On-site Seminar

「Keyhole/exoscope/endoscope surgery」

Monday, October 26  Room A (Azuma, 3rd floor)  13:40 - 14:50

Chairs: Hidehiro Oka (Department of Neurosurgery, Kitasato University, Japan)
        Masazumi Fujii (Department of Neurosurgery, Fukushima Medical University, Japan)

OSE-1  Keyhole neurosurgery using an operating microscope
        Kentaro Mori
        Department of Neurosurgery, Tokyo General Hospital, Japan

OSE-2  Skull base surgery by 3D exoscope -pros and cons-
        Yutaka Mine
        Department of Neurosurgery and Endovascular surgery, Brain Nerve Center, Saiseikai
        Yokohamashi Tobu Hospital, Japan

OSE-3  Endoscopic surgery for brainstem cavernomas
        Kazuhito Takeuchi
        Department of Neurosurgery, Nagoya University, Japan

OSE-4  Exoscopic and endoscopic keyhole surgery
        Tadashi Watanabe
        Department of Neurosurgery, Aichi Medical University, Japan

On-site Symposium

「Lectures for the next generation」

Part of 「Lectures for the next generation 1 (S1) and 2 (S2)」
by Japanese and guest speakers for the 32nd JSSBS

Monday, October 26  Room A (Azuma, 3rd floor)  15:00 - 18:00

Chairs: Eiji Kohmura (Kinki central Hospital, Japan)
        Mutsumi Okazaki (Department of Plastic and Reconstructive Surgery, Graduate School
        of Medicine The University of Tokyo, Japan)

OSY-1  Mini-retro-sigmoid craniotomy: versatile and effective
        (S1-1)
        Charlie Teo
        Prince of Wales Private Hospital, Australia
OSY-2 Team approach to improve patients’ safety of en bloc craniofacial resection for skull base malignancy.
Yasushi Fujimoto
Department of Otolaryngology, Aichi Medical University, Japan

OSY-3 The usefulness of the musculo-pericranial flap in reconstruction of the skull base
Kensuke Kiyokawa
Department of Plastic and Reconstructive Surgery and Maxillofacial Surgery, Kurume University, Japan

OSY-4 Efficacy of preserving the facial nerve in facial schwannoma surgery—from experience of 50 cases-
Michihiro Kohno
Department of Neurosurgery, Tokyo Medical University, Japan

OSY-5 Treatment strategy for ventral foramen magnum meningiomas
Kyu-Sung Lee
Yonsei University Health System, Korea

OSY-6 Cavernous sinus surgery
Yong-Kwang Tu
Taipei Neuroscience Institute, Taipei Medical University, Taiwan

OSY-7 Wrap-clipping for ruptured blood blister-like aneurysms of the internal carotid artery under advanced monitoring
Hiroyuki Kinouchi
Department of Neurosurgery, University of Yamanashi, Japan

OSY-8 How to pioneer and develop neurosurgical center
Eka J Wahjoepramono
Pelita Harapan Medical School, Siloam Hospital Lippo Village, Indonesia

OSY-9 Developing a future of skull base surgery with advanced image-guidance technology
Masazumi Fujii
Department of Neurosurgery, Fukushima Medical University, Japan
Special Lecture

SL1  Special Lecture 1
Global neurosurgery and skull base
Anil Nanda
Department of Neurological Surgery, Rutgers New Jersey Medical School, USA

SL2  Special Lecture 2
Challenges & innovations in endoscopic endonasal skull base surgery
Juan C. Fernandez-Miranda
Neurosurgery and Medicine, Skull Base & Pituitary Division, Stanford University Medical Center, USA

SL3  Special Lecture 3
Management of petroclival meningiomas via retrosigmoid transtentorial (Kawase reverse) approach
Marcos S Tatagiba
Department of Neurosurgery, Eberhard Karls University of Tuebingen, Germany

SL4  Special Lecture 4
Surgery for vestibular schwannoma: quarter decade odyssey from challenges to functional preservation
Suresh Nair Narayanan Nair
President Elect International Meningioma Society
President Neurological Society of India (2018)
Former Dean Prof & Head of Neurosurgery, Sree Chitra Tirunal Institute of Medical Sciences & Technology, India

Education Course for the Next Generation

EC-1  Importance of 3 dissection planes in vestibular schwannoma surgery
Michihiro Kohno
Department of Neurosurgery, Tokyo Medical University, Japan

EC-2  Skull base surgery for the next generation
Kenji Ohata
Department of Minimally Invasive Neurosurgery, Osaka City University, Japan
### EC-3  Heads-up exoscope-endoscope combination approaches for skull base surgery
Kenichiro Iwami  
Department of Neurosurgery, Aichi Medical University, Japan

### EC-4  Usefulness and future goals in acquisition program for the training of endoscopic endonasal pituitary surgery
Tetsuya Nagatani  
Center of Neuroendoscope, Japanese Red Cross Nagoya Daini Hospital Neurosurgery, Japan

### EC-5  Advantages of collaboration between otorhinolaryngologists and neurosurgeons in an endoscopic skull base surgery: encouragement for the next generation
Masayoshi Kobayashi  
Department of Otorhinolaryngology-Head and Neck Surgery, Mie University, Japan

### EC-6  Transcranial keyhole endoscopic skull base surgery
Yugo Kishida  
Department of Neurosurgery, Japanese Red Cross Nagoya Daini Hospital, Japan

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### Korea-Japan Skull Base Seminar

### KJ-1  Galea and periosteum flap in skull base reconstruction
Hak Chang  
Seoul National University College of Medicine Department of Plastic and Reconstructive Surgery, Research Institute of Plastic and Reconstructive Surgery (RIPRS), Korea

### KJ-2  The role of plastic surgeons in skull base surgery
~ the lectures from one anterior skull base reconstruction case
Kentaro Tanaka  
Department of Plastic and Reconstructive Surgery, Tokyo Medical and Dental University, Japan

### KJ-3  Controversies in surgical management of olfactory neuroblastoma
Tae-Bin Won  
Seoul National University Bundang Hospital, Korea

### KJ-4  Role of otolaryngologists and head & neck surgeons in skull base surgery
Kenichi Nibu  
Department of Otolaryngology-Head and Neck Surgery, Kobe University Hospital, Japan

### KJ-5  Microsurgery versus radiosurgery for small petroclival meningiomas with trigeminal neuralgia: a long-term, single institution experience
Hun Ho Park  
Gangnam Severance Hospital, Yonsei University, Korea

### KJ-6  Intraoperative real-time continuous vagus nerve monitoring in jugular foramen schwannoma surgery
Ken Matsushima  
Department of Neurosurgery, Tokyo Medical University, Japan
On-site Seminar

「Keyhole/exoscope/endoscope surgery」

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Kentaro Mori
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Department of Neurosurgery, Nagoya University, Japan

OSE-4  Exoscopic and endoscopic keyhole surgery
Tadashi Watanabe
Department of Neurosurgery, Aichi Medical University, Japan

Symposium

S1  Symposium 1
「Lectures for the next generation 1」

S1-1  Mini-retro-sigmoid craniotomy: versatile and effective
Charlie Teo
Prince of Wales Private Hospital, Australia

S1-2  Transoral endoscopic or robotic resection of parapharyngeal tumors
Raymond K. Tsang
Department of Surgery, University of Hong Kong, Hong Kong

S1-3  Management of chondrosarcoma of the central skull base
Richard J Harvey
Department of Otorhinolaryngology, University of New South Wales and Macquarie University, Australia

S1-4  From the printer to the theatre - 3D printing technique: a stronger base for skull base
Virendra Deo Sinha
S M S Medical College, India

S1-5  Team approach to improve patients’ safety of en bloc craniofacial resection for skull base malignancy.
Yasushi Fujimoto
Department of Otolaryngology, Aichi Medical University, Japan
### S1-6 The usefulness of the musculo-pericranial flap in reconstruction of the skull base
Kensuke Kiyokawa
Department of Plastic and Reconstructive Surgery and Maxillofacial Surgery, Kurume University, Japan

### S2 Symposium 2

**ʻLectures for the next generation 2ʻ**

<table>
<thead>
<tr>
<th>S2-1</th>
<th>Efficacy of preserving the facial nerve in facial schwannoma surgery-from experience of 50 cases-</th>
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### S3 Symposium 3

**ʻEndonasal endoscopic skull base surgeryʻ**

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<tr>
<th>S3-1</th>
<th>The petro cavernous ICA and its importance to endoscopic skull base surgery</th>
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<th>Surgical treatment of cavernous sinus lesions via the endoscopic endonasal approach</th>
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S3-3 Role of endoscopic transnasal transpharyngeal approach for locally aggressive tumors involving craniovertebral junction and premedullary cistern in patients without craniocervical instability
Masahiro Shin
Department of Neurosurgery, The University of Tokyo, Japan

S3-4 Extended endoscopic endonasal approach for all types of caraniopharyngioma
Takeo Goto
Department of Neurosurgery, Osaka City University, Japan

S3-5 Endonasal endoscopic transsphenoidal surgery for craniopharyngioma.
Kosaku Amano
Department of Neurosurgery, Tokyo Women’s Medical University, Japan

S3-6 Role of endoscopic endonasal skull base surgery in the multidisciplinary treatment for invasive pituitary adenomas
Kenichi Oyama
Department of Neurosurgery, Pituitary & Endoscopic Surgery Center, Teikyo University, Japan

S4 Symposium 4

「Skull base surgeries : the next generation」

S4-1 Arterial encasement in skull base meningiomas- surgical strategies
Roopesh V R Kumar
Clinical Lead, Neurosurgical Oncology and Skull Base surgery
Apollo Proton Cancer Centre, India

S4-2 Skull base meningiomas: experience in lady reading hospital peshawar
Muhammad Usman
Lady Reading Hospital, Pakistan

S4-3 Role of DTI in preservation of facial nerve in vestibular schwannoma surgery
Achal Sharma
SMS Medical college, India

S4-4 Simultaneous combined transcranial and transnasal skull base surgery for tumors with benign pathology: indications and the future
Kiyohiko Sakata
Department of Neurosurgery, Kurume University, School of Medicine, Japan

S4-5 Endonasal endoscopic craniofacial surgery for aggressive skull base tumors extensively involving face and nasopharynx
Yuki Shinya
Department of Neurosurgery, the University of Tokyo, Japan

S4-6 Endoscopic endonasal surgery for craniopharyngiomas: advantages and limitations
Kentaro Horiguchi
Department of Neurosurgery, Chiba University, Japan
S4-7 Visualization of the dark side of the skull base with endoscopic assistance: combination of the petrous rhomboid and the V1-V2, V2-V3 corridor in the extended middle fossa approach.
Kentaro Watanabe
Department neurosurgery, Jikei Medical University, Japan

Oral

O1 Oral 1

「Skull base meningiomas」

O1-1 Modified transpetrosal-transtentorial approach for resection of petroclival meningioma with preservation of superior petrosal vein and sinus: technical nuance and surgical experiences.
Irwan B. I. Haq
Department of Neurosurgery, Dr. Soetomo Academic General Hospital, Indonesia

O1-2 Minimal anterior and posterior combined transpetrosal approach for petroclival meningiomas
Hiroki Morisako
Department of Neurosurgery, Osaka City University, Japan

O1-3 Skull base surgery for recurrent anaplastic meningiomas: treatment results of WHO grade III meningiomas
Kiyohiko Sakata
Department of Neurosurgery, Kurume University, Japan

O1-4 Surgical implementation and efficacy of endoscopic endonasal transsphenoidal approach for diaphragma sella meningioma
Hiroki Ohata
Department of Neurosurgery, Osaka City University, Japan

O1-5 Preoperative evaluation of the effects of sigmoid sinus ligation with both endovascular and open-field occlusion tests before removal of petroclival tumors
Satoshi Shitara
Department of Neurosurgery, Subarukai Kotoh Memorial Hospital, Japan
O2

**Oral 2**

**Endonasal endoscopic surgery**

1. **O2-1** Surgical strategy using extended endoscopic transsphenoidal approach for craniopharyngioma: single center experience
   Masahiko Tosaka
   Department of Neurosurgery, Gunma University, Japan

2. **O2-2** Analysis of factors determining visual outcome of pituitary adenoma after microscopic and endoscopic transsphenoidal excision
   Calvin Mak
   Department of Neurosurgery, Queen Elizabeth Hospital, Hong Kong

3. **O2-3** Preservation of olfactory function in endoscopic endonasal skull base surgery for olfactory neuroblastoma.
   Hiroyuki Morishita
   Department of Otorhinolaryngology-Head and Neck Surgery, Mie University, Japan

4. **O2-4** Endoscopic transsphenoidal surgery using intraoperative 3T MRI and electromagnetic neuronavigation for pituitary tumors
   Masakazu Ogiwara
   Department of Neurosurgery, University of Yamanashi, Japan

O3

**Oral 3**

**Facial nerve and reconstruction**

1. **O3-1** Factors associated with late admission to facial plastic surgery among patients with facial paralysis
   Takeaki Hidaka
   Department of Plastic, Reconstructive and Aesthetic Surgery, The University of Tokyo, Japan

2. **O3-2** Omental flap with seromuscular patch for mid-skull base and concomitant sphenoid sinus wall defect reconstruction
   Keisuke Takanari
   Department of Plastic and Reconstructive Surgery, Nagoya University, Japan

3. **O3-3** Low cost customised cranioplasty with polymethyl methacrylate using 3D printer generated mould: an institutional experience and review of literature
   Ankit Chaudhary
   Neurosurgery student, S.M.S. Medical College, India
Oral 4

Vestibular schwannoma and SRT

O4-1  Retrosigmoid small vestibular schwannoma removal: techniques for curative tumor removal and hearing preservation
Iwao Yamakami
Neurosurgery, Seikei-kai Chiba Medical Center, Japan

O4-2  Treatment decision-making for small vestibular schwannoma based on tumor growth and hearing status
Yoshinori Higuchi
Department of Neurological Surgery, Chiba University, Japan

O4-3  Stereotactic radiosurgery for vestibular schwannoma associated with neurofibromatosis type 2 in comparison to sporadic schwannoma
Yuki Shinya
Department of Neurosurgery, the University of Tokyo, Japan

O4-4  Stereotactic radiosurgery for skull base chordoma and chondrosarcoma
Yuki Shinya
Department of Neurosurgery, the University of Tokyo, Japan

Oral 5

Other skull base lesions

O5-1  Approaches to the infratemporal fossa region
Takuro Inoue
Department of Neurosurgery, Koto Memorial Hospital, Japan

O5-2  Therapeutic strategy for cholesterol granulomas
Tatsuma Matsuda
Department of Neurological Surgery, Chiba University, Japan

O5-3  Surgical management of the trigemino-cerebellar artery in microvascular decompression for trigeminal neuralgia
Yukihiro Goto
Department of Neurosurgery, Saiseikai Shiga Hospital, Japan