The 30th Annual Meeting of the Japanese Society for Neuroendovascular Therapy

Venue: PACIFICO Yokohama (Yokohama)
Date: 2014.12.4 (Thu) – 6 (Sat)

Dec. 4 (Thu)

Plenary Symposium1 [PS1]  8:45 -10:15
Embryology, Anatomy and Embolization: Anatomy is a language
Chairpersons : Shigeru Nemoto (Tokyo Medical and Dental University, Japan)
Shigeru Miyachi (Osaka Medical College, Japan)
Kenji Sugiu (Okayama University Graduate School of Medicine, Japan)

PS1-1 Cerebral vessel functional anatomy: from vascular pipes to chromosomes and genes
Georges Rodesch (Diagnostic and Therapeutic Neuroradiologie Hospital Foch, France)
【25min, Discussion 5min】

PS1-2 Functional anatomy of the cerebral venous system and Its related pathological processes
Masaki Komiyama (Osaka City General Hospital, Osaka, Japan)
【15min ,Discussion 5min】

PS1-3 Functional anatomy and embolization of branches from (the 3rd segment of) the internal maxillary artery
Hiro Kiyosue (Oita University Hospital, Japan)
【15min ,Discussion 5min】

PS1-4 Embryology, anatomy and embolization of the spinal cord vessels
Yasunari Niimi (St. Luke's International Hospital, Japan)【15min ,Discussion 5min】

Symposium1 [S1]  10:20-11:50
Embryology, Indication and Strategy of AVM Embolization: How to use Onyx and NBCA properly
Chairpersons : Masayuki Ezura (NHO Sendai Medical Center, Japan)
Yasunari Niimi (St. Luke's International Hospital, Japan)
Tohru Mizutani (Showa University School of Medicine, Japan)

S1-1 Indications, Method and Results of embolization of Brain AVMs with NBCA
Shushi Kominami (Chiba-Hokuso Hospital, Japan) 【10min】

S1-2 Strategy of onxy embolization for cerebral arteriovenous malformation
Akira Ishii (Faculty of Medicine, Kyoto, Japan) 【10min】
S1-3 Proper use of Onyx and NBCA in embolization of brain AVMs to achieve both efficacy and safety
Tetsu Satow (National Cerebral and Cardiovascular Center, Japan)【10min】

S1-4 Embolization of Intracranial AVM, Comparison of Onyx and NBCA
Yasushi Matsumoto (KOHNNAN Hospital, Japan)【10min】

S1-5 Strategies and technical tips on Cerebral AVM embolization
Naci Kocer (Istanbul University, Turkey)【20min】

【General discussion 30min】

Symposium2 [S2] 13:10-15:00
TVE and TAE for dAVF: Is TAE with Onyx effective?
Chairpersons: Naoya Kuwayama (University of Toyama, Japan)
Junichiro Satomi (Tokushima University Hospital, Japan)
Hiroyuki Kinouchi (University of Yamanashi, Japan)

S2-1 Results of transvenous embolization as a first-line treatment option for intracranial dural arteriovenous fistula
Shuichi Tanoue (Oita University Hospital, Japan)【10min】

S2-2 Endo-vascular shunt point occlusion for dural arteriovenous fistula treatment
Koichi Satoh (Tokushima Red Cross Hospital, Japan)【10min】

S2-3 Trans-arterial embolization for dural arteriovenous fistulas - Usefulness and limitation of liquid embolic materials
Kenji Sugiu (Okayama University Graduate School of Medicine, Japan)【10min】

S2-4 Endovascular treatment of intracranial dural arteriovenous fistula using ethylene vinyl alcohol copolymer (ONYX)
Ichiro Nakahara (Stroke Center, Kokura Memorial Hospital, Japan)【10min】

S2-5 Curative trans-arterial embolization for dural arteriovenous fistula
Shibata Teishiki (Kobe City Medical Center General Hospital, Japan)【10min】

S2-6 Clinical trial of Onyx embolization of intracranial dural arteriovenous fistulas.
-Interim report-
Naoya Kuwayama (University of Toyama, Toyama, Japan)【10min】

S2-7 Treatment strategy of intracranial dural AVF
Wataro Tsuruta (University of Tsukuba, Japan)【10min】

S2-8 Endovascular treatment for dural arteriovenous fistulas
Shinya Kohyama (International Medical Center, Saitama Medical University, Japan)【10min】

【General discussion 30min】
Symposium3 [S3] 15:05-16:00
Exposure to radiation of Neuroradiologists and Patients
Chairpersons: Shigeki Kobayashi (Chiba Emergency Medical Center, Japan)
Toshi Abe (Kurume University School of Medicine, Japan)
Akira Matsumura (University of Tsukuba, Japan)

S3-1 Medical radiation protection today and future
Takashi Moritake (University of Occupational and Environmental Health, Japan)  [10min]

S3-2 Dosimetric survey of ocular lens of operator on neuroendovascular therapy
Hajime Sakamoto (Yamanashi University Hospital, Japan)  [10min]

S3-3 Patient's exposure dose during neurointerventional procedure: Analysis and utilization method of exposure dose
Satoru Kawauchi (Toranomon Hospital, Japan)  [10min]

S3-4 A simplified radiation-dose mapping simulator for the bi-plane FPD digital angiography system
Morio Nagahata (Yamagata City Hospital SAISEIKAN, Japan)  [10min]

[General discussion 15min]

Symposium4 [S4] 13:10-14:10
Balloon Occlusion Test: its determination method and indication of bypass surgery
Chairpersons: Toshiyuki Fujinaka (Osaka University, Japan)
Masahiko Kawanishi (Kagawa University Faculty of Medicine, Japan)
Satoshi Kuroda (University of Toyama, Japan)

S4-1 Comparison of Balloon Occlusion Test Between Neuroendovascular Therapy Sites
Masayuki Ezura (NHO Sendai Medical Center, Japan)  [10min]

S4-2 Angiographic circulation time and cerebral blood flow during balloon test occlusion of the internal carotid artery
Kenichi Sato (Kohnan Hospital, Japan)  [8min]

S4-3 Balloon Occlusion Test for Parent Artery Occlusion
Noriaki Matsubara (Nagoya University, Japan)  [8min]

S4-4 CT perfusion study with balloon occlusion test
Masatoshi Takagaki (Osaka Medical Center for Cancer and Cardiovascular Diseases, Japan)  [8min]

S4-5 Complication of temporary balloon test occlusion of the internal carotid artery
Tomohisa Shimizu (Okayama University, Japan)  [8min]

[General discussion 15min]
Evening Seminar1 [ES1]  17:20-19:30
Pierre Lasjaunias Memorial Conference
Chairpersons:  Makoto Negoro (Ichinomiya Nishi Hospital, Ichinomiya, Japan)
              Shushi Kominami (Nippon Medical School, Japan) 
              Yuo Iizuka (Ohashi Medical Center, Toho University, Japan) 

ES1-1  As a student of Pierre Lasjaunias
       Srivatanakul Kittipong (Tokai University, Japan)  [15min, Discussion 5min] 
ES1-2  Embryological consideration of dural AVF: The legacy of Pierre Lasjaunias
       Michihiro Tanaka (Kameda Medical Center, Japan)  [15min, Discussion 5min] 
ES1-3  Brain AVM a symptom rater than a single disease?
       Michael Söderman (Karolinska University Hospital, Sweden)  [20min, Discussion 5min] 
ES1-4  Segmental Arterio-venous shunts: from Cranial to Spinal levels
       Sirintara Pongpech (Ramathibodi Hospital, Thailand)  [20min, Discussion 5min] 
ES1-5  Cerebral Veins: from anomalies to AVMs
       Georges Rodesch (Hopital Foch, France)  [30min, Discussion 5min] 

Dec. 5(Fri)

Plenary Symposium2 [PS2]  8:30-9:50
Visualization of Neuroendovascular surgery using prospective study and mass data
Chairpersons:  Koji Iihara (Kyusyu University, Japan)
               Akio Hyodo (Dokkyo Medical University, Japan)
               Waro Taki (Koseikai Takeda Hospital, Japan) 

PS2-1  Utilization of DPC data for registry of the neuroendovascular 
       therapy-JR-NET/J-ASPECT Study Validation study
       Ataru Nishimura (University of Tsukuba, Japan)  [15min] 
PS2-2  Japanese registry of neuroendovascular therapy
       Nobuyuki Sakai (Kobe City Medical Center General Hospital, Japan) [15min] 
PS2-3  RESCUE-Japan: retrospective and prospective study
       Shinichi Yoshimura (Hospital of Hyogo College of Medicine, Japan)  [10min] 
PS2-4  PLAtelet reactivity monitoring in Neuro-Endovascular Treatment Multicenter Trial
       (PLANET-M)
       Hiroshi Yamagami (National Cerebral and Cardiovascular Center, Japan)  [10min] 
PS2-5  Neuroendovascular Surgery Database Construction, common surgery database proposal
       Wataro Tsuruta (University of Tsukuba, Japan)  [10min] 
       [General discussion 20min] 

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Symposium5 [S5]  10:00-11:30
Role of academic society, administration and company after pharmaceutical approval
Chairpersons : Koji Ikeda (Tohoku University Hospital, Japan)
Kensuke Ishii (Pharmaceuticals and Medical Devices Agency, Japan)
Nobuyuki Sakai (Kobe City Medical Center General Hospital, Japan)

S5-1  Role of academic society in the optimization of approved indications of neurointervention devices
Shigeki Kobayashi (Chiba Emergency Medical Center, Japan)  【10min】

S5-2  Purpose and significance of the post marketing surveillance
Tomoji Takigawa (Pharmaceuticals and Medical Devices Agency, Japan)  【10min】

S5-3  Prospects for the post marketing surveillance
Mami Hou (Pharmaceuticals and Medical Devices Agency, Japan)  【10min】

S5-4  Medical insurance application of medical devices
Hiroyuki Takao (Ministry of Health, Labour and Welfare, Japan)  【10min】

【Designated remark】
Minoru Saito (Stryker Japan K.K.)  【10min】

【Designated remark】
Hideshi Obitsu (TERUMO Corporation)  【10min】

【General discussion 30min】

Review of stent assisted coil embolization: Should we use stent, or not ?
Chairpersons : Ichiro Nakahara (Kokura Memorial Hospital, Japan)
Tomoaki Terada (University of Showa Fujigaoka Hospital, Japan)
Izumi Nagata (Koseikai Takeda Hospital, Japan)

PS3-1  Hemodynamic evaluation of stent-assisted coiling for aneurysms by clinical cases, experiments, and computer simulations
Kenichi Kono (Wakayama Rosai Hospital, Japan)  【10min】

PS3-2  Result of stent assisted coil embolization for intracranial aneurysms, 286 consecutive experience of our center
Chiaki Sakai (Foundation of Biomedical Research and Innovation, Japan)  【10min】

PS3-3  What is the true indication of stent-assisted intracranial aneurysm coil embolization?
Hidenori Oishi (Juntendo University School of Medicine, Japan)  【10min】

PS3-4  Advantage and disadvantage of stent assisted coil embolization
Toshihiro Ishibashi (Jikei University School of Medicine, Japan)  【10min】

PS3-5  Procedural complications related to stent-assisted coiling
Toshiaki Ueno (Teikyo University School of Medicine, Japan)  【10min】
PS3-6  Usefulness and problem of Stent assisted aneurysmal embolization
   Masaru Hirohata (Kurume University, Japan)  【10min】

PS3-7  The optimal taylor-made antiplatelet therapy for stent-assisted coil embolization
   Yukiko Enomoto (Gifu University, Japan)  【10min】
   【General discussion 40min】

Symposium6 [S6] 15:25-16:25
The new stent and flow diverter for aneurysm treatment
Chairpersons : Hidenori Oishi (Juntendo University School of Medicine, Japan)
   Yuichi Murayama (Jikei University School of Medicine, Japan)
   Tetsu Satow (National Cerebral and Cardiovascular Center, Japan)

S6-1  The Barrel Stent: Initial Clinical Experience
   Satoshi Tateshima (Ronald Reagan UCLA Medical Center, USA)  【10min】

S6-2  Endovascular Treatment techniques on very wide  necked  and complex intracerebral Aneurysms
   Naci Kocer (Istanbul University, Turkey)  【20min】

S6-3  Flow diverter pipeline
   Vitor Mendes Pereira (University of Toronto, Canada)  【20min】
   【General discussion 10min】

Dec. 6 (Sat)

Symposium7 [S7]  8:30-9:40
Intracranial cervical artery stenosis: the role of Wingspan stent
Chairpersons : Hiroshi Yamagami (National Cerebral and Cardiovascular Center, Japan)
   Masaru Hirohata (Kurume University, Japan)
   Toshio Higashi (Fukuoka University, Japan)

S7-1  Genetic Factor of Intracranial Atherosclerotic Stenosis, RNF213 gene mutation related to moyamoya disease
   Satoru Miyawaki (Tokyo University, Japan)  【10min】

S7-2  Modified Mori classification to predict stent use in percutaneous cerebral balloon angioplasty
   Masashi Hamanaka (Acute Stroke Center, Kyoto First Red Cross Hospital, Japan)  【8min】

S7-3  Early experiences of endovascular treatment with Wingspan stent for intracranial stenosis
   Toshihiro Ueda (Stroke Center, St. Marianna University Toyoko Hospital, Japan)  【8min】

S7-4  Clinical results of Wingspan stenting with intracranial artery stenosis
   Hirotoshi Imamura (Kobe City Medical Center General Hospital, Japan)  【8min】
Plenary Symposium [PS4]  9:45-11:45
The new era of endovascular recanalization therapy for acute ischemic stroke: what can we do to improve outcome?
Chairpersons : Kazuo Minematsu (National Cerebral and Cardiovascular Center, Japan)  
Shinichi Yoshimura (Hyogo Collage of Medicine, Japan)  
Akira Ishii (Kyoto University, Japan)

PS4-1 Impact of Door to Puncture Time on Favorable Outcome in Acute Stroke Patients Treated with Endovascular Therapy  
Hiroshi Yamagami (National Cerebral and Cardiovascular Center, Japan)  
【10min】

PS4-2 Association of time with good clinical outcome in patients with acute recanalization therapy  
Hirotoshi Imamura (Kobe City Medical Center General Hospital, Japan)  
【10min】

PS4-3 Effect of protocol refinement in acute revascularization therapy to reduce door-to-needle and door-to-puncture time  
Shoji Matsumoto (Stroke Center, Kokura Memorial Hospital, Japan)  
【10min】

PS4-4 Drip and Ship System for Endovascular Therapy in Acute Ischemic Stroke  
Manabu Shirakawa (Hyogo College of Medicine, Japan)  
【10min】

PS4-5 Mobile Endovascular-therapy Team is Alternative System to Patient Transfer for Acute Ischemic Stroke  
Tatsuo Amano (Toranomon Hospital, Japan)  
【10min】

PS4-6 Stroke Medical Cooperation with Information and Communication Technology, How to use smart phone and tablet  
Hiroyuki Takao (Jikei University School of Medicine, Japan)  
【10min】

PS4-7 Loss of Immediate Perfusion Could Predict Successful Recanalization Of Acute Stroke Treated With Stent Retriever  
Masakazu Okawa (Ronald Reagan UCLA Medical Center, USA)  
【10min】

PS4-8 What can we do to improved the clinical outcome?: Various effrots at UCLA Stroke Center  
Satoshi Tateshima (Ronald Reagan UCLA Medical Center, USA)  
【10min】

【General discussion 40min】
Symposium8 [S8]  13:00～14:35
Carotid artery stenting for high risk cases of hyperperfusion syndrome: Is staged CAS safety?
Chairpersons: Shinichi Yoshimura (Hyogo College of Medicine, Japan)
Yasushi Ito (Brain Research Institute, Niigata University, Japan)
Kuniaki Ogasawara (Iwate University, Japan)

S8-1  Blood Sampling Oxygen Extraction Fraction and SPECT to anticipate Hyperperfusion Syndrome following Elective CAS
Takahisa Mori (Shonan Kamakura General Hospital Stroke Center, Japan)  【10min】

S8-2  Pathophysiology and prevention of hyperperfusion syndrome related to carotid artery stenting
Eiichi Kobayashi (Chiba University Graduate School of Medicine, Japan)  【10min】

S8-3  Usefulness of staged angioplasty
Kazutaka Uchida (Hyogo College of Medicine, Japan)  【10min】

S8-4  The effectiveness and limitations of the staged angioplasty
Keigo Shigeta (National Disaster Medical Center, Japan)  【10min】

S8-5  Carotid artery stenting under general anesthesia for high-risk group of hyperperfusion syndrome
Haruka Miyata (Stroke Center, Kokura Memorial Hospital, Japan)  【10min】

S8-6  Protection of hyperperfusion syndrome after CAS: Importance of perioperative management
Tomoaki Terada (Showa University Fujigaoka Hospital, Japan)  【10min】

S8-7  Questionnaire survey regarding carotid artery stenting for patients at high risk for cerebral hyperperfusion syndrome
Mikito Hayakawa (National Cerebral and Cardiovascular Center, Japan)  【15min】
【General discussion 20min】

Plenary Symposium5 [PS5]  14:40～16:10
Neuroradiologist license system and career-path: how neurologists, neurosurgeon and female doctors learn neuroendovascular therapy?
Chairpersons: Nobuyuki Sakai (Kobe City Medical Center General Hospital, Japan)
Kazunori Toyoda (National Cerebral and Cardiovascular Center, Japan)
Nobuhito Saito (The University of Tokyo Hospital, Japan)

PS5-1  Board certification system of JSNET in Japanese Medical Specialty Board
Masayuki Ezura (NHO Sendai Medical Center, Japan)  【10min】

PS5-2  Japanese Society of Neuro-Endovascular Treatment Specialist Qualification System. 13 years' Experience
Shigeru Nemoto (Tokyo Medical and Dental University, Japan)  【10min】
PS5-3  Training program of neurologist for endovascular procedure
Keisuke Imai (Acute Stroke Center of Kyoto First Red Cross Hospital, Japan)  【10min】

PS5-4  How to Learn Neuroendovascular therapy and Neurosurgery, its advantage and problems
Toshiyuki Fujinaka (Osaka University, Japan)  【7min】

PS5-5  The training system of neuroendovascular therapy in department of neurosurgery, Nagoya University
Takashi Izumi (Nagoya University, Japan)  【7min】

PS5-6  Career-path for Neuroradiologist among Radiologist and its problems
Syuichi Tanoue (Oita University, Oita, Japan)  【7min】

PS5-7  Human resources development in concert with neurosurgeons, stroke neurologists and neuroradiologists.
Ryota Ishibashi (Stroke Center, Kokura Memorial Hospital, Japan)  【7min】

PS5-8  Career paths and related problem for female Neurointerventionist
Yukiko Enomoto (Gifu University, Gifu, Japan)  【7min】

【General discussion 25min】