

The 35th Annual Meeting of the Japanese Society for Neuroendovascular Therapy

Venue: Fukuoka International Congress Center, Fukuoka Sunpalace

Date: 2019. 11. 21 (Thu) - 23 (Sat)

 Simultaneous interpretation

November 21st (Thursday)

Plenary Symposium 1 [PS1]

The significance of Stroke center certified system by The Japanese Stroke society For acute ischemic stroke patient 08:15~09:15

Chairman : Dr. Susumu Miyamoto (Department of Neurology, Kyoto University Hospital)
Dr. Yasushi Okada (National Hospital Organization Kyushu Medical Center)
Dr. Nobuyuki Sakai (Kobe City Medical Center General Hospital)

PS1-1 Certification of stroke centers (PSC and TSC)

Yoichiro Hashimoto (Department of Neurology, Kumamoto City Hospital)

PS1-2 The current status and future perspective of acute mechanical thrombectomy in the metropolitan area

Takahiro Ota (Department of Neurosurgery, Tokyo Metropolitan Tama Medical Center)

PS1-3 Stroke thrombectomy practice at suburban and rural area in Japan

Mikito Hayakawa (Division of Stroke Prevention and Treatment, Faculty of Medicine, University of Tsukuba)

PS1-4 The Aftermath of Stroke Center Certification in Los Angeles County

Satoshi Tateshima (Interventional Neuroradiology, Ronald Reagan UCLA Medical Center, & David Geffen School of Medicine at UCLA, Los Angeles, USA)

Plenary Symposium 2 [PS2]

Mechanical thrombectomy. Every effort to improve outcome



09:15~11:15

Chairman : Dr. Yuji Matsumaru (Division of Stroke Prevention and Treatment, Department of Neurosurgery, Faculty of Medicine, University of Tsukuba)

Dr. Shinichi Yoshimura (Department of Neurosurgery, Hyogo College of Medicine)

Dr. Yasushi Matsumoto (Department of Neuroendovascular Therapy, Kohnan Hospital)

Dr. Hiroshi Yamagami (Department of Stroke Neurology, National Hospital Organization Osaka National Hospital)

PS2-1 Indication and clinical result of mechanical thrombectomy from RESCUE-Japan Registry 2

Shinichi Yoshimura (Department of Neurosurgery, Hyogo College of Medicine)

PS2-2 Economic Impact of The First Pass Effect (FPE) in The Treatment of Stroke with The Embotrap II Device (IN ARISE-II)

Osama O. Zaidat (Department of Neurology, St. Vincent Mercy Medical Center, Toledo, OH)

PS2-3 Predicting clinical outcomes of large vessel occlusion with neuroimaging data using deep learning

Hidehisa Nishi (Department of Neurosurgery, Kyoto University Graduate School of Medicine)

PS2-4 Kanagawa intravenous and endovascular treatment of acute ischemic stroke registry (K-NET registry)

Toshihiro Ueda (Stroke Center, St.Marianna University Toyoko Hospital)

PS2-5 Current status of mechanical thrombectomy- J-ASPECT Study, Close The Gap-Stroke

Koji Iihara (The Department of Neurosurgery, Graduate School of Medical Sciences, Kyushu University)

PS2-6 Reperfusion therapy using RAPID

Hideyuki Ishihara (Department of Neurosurgery, Yamaguchi University)

PS2-7 CT/CTA selection for large vessel occlusion

Satoru Fujiwara (Department of Neurology, Kobe City Medical Center General Hospital)

Symposium 1 [S1]

Percutaneous Transluminal angioplasty for chronic total occlusion of cervical ICA 11:15~12:15

Chairman : Dr. Shigeru Nemoto (Japan Organization of Occupational Health and Safety, Kanto Rosai Hospital)

Dr. Norio Ikeda (Department of Neurosurgery, Ube Industries Central Hospital)

S1-1 Revascularization for chronic total occlusion of internal carotid artery: review of literature and future perspective

Ichiro Nakahara (Department of Comprehensive Strokeology, Fujita Health University)

S1-2 Long and mid-term outcomes of stenting for symptomatic carotid artery total occlusion

Shoko Fujii (Department of Endovascular Surgery, Tokyo Medical and Dental University)

S1-3 Treatment method selection for chronic internal carotid artery occlusion by occlusion pattern classification

Kentaro Mori (The Department of Neurosurgery, Yokohama Sakae Kyosai Hospital)

S1-4 Unsolved problems in endovascular revascularization for non-acute total occlusion of the internal carotid artery

Hiroaki Matsumoto (Department of Neurosurgery, Showa University Fujigaoka Hospital)

Symposium 2 [S2]

Acute thrombectomy: Approach for achieving good clinical results avoiding staff exhaustion

13:45~15:15

Chairman : Dr. Hirotohi Imamura (Department of Neurosurgery, Kobe City Medical Center General Hospital)

Dr. Naoto Kimura (Department of Neurosurgery, Iwate Prefectural Central Hospital)

Dr. Hajime Ohta (Department of Neurosurgery, Division of Clinical Neuroscience, Faculty of Medicine, University of Miyazaki)

S2-1 Efficacy of drip, ship, and retrieve using stroke hotline and helicopter transportation in rural areas

Takeshi Hiu (Department of Neurosurgery, National Hospital Organization Nagasaki Medical Center)

S2-2 Investigation about an arrangement of neurointerventionists and taking turns from TREAT database

Takahiro Ota (Department of Neurosurgery, Tokyo Metropolitan Tama Medical Center)

S2-3 Development of an ICT system to support collaborative approach to acute stroke care

Shoji Matsumoto (Department of Comprehensive Strokeology, Fujita Health University School of Medicine)

S2-4 Hearable device saves patients and endovascular therapists

Yuki Kamiya (Department of Neurology, Showa University Koto Toyosu Hospital)

S2-5 Mechanical thrombectomy by mobile embolectomy team in provincial city

Naoyuki Uchiyama (Department of Neurosurgery, Kanazawa University School of Medicine)

S2-6 *Stroke Scramble*, Highly efficient stroke care system for acute mechanical thrombectomy, supported by team medicine

Tsuyoshi Ohta (Department of Neurosurgery, Kochi Health Sciences Center)

Symposium 5 [S5]



PTA/Stenting for stenosis of intradural artery

17:45~19:15

Chairman : Dr. Toshihiro Ueda (Stroke Center, St.Marianna University Toyoko Hospital)

Dr. Hideyuki Ishihara (Department of Neurosurgery, Yamaguchi University)

S5-1 Outcomes of Rescue Endovascular Treatment of Acute Ischemic Stroke in patients with underlying Intracranial Atherosclerosis-A Multicenter Study

Alejandro M Spiotta (Neurosciences, Neurosurgery
Division of Neuroendovascular Surgery
Neurosurgery Residency Program
Medical University of South Carolina, USA)

S5-2 Cerebral blood flow changes and risk factors of hyperperfusion after the endovascular cerebral revascularization

Fumiaki Oka (Department of Neurosurgery, Yamaguchi University School of Medicine)

S5-3 Percutaneous transluminal angioplasty for intracranial arterial stenosis in acute revascularization therapy

Takuya Kanamaru (Department of Neurological Science, Graduate School of Medicine, Nippon Medical School)

S5-4 Delayed improvement of residual stenosis confirmed immediately after intracranial angioplasty

Masashi Hamanaka (Department of Neurology and Stroke Treatment , Kyoto First Red Cross Hospital)

S5-5 A Long-term outcomes of percutaneous angioplasty for intradural arterial stenosis

Masahiro Nishihori (The department of Neurosurgery, Nagoya University)

S5-6 Periprocedural and long-term outcome of Endovascular treatment for symptomatic intracranial artery stenosis

Toshihiro Ueda (Stroke Center, St.Marianna University Toyoko Hospital)

Symposium 3 [S3]

Feeder embolization for skull base tumor

13:45~15:15

Chairman : Dr. Toshio Higashi (Department of Neurosurgery, Fukuoka University Chikushi Hospital)

Dr. Takao Hashimoto (Department of Neurosurgery, Tokyo Medical University)

Dr. Naoki Toma (Department of Neurosurgery, Mie University Graduate School of Medicine)

S3-1 Arterial Anatomy of the Skull Base

Tomoya Ishiguro (Department of Neurointervention, Osaka City General Hospital)

S3-2 The efficacy and safety of the preoperative embolization for the skull base meningioma and solitary fibrous tumor

Nobuyuki Shimizu (The Department of Neurosurgery, Yokohama City University)

S3-3 The role of the tumor feeding artery embolization of the skull base meningiomas and its limitations

Seiichiro Eguchi (Department of Neurosurgery, Tokyo Women's Medical University)

S3-4 Embolization of inferolateral and meningohypophyseal trunks for skull base meningioma

Ayuhō Higaki (Center for Endovascular Therapy, Division of Neuroendovascular Surgery, Jichi Medical University)

S3-5 Aggressive embolization for skull base tumor and risk management

Yujiro Tanaka (The Department of Neurosurgery, Tokyo Medical University)

S3-6 Safety of embolization through ascending pharyngeal artery for skull base tumor

Takayuki Kikuchi (Department of Neurosurgery, Kyoto University Graduate School of Medicine)

S3-7 Transvenous embolization of basilar plexus to support the endonasal transclival surgery

Takenori Akiyama (Department of Neurosurgery, Keio University, School of Medicine)

Symposium 6 [S6]

Clinical application of Computational Fluid Dynamics (CFD)

17:45~19:15

Chairman : Dr. Masaaki Shojima (Saitama Medical University General Hospital)

Dr. Kuniyasu Niizuma (Department of Neurosurgical Engineering and Translational Neuroscience, Graduate School of Biomedical Engineering, Tohoku University)

S6-1 Data-fit approach combined with blood simulation for cerebral aneurysms

Marie Oshima (Interfaculty Initiative in Information Studies/Institute of Industrial Science, The University of Tokyo)

S6-2 Essential knowledge on fluid dynamics for neuro-interventionalists in the era of CFD: laminar flow and disturbed flow

Masaaki Shojima (Saitama Medical University General Hospital)

S6-3 Towards clinical application of computational fluid dynamic analysis in neuroendovascular therapy

Shinichiro Sugiyama (Department of Neuroanesthesia, Kohnan Hospital)

S6-4 Possibility of Aneurysmal Rupture Prediction by Learning CFD result, Morphological, and Clinical Information Using AI

Soichiro Fujimura (Graduate School of Mechanical Engineering, Tokyo University of Science)

S6-5 Comprehensive assessment of aneurysmal wall status using CFD and MR-VWI

Toshinori Matsushige (Department of Neurosurgery and Interventional Neuroradiology, Hiroshima City Asa Citizens Hospital)

S6-6 Relationship between hemodynamic changes and occlusion prediction by 3D-cine PC MRI for Flow diverter stent treatment

Tetsuya Tsukada (Department of Neurosurgery, Nagoya University)

S6-7 Aneurysmal flow velocity may predict the outcome after flow diverter treatment: a CFD study with porous media setting

Mikiya Beppu (Department of Neurosurgery, Hyogo College of Medicine)

Symposium 4 [S4]



Perioperative management after Mechanical thrombectomy for acute ischemic stroke

- Brain protection -

13:45~15:15

Chairman : Dr. Ichiro Nakagawa (Department of Neurosurgery, Nara Medical University)

Dr. Nobutaka Horie (Department of Neurosurgery, Nagasaki University)

Dr. Mikito Hayakawa (Division of Stroke Prevention and Treatment, Faculty of Medicine, University of Tsukuba)

S4-1 Next possible treatment for futile recanalization

Tatsuo Amano (Department of Stroke and Cerebrovascular Medicine, Kyorin University)

S4-2 Perioperative management of Mechanical thrombectomy

Markus A. Möhlenbruch (Section of Vascular and Interventional Neuroradiology
Department of Neuroradiology
Heidelberg University Hospital
Heidelberg, Germany)

S4-3 The influence of intracranial hemorrhage after endovascular treatment in acute large-vessel occlusion

Norito Kinjo (Department of Neurosurgery, Hyogo College of Medicine)

S4-4 Postischemic hyperperfusion and hemorrhagic transformation after thrombectomy for acute ischemic stroke

Tomohide Yoshie (Stroke Center, St. Marianna University Toyoko Hospital)

S4-5 Early recurrent stroke and systemic embolism after mechanical thrombectomy

Junpei Koge (Department of Cerebrovascular Medicine, National Cerebral and Cardiovascular Center)

S4-6 Assessment of patients with poor clinical outcome after successful recanalization in large vessel occlusion

Marie Tsunogae (The department of Neurology, Kobe City Medical Center General Hospital)

S4-7 The effectiveness of statin after admission for acute large vessel occlusion

Kazutaka Uchida (Department of Neurosurgery, Hyogo College of Medicine)

Symposium 7 [S7]



Acute thrombectomy: Tips for 1 pass/TICI 3

17:45~19:15

Chairman : Dr. Keisuke Imai (Department of Neurology and Stroke Treatment, Kyoto First Red Cross Hospital)

Dr. Tomoyuki Tsumoto (Department of Neurosurgery, Syowa University Fujigaoka Hospital)

Dr. Satoshi Tateshima (Interventional Neuroradiology, Ronald Reagan UCLA Medical Center, & David Geffen school of Medicine at UCLA, Los Angeles, USA)

S7-1 Review of the technique in mechanical thrombectomy

Tomoyuki Tsumoto (Department of Neuroendovascular Surgery, Kyushu Medical Center)

S7-2 Acute stroke thrombectomy using large bore aspiration catheter

Markus A. Möhlenbruch (Section of Vascular and Interventional Neuroradiology
Department of Neuroradiology
Heidelberg University Hospital
Heidelberg, Germany)

S7-3 Stent Retriever-Assisted Continuous Aspiration for Distal Intracranial Vessel Embolectomy: The Distal Combined Technique

Seigo Shindo (Department of Neurology, Kumamoto Red Cross Hospital)

S7-4 Therapeutic strategies according to stroke criteria

Kentaro Suzuki (Department of Neurology, Nippon Medical School)

S7-5 Return to the basics to aim for 1 pass / TIC1 3 with ADAPT technique alone

Hiroyuki Matsumoto (Department of Neurological Surgery, Kishiwada Tokushukai Hospital)

S7-6 Combined use of stent retriever and aspiration device technique is effective for 1passTIC13 reperfusion

Tatsuo Amano (Department of Stroke and Cerebrovascular Medicine, Kyorin University)

S7-7 Technique of thrombectomy based on experimental results of suction pressure

Yoshifumi Tsuboi (Department of Neurosurgery, Neurovascular center, Kawasakisaiwai Hospital)