

Program

The 16th Young-Honam and Kyushu Neurosurgical Joint Meeting

Date: November 8 (Fri) ~ 10 (Sun), 2024

Place: Fukuoka International Congress Center, Fukuoka, Japan

Host institute: Kurume University, School of Medicine

President: Motohiro Morioka

Oral presentation

2024.11.08 (Fri)

15:00-16:00 **Registration**

16:00-16:15 **Opening Remarks**

Motohiro Morioka (Kurume University)

16:15-16:50 **Oral Presentation 1: Cerebrovascular Disease 1**

Chairpersons: Mitsuhiro Anan (Oita University)

Kimihiko Orito (Kurume University)

16:15-16:25 **O1-1** **Microsurgical strategies for small unruptured dorsal internal carotid artery aneurysms**

Tae-Sun Kim (Chonnam National University)

16:25-16:35 **O1-2** **Intracranial-intracranial bypass strategies for the treatment of complex intracranial aneurysms: Anatomical characteristics and surgical intervention**

Sung-Pil Joo (Chonnam National University)

Guest speaker's presentation

16:35-16:50 **O1-3** **Role of direct surgery for recurrent aneurysms after endovascular treatment**

Tsuyoshi Izumo (Gifu University)

16:50-17:20 **Oral Presentation 2: Neurosurgery Ingenuity**

Chairpersons: Mooseong Kim (Inje University, Busan Paik Hospital)

Kiyohiko Sakata (Kurume University)

16:50-17:00 **O2-1** **The ingenuity to perform safe and secure intraoperative ocular movement monitoring**

Kiyohiko Sakata (Kurume University)

17:00-17:10 **O2-2** **Feasibility of intraoperative ocular movement monitoring using pediatric electrode for electrocardiogram in brain tumor surgery**

Junkoh Yamamoto (University of Occupational and Environmental Health)

17:10-17:20 **O2-3** **Seizure after complete obliteration of cerebral AVM with gamma knife surgery**

Mooseong Kim (Inje University, Busan Paik Hospital)

17:30-19:30 **Welcome Reception & Poster Viewing**

2024.11.09 (Sat)

9:00-9:55 Oral Presentation 3: Cerebrovascular Disease 2

Chairpersons: Sung-Pil Joo (Chonnam National University)
Akira Nakamizo (Kyushu University)

- 9:00-9:10 **O3-1** **Three-dimensional microcatheter shaping using touch screen devices for cerebral aneurysm coil embolization**
Atsushi Ogata (Saga University)
- 9:10-9:20 **O3-2** **Usefulness of 3D iFlow application in predicting the outcome of flow diverter stent treatment for large / giant internal carotid artery aneurysms**
Koichi Arimura (Kyushu University)
- 9:20-9:30 **O3-3** **Prevalence and incidence of Moyamoya disease in Korea**
Mooseong Kim (Inje University, Busan Paik Hospital)
- 9:30-9:40 **O3-4** **Management of subarachnoid hemorrhage using transpulmonary thermodilution during clazosentan therapy**
Hironori Fukumoto (Fukuoka University)
- 9:40-9:55 **O3-5** ***Guest speaker's presentation***
My tactics in aneurysm surgery
Sung-don Kang (Wonkwang University)

9:55-11:00 Oral Presentation 4: Meningioma

Chairpersons: Kyung-Sub Moon (Chonnam National University, Hwasun Hospital)
Takeshi Hiu (Nagasaki University)

- 9:55-10:05 **O4-1** **Efficacy of simultaneous combined endonasal and transcranial surgery for invasive petroclival meningiomas**
Kiyohiko Sakata (Kurume University)
- 10:05-10:15 **O4-2** **Manual superficial temporal artery compression using a circular plastic disc for embolization of meningioma**
Yoshinobu Horio (Fukuoka Seisyukai Hospital)
- 10:15-10:25 **O4-3** **Embolization of posterior fossa meningiomas supplied with meningo-hypophyseal trunk by using n-BCA and dual balloon protection**
Koichiro Takemoto (Fukuoka University)
- 10:25-10:35 **O4-4** **Anatomical study of brain deformation in endoscopic keyhole surgery using preoperative simulation software**
Kei Yamashiro (Fukuoka University)

10:35-10:45 **O4-5** **Evaluation of MRI APT CEST imaging for therapeutic intervention in asymptomatic meningiomas**
Takeshi Hiu (Nagasaki University)

Guest speaker's presentation

10:45-11:00 **O4-6** **Contralateral subfrontal approach for eccentric tuberculum sellar meningiomas: Techniques and overcoming limitations**
Shin Jung (Chonnam National University, Hwasun Hospital)

11:00-11:55 Oral Presentation 5: Spine & Trauma

Chairpersons: Seong-Keun Moon (Wonkwang University)
Se-Young Pyo (Inje University, Busan Paik Hospital)
Gohsuke Hattori (Kurume University)

11:00-11:10 **O5-1** **Spontaneous spinal epidural hematoma cases treated in our institution**
Takahiro Miyahara (Yame General Hospital)

11:10-11:20 **O5-2** **Open-door cervical laminoplasty for avoidance of C5 palsy**
Daigo Aso (Saiki Central Hospital)

11:20-11:30 **O5-3** **Gamma knife surgery of upper cervical spinal cord tumors**
Mooseong Kim (Inje University, Busan Paik Hospital)

11:30-11:37 **O5-4** **A case of intraorbital abscess due to inserted bamboo fragment**
Yoh Yamakawa (Kurume University)

11:37-11:44 **O5-5** **The usefulness of vascularized flap craniotomy for open-wound depressed skull fractures**
Yoichiro Nakahara (Social Insurance Tagawa Hospital)

11:44-11:54 **O5-6** **Characteristics of sport-related structural brain injury and the potential for prevention and return to competition**
Tetsuya Negoto (Kurume University)

12:00-13:00 Luncheon Seminar

Chairperson: Hiroshi Abe (Fukuoka University)
Joint Hosting: Nxera Pharma Japan Co., Ltd.

LS **Delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage: past and future**
Hidenori Suzuki (Mie University)

13:05-13:40 Friendship Session

Chairpersons: Koji Yoshimoto (Kyushu University)
Won Ho Cho (Pusan National University Hospital)

- 13:05-13:10** **FS-1** **Owner of the Bong Seng Memorial Hospital and national assembly man elected for 5 th term and former speaker of the national assembly**
Ui-Hwa Chung (Bongseng Memorial Hospital)
- 13:10-13:20** **FS-2** **The History of the Yeong-Honam and Kyushu Neurosurgical Joint Meeting -From its founding period to the future-**
Kiyonobu Ikezaki (Ishikawajima Memorial Hospital)
- 13:20-13:30** **FS-3** **Historical review and future of Kyushu and Young-Honam Neurosurgical Joint Meeting : From Korean perspective**
Won Ho Cho (Pusan National University Hospital)
- 13:30-13:40** **FS-4** **Differences between Japanese and Korean medical education and systems**
Hiromi Oku (Kurume University)
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13:45-14:50 Oral Presentation 6: Function

Chairperson: Sang Hoon Lee (Bongseng Memorial Hospital)
Takashi Morishita (Fukuoka University)
Shiro Baba (Nagasaki University)

- 13:45-13:55** **O6-1** **SCS for brachial plexopathic pain**
Mooseong Kim (Inje University, Busan Paik Hospital)
- 13:55-14:05** **O6-2** **Long-term efficacy and challenges of deep brain stimulation in severe Tourette syndrome: Insights from a single-center experience**
Takashi Morishita (Fukuoka University)
- 14:05-14:15** **O6-3** **PACAP/PAC1 receptor-evoked astroglial activation can be a potential therapeutic target for central post-stroke pain**
Yoshimune Sameshima (Kagoshima University)
- 14:15-14:30** **O6-4** **How we can treat large artery offender in MVD surgery?**
Sang Hoon Lee (Bongseng Memorial Hospital)
- 14:30-14:40** **O6-5** **3D Exoscope epilepsy surgery**
Shiro Baba (Nagasaki University)
- 14:40-14:50** **O6-6** **Effects of microvascular decompression on pain relief and quality of life in late elderly patients with trigeminal neuralgia**
Yusuke Otsu (Kurume University)

15:50-16:20 Afternoon Seminar

Chairperson: Masaru Hirohata (Kurume University)

Joint Hosting: Terumo Corporation

AS **WEB - Our initial experiences, techniques and tips for development -**
Taketo Hatano (Kokura Memorial Hospital)

16:20-16:50 Special Lecture

Chairperson: Masaru Hirohata (Kurume University)

SL **The Woven EndoBridge (WEB) device; my clinical experience and perspective**
Dae-Won Kim (Wonkwang University Hospital)

16:55-17:40 Oral Presentation 7: Glioma / Genetics

Chairpersons: In-Young Kim (Chonnam National University, Hwasun Hospital)

Nobuhiro Hata (Oita University)

16:55-17:02 **O7-1** **Spontaneous malignant transformation of trigeminal schwannoma—consideration of responsible gene alterations for tumorigenesis: A case report**

Natsuki Ogasawara (Miyazaki University)

17:02-17:09 **O7-2** **Examination of potential therapeutic approaches for recurrent cystic lesions in supratentorial pilocytic astrocytoma: A case report**

Shohei Nagasaka (University of Occupational and Environmental Health)

17:09-17:19 **O7-3** **Metastasis-enhancing protein KITENIN confers Temozolomide resistance on glioblastoma with unmethylated MGMT via upregulation of cancer stem cell makers**

Kyung-Sub Moon (Chonnam National University, Hwasun Hospital)

17:19-17:29 **O7-4** **Clinical sequencing using a glioma tailored custom DNA/RNA panels**

Nayuta Higa (Kagoshima University)

17:29-17:39 **O7-5** **Radiographic response to Bevacizumab in treating radiation necrosis and associated edema in brain tumors**

Kang-hee Ahn (Chonnam National University, Hwasun Hospital)

18:30-20:30 Banquet (Hotel Okura Fukuoka 4F Room “Heian”)

2024.11.10 (Sun)

9:00-9:10 Poster Academic Award Ceremony

Award Ceremony: Motohiro Morioka (Kurume University)

9:10-10:05 Oral Presentation 8: Cerebrovascular Disease 3

Chairpersons: Ryou Miyaoka (University of Occupational and Environmental Health)
Jae Hyung Choi (Dong-A University Hospital)

- 9:10-9:20** **O8-1** **Evaluation of large ischemic cores to predict outcomes of thrombectomy using the Apparent Diffusion Coefficient**
Takeru Umemura (University of Occupational and Environmental Health)
- 9:20-9:30** **O8-2** **Repeated gamma knife surgery for cerebral AVM**
Mooseong Kim (Inje University, Busan Paik Hospital)
- 9:30-9:40** **O8-3** **Leakage sign for intracranial hemorrhage**
Kimihiko Orito (Kurume University)
- 9:40-9:50** **O8-4** **Treatment outcomes following the introduction of Andexanet Alfa for intracranial hemorrhage in patients on factor Xa inhibitors**
Shigeo Yamashiro (Saiseikai Kumamoto Hospital)
- 9:50-10:05** **O8-5** ***Guest speaker's presentation***
Neuroregenerative treatment after cerebral infarction
Nobutaka Horie (Hiroshima University)
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10:05-11:10 Oral Presentation 9: Pituitary / Other tumors

Chairpersons: Daisuke Kuga (Kyushu University)
Shingo Fujio (Kagoshima University)

- 10:05-10:12** **O9-1** **Therapeutic strategy for symptomatic gonadotroph pituitary neuroendocrine tumor: A case series and literature review**
Ken Uekawa (Kumamoto University)
- 10:12-10:22** **O9-2** **Decline in IGF-1 after surgery of the nonfunctioning pituitary neuroendocrine tumor**
Jun Sugata (Kagoshima University)
- 10:22-10:32** **O9-3** **Gamma knife radiosurgery for pineal gland tumors**
Mooseong Kim (Inje University, Busan Paik Hospital)
- 10:32-10:39** **O9-4** **Two cases of intraparenchymal cyst lined with Müllerian duct-derived epithelium**
Yuta Nakagawa (Kumamoto University)

- 10:39-10:46** **O9-5** **A case of non-traumatic epidural hematoma caused by marginal zone B cell lymphoma**
Kohei Miyagi (Yame General Hospital)
- 10:46-10:56** **O9-6** **Optimal radiotherapy for primary central nervous system lymphoma based on age-specific prognosis and cognitive function**
Tetsuya Negoto (Kurume University)
- 10:56-11:06** **O9-7** **The role of the endonasal endoscopic approach in intraorbital tumor surgery**
Daisuke Kuga (Kyushu University)

11:10-11:20 **Closing Remarks**

Motohiro Morioka (Kurume University)

Poster presentation

2024.11.09 (Sat)

15:00-15:45 **Poster Session 1: Vascular**

Chairperson: Yasuyuki Kaku (Kumamoto University)

- 15:00-15:05 **P-01** **Case of coil wire remaining within vessel due to stretched coil entangled with stent**
Sang-Jun Suh (Daegu Fatima Hospital)
- 15:05-15:10 **P-02** **Experience with Target Tetra Coil in treating small saccular aneurysms: User perspectives and initial findings**
Sung-Tae Kim (Inje University Busan Paik Hospital)
- 15:10-15:15 **P-03** **Additional rescue stenting with Neuroform Atlas Stents during stent-assisted coiling of saccular aneurysms**
Jun Kyeong Ko (Pusan National University)
- 15:15-15:20 **P-04** **Outflow Occlusion with OA-PICA Bypass for Complex PICA aneurysm troubled by dominant occipital sinus**
Se Woon KIM (Pusan National University Yangsan Hospital)
- 15:20-15:25 **P-05** **Case Series for Gamma Knife Surgery for Arteriovenous Malformation Associated Intracranial Aneurysms**
Juwahn Lee (Inje University Busan Paik Hospital)
- 15:25-15:30 **P-06** **Artificial dural regeneration matrix as a substitute for autologous tissue in indirect bypass in Moyamoya disease: Investigation of a rat model of chronic cerebral hypoperfusion**
Yuuki Nakagaki (Kumamoto University)
- 15:30-15:35 **P-07** **A case of cavernous sinus dural arteriovenous fistula treated by transvenous embolization using superficial temporal vein approach**
Masaomi Takeuchi (Nagasaki University)
- 15:35-15:40 **P-08** **A case of spontaneously regressed cervical epidural arteriovenous fistula**
Takahiro Miyahara (Yame General Hospital)
- 15:40-15:45 **P-09** **A case of successful Microvascular Decompression for hemifacial spasm due to vascular compression at Supra Olivary Fossette**
Keitaro Kai (Kumamoto University)

15:00-15:40 Poster Session 2: Tumor & Miscellaneous

Chairperson: Tetsuya Negoto (Kurume University)

- 15:00-15:05** **P-10** **Significance of Siglec-15 in the brain tumor microenvironment**
Masayuki Yanagida (Oita University)
- 15:05-15:10** **P-11** **Postoperative disappearance of leptomeningeal enhancement around the brainstem in glioblastoma**
Jun-Ichiro Kuroda (Kumamoto University)
- 15:10-15:15** **P-12** **Two-day fraction gamma knife radiosurgery for large brain metastasis**
In-Young Kim (Brain Tumor Clinic & Gamma Knife Center, Department of Neurosurgery,
Chonnam National University Hwasun Hospital)
- 15:15-15:20** **P-13** **Recovery from the damage of cranial radiation modulated by memantine, an NMDA receptor antagonist, combined with hyperbaric oxygen therapy**
Yohei Hokama (Ryukyus University)
- 15:20-15:25** **P-14** **Which cranial perforator do you use? A retrospective analysis of three perforators**
Kazufumi Ohmura (Gifu University)
- 15:25-15:30** **P-15** **Management of intracranial complications of sinusitis in adolescents**
Lee Chi Hyung (Pusan national university Yang-san hospital)
- 15:30-15:35** **P-16** **A rare case of delayed ventriculoperitoneal shunt catheter migration into the heart: A case report**
Won Hee Lee (Inje University Busan Paik Hospital)
- 15:35-15:40** **P-17** **Safety and feasibility of a novel trocar for laparoscopic assisted ventriculoperitoneal shunt surgery: A pilot study**
Homyeong Lee (Wonkwang University)