategies in pituitary adenomas**
.....Masahiko Tosaka (Gunma University, Gunma)
3. **Surgical indications and strategies for hemangioblastomas**
.....Hirofumi Nakatomi (The University of Tokyo, Tokyo)
4. **Surgical indication and treatment strategy for lateral ventricle and third ventricle tumors**
.....Koji Yoshimoto (Kyushu University, Fukuoka)
5. **Stereotactic irradiation for schwannoma and meningioma**
.....Hidefumi Aoyama (Department of Radiology and Radiation Oncology,
Niigata University Graduate School of Medical
and Dental Sciences, Niigata)

10 : 10-11 : 50 Plenary Session

PS8 Emergency Neurosurgery

*Moderators : Yoshiaki Shiokawa (Kyorin University, Tokyo)**Tetsuya Ueba (Kochi University, Kochi)**Discussants : Akio Hyodo (Dokkyo Medical University Saitama Medical Center, Saitama)**Hiroshi Okudera (Department of Emergency and Disaster Medicine, University of Toyama, Toyama)**Takashi Araki (Department of Emergency and Critical Care Medicine, Saitama Medical Center, Saitama)*

1. **Optimal initial treatment for patients with aneurysmal subarachnoid hemorrhage**
.....Hiroharu Kataoka (Kyoto University, Kyoto)
2. **Current status and future aspects of mechanical thrombectomy in acute ischemic stroke**
.....Hiroshi Yamagami (Department of Cerebrovascular Medicine,
National Cerebral and Cardiovascular Center, Osaka)
3. **Problems of the disaster medical care and countermeasure in the near future**
.....Youichi Yanagawa (Department of Acute Critical Care Medicine,
Shizuoka Hospital, Juntendo University, Shizuoka)
4. **Recent issues of abusive head trauma for neurosurgeon in Japan**
.....Tamotsu Miki (Department of Quality and Patient Safety,
Tokyo Medical University, Tokyo)
5. **Traumatic cervical cord injury in the neurosurgical emergency : treatment guideline and problems**
.....Toshihiro Takami (Osaka City University, Osaka)

12 : 00-13 : 00 Luncheon Seminars

LS17-LS23

Room 1, 2, 4~7, 9

13 : 10-14 : 50 Plenary Session

PS9 Ischemic Cerebrovascular Diseases



*Moderators : Satoshi Kuroda (University of Toyama, Toyama)
Koji Iihara (Kyushu University, Fukuoka)
Discussants : Masaaki Uno (Kawasaki Medical School, Okayama)
Yasushi Matsumoto (Kohnan Hospital, Miyagi)
Kuniaki Ogasawara (Iwate Medical University, Iwate)*

- 1. Risk, benefit and indication of antithrombotic therapy for patients treated by neurosurgeons**
.....Yasushi Okada (National Hospital Organization
Kyushu Medical Center, Fukuoka)
- 2. An updated review for imaging before acute stroke reperfusion strategy**
.....Mikito Hayakawa (Division of Stroke Prevention and Treatment,
Faculty of Medicine, University of Tsukuba, Ibaraki)
- 3. Optimal treatment for carotid artery stenosis**
.....Junichiro Satomi (Tokushima University, Tokushima)
- 4. Best treatment for chronic intracranial artery stenosis**
.....Shinichi Yoshimura (Hyogo College of Medicine, Hyogo)
- 5. Moyamoya disease update; modern diagnostic criteria, basic pathology, and surgical management**
.....Miki Fujimura (Kohnan Hospital, Miyagi)

14 : 50-15 : 00

Closing Remarks

Jun Takahashi (National Cerebral and Cardiovascular Center, Osaka)

Hands-on Seminars/ Morning Seminars/Luncheon Seminars

Thursday, May 17, 2018

11 : 45-16 : 00 (HS6)

13 : 00-16 : 00 (HS1-HS5)

Room 3, 4, 6-9

Hands-on Seminars

Saturday, May 19, 2018

7 : 20-8 : 20 (MS1-MS4)

Sunday, May 20, 2018

7 : 20-8 : 20 (MS5-MS8)

Room 4-7

Morning Seminars

Friday, May 18, 2018

12 : 00-13 : 00 (LS1-LS8)

Saturday, May 19, 2018

12 : 00-13 : 00 (LS9-LS16)

Sunday, May 20, 2018

12 : 00-13 : 00 (LS17-LS23)

Room 1-9

Luncheon Seminars