# October 23

# Room A

07:30-08:30	Satellite Symposium 1: Optimal antiplatelet therapy for Asian	stroke patients
	Chair: Yukito S	hinohara (Department of Neurology, Tokai University, Japan)
07:30-08:30	Optimal antiplatelet therapy for Asian stroke patients	Jong S. Kim 299 (Department of Neurology, University of Ulsan, Korea)
08:30-08:50	Intermission	
08:50-10:30	Symposium 1: What should we do in the new era of e	ndovascular therapy?
	Chairs: Byung-C	hul Lee (Department of Neurology, Hallym University, Korea) iro Suzuki (Department of Neurology, Keio University, Japan)
08:50-09:40	Acute care of patients with ischemic stroke	Markku Kaste ·······35 (Department of Neurology, University of Helsinki, Finland)
09:40-10:05	Past, present and future of endovascular therapy in Korea	Dae Chul Suh
10:05-10:30	Endovascular therapy for acute ischemic stroke in Japan; Past and future	Hiroshi Yamagami
10:30-10:50	Coffee Break	
10:50-12:30	Symposium 2: New mission on stroke	prevention
		<b>ng-Ho Rha</b> (Department of Neurology, Inha University, Korea) Aedicine, International University of Health and Welfare, Japan)
10:50-11:15	High-risk groups in patients with established cardioembolic stroke	Ji Hoe Heo 43 (Department of Neurology, Yonsei University, Korea)
11:15-11:40	Chronic kidney disease as an emerging risk factor for stroke	Kazunori Toyoda
11:40-12:05	Dual antiplatelet therapy for stroke prevention: How can we maximize the efficacy?	Seung-Hoon Lee
12:05-12:30	Results and interpretation of J-STARS trial	Masayasu Matsumoto
12:30-12:40	Intermission	
12:40-13:40	Satellite Symposium 2: Is it impossible	to completely prevent ischemic stroke?
		Department of Neurology, Catholic University of Korea, Korea) (Department of Neurology, Sungkyunkwan University, Korea)
12:40-13:10	Estimate the risk of ICH to apply longer DAPT to patients with ischemic stroke	Jun Lee
13:10-13:40	Prime time for acute prevention with double antiaggregation and future perspectives beyond current guidelines	Woo-Keun Seo 304 (Department of Neurology, Korea University, Korea)

13:40-13:50	Intermission	
13:50-15:30	Symposium 3: Our own problem in Ja Beyond the present understanding	pan and Korea: Moyamoya disease -
		nt of Neurology, Korean Armed Forces Capital Hospital, Korea) Radiology, National Cerebral and Cardiovascular Center, Japan)
13:50-14:15	Genetics of moyamoya disease: Recent study using genetic engineered mice of RNF213; A moyamoya disease susceptibility gene	Miki Fujimura
14:15-14:40	Novel MR diagnosis of moyamoya disease	Satoshi Kuroda
14:40-15:05	Epidemiology in Korea and long-term effect of surgery in moyamoya disease	Chang Wan Oh
15:05-15:30	Isolated MCA disease in young patients: What is this?	Jong S. Kim
15:30-15:50	Coffee Break	
15:50-16:50	Satellite Symposium 4.	
		e (Department of Neurology, Sungkyunkwan University, Korea) n (Department of Neurology, Seoul National University, Korea)
15:50-16:10	Recent update of RAS role of ACE 2	Sang-Chol Lee 313 (Department of Cardiology, Sungkyunkwan University, Korea)
16:10-16:30	Statins for the management of dyslipidemia in acute ischemic stroke	Keun-Sik Hong
16:30-16:50	Why do we need pioglitazone?	Kyusik Kang
16:50-17:00	Intermission	
17:00-17:50	Satellite Symposium 5: Beyond statin	monotherapy _MSD
	Chair: Jong	S. Kim (Department of Neurology, University of Ulsan, Korea)
17:00-17:50	Benefit of adding ezetimibe to statin therapy in stroke patients	Hee-Kwon Park
17:50-18:00	Intermission	
18:00-19:00	Poster Presentation 1 (@ Poster Room)	
	Kyun Jun Ho Jaseong Koo Sung Bon	ng (Department of Neurology, Seoul National University, Korea) g-Ho Yu (Department of Neurology, Hallym University, Korea) ng Lee (Department of Neurology, NHIC (Isan Hospital, Korea) (Department of Neurology, Catholic University of Korea, Korea) n Yyun (Department of Rehabilitation, Korea University, Korea) hgi (Department of Neurology, Jeiu National University, Korea)

Moon-Ku Han (Department of Neurology, Seoul National University, Korea) Seul-Ki Jeong (Department of Neurology, Chonbuk National University, Korea) Kyung-Yul Lee (Department of Neurology, Yonsei University, Korea)

Jae-Kwan Cha (Department of Neurology, Dong-A University, Korea)

### 19:00-21:00 Banquet

# October 23

# Room B

10:50-12:30	Scientific Session 1.	
		partment of Neurology, Chungnam National University, Korea) <b>n-Sik Hong</b> (Department of Neurology, Inje University, Korea)
10:50-11:00	Air pollution with particulate matter is associated with mortality in patients with ischemic stroke	Sang Joon An 55 (Department of Neurology, Seoul National University, Korea)
11:00-11:10	Binge drinking habit can increase risk for ischemic stroke in Korean men	Soo Joo Lee
11:10-11:20	Effect of B-Vitamins on stroke rist among individuals with vascular disease who are not on antipaltelets: A meta-analysis	Jong-Ho Park 57 (Department of Neurology, Seonam University, Korea)
11:20-11:30	Visceral fat and cerebral microbleeds in neurologically healthy people	Hyung-Min Kwon 58 (Department of Neurology, Boramae Medical Center, Korea)
11:30-11:40	Headache in moyamoya disease - Incidental or characteristic?	Shigeru Nogawa
11:40-11:50	The relationship between osteoporosis and cerebral artery calcification	Moo-Seok Park60 (Department of Neurology, Chung-Ang University, Korea)
11:50-12:00	The association between hypertriglyceridemia and acute lacunar infarction in Korean population	Kyung Bok Lee 61 (Department of Neurology, Soonchunhyang University, Korea)
12:00-12:10	Cerebral hemodynamic disturbance in dural arteriovenous fistula with retrograde leptomeningeal venous drainage: A prospective study using 123I-lodoamphetamine single photon emission computed tomography	Kazuya Kanemaru
12:10-12:20	Identification and validation of specific genes developing promoter methylation changes in atherosclerotic tissues	Jei Kim
12:20-12:30	Determinants of basal collaterals in moyamoya disease: Clinical and genetic factors	Jong-Won Chung 64 (Department of Neurology, Sungkyunkwan University, Korea)
12:30-12:40	Intermission	
12:40-13:40	Satellite Symposium 3.	
		<b>Chul Lee</b> (Department of Neurology, Hallym University, Korea) Hoe Heo (Department of Neurology, Yonsei University, Korea)

Rivaroxaban, simple with confidence in anticoagulation

12:40-13:00 Fast and furious: New evidence in acute ischemic stroke patients with atrial fibrillation (Department of Neurology, University of Ulsan, Korea)

	Stroke prevention in non-valvular arterial fibrillation: Improving clinical practice		
13:00-13:20	Navigating the evidence of Apixaban in the real world	Kazunori Toyoda	
	Role of non-vitamin K Anticoagulants (NOACs) prevention	in non-valvular atrial fibrillation – Stroke	
13:20-13:40	Dabigatran for stroke prevention: Maximizing clinical benefits, minimizing risk	Vincent Thijs	
13:40-13:50	Intermission		
13:50-15:30 Symposium 4: Current and future concept of stroke care system		cept of stroke care system	
	5 5	(Department of Neurology, Sungkyunkwan University, Korea) in (Department of Neurosurgery, Hokkaido University, Japan)	
13:50-14:15	National strategy on stroke care system in Japan	Kazuo Minematsu	
14:15-14:40	Development of patient delivery system: Brain saver program in Anyang city	Mi Sun Oh	
14:40-15:05	How could multidisciplinary comprehensive stroke care centers in Japan be successful?	Kazutoshi Nishiyama	
15:05-15:30	Clinical research center for stroke (CRCS) project in Korea	Byung-Woo Yoon	

# October 24

# Room A

07:30-08:30	Korean Stroke Society Committee Meet	ing
08:30-08:50	Intermission	
08:50-10:30		<b>Choi</b> (Department of Radiology, Kyung Hee University, Korea) Re (Department of Neurology, Seoul National University, Korea)
08:50-09:00	Effects of mesenchymal stem cell treatment on the expression of matrix metalloproteinases and angiogenesis during ischemic stroke recovery	Hyo Suk Nam ······73 (Department of Neurology, Yonsei University, Korea)
09:00-09:10	Anti-inflammatory effects of ceria nanoparticles in experimental intracerebral hemorrhage models	Dong-Wan Kang
09:10-09:20	Upregulation of a signaling pathway involving transfer RNA after subarachnoid hemorrhage in rats	Takashi Sasaki
09:20-09:30	Newly diagnosed - Atrial fibrillation after stroke and embolic stroke	Yerim Kim
<b>18</b>   The 7 <sup>th</sup> JA	APANESE-KOREAN Joint Stroke Conference	

The 7th JAPANESE-KOREAN Joint Stroke Conference



09:30-09:40	Proteomics-based identification and real- time PCR array of biomarkers influencing carotid plaque vulnerability	Sung Hyuk Heo 77 (Department of Neurology, Kyung Hee University, Korea)
09:40-09:50	Factors associated with small ruptured intracranial aneurysm	Bum Joon Kim
09:50-10:00	Safety of the stepwise carotid revascularization for the severe stenosis of the ICA	Hirofumi Kazama
10:00-10:10	Clinical characteristics of ischemic stroke with atrial fibrillation in octogenarians or older patients	Koji Tanaka80 (Department of Neurology, Kyushu University, Japan)
10:10-10:20	Use of anticoagulation to prevent venous thromboembolism among high- risk patients with acute ischemic stroke: An analysis of the clinical research center for stroke-5th division (CRCS-5) registry	Jay Chol Choi
10:20-10:30	Antithrombotics within 24 hours after recanalization treatment: Is it safe?	Beom Joon Kim 82 (Department of Neurology, Seoul National University, Korea)
10:30-10:50	Coffee Break	
10:50-12:30	Symposium 5: Stroke pathophysiolog	y and translational medicine
		n (Department of Neurology, Sungkyunkwan University, Korea) (Department of Neurosurgery, University of Yamanashi, Japan)
10:50-11:15	Neurovascular protection in stroke	Shunya Takizawa
11:15-11:40	Biomarker and biomaker in stroke	Oh Young Bang
11:40-12:05	Post-ischemic inflammation: Potential therapeutic target for ischemic stroke	Kazuo Kitagawa
12:05-12:30	Quantitative interpretation of white matter hyperintensity to affect stroke outcomes with differential impact and mechanisms depending on stroke subtypes	Dong-Eog Kim ·····88 (Department of Neurology, Dongguk University, Korea)
10.00 10 /0	Intermission	

### 12:40-13:40 Poster Presentation 2 (@ Poster Room)

Chairs: Hyo Suk Nam (Department of Neurology, Yonsei University, Korea) Youngchai Ko (Department of Neurology, Eulji University, Korea) Kyung Bok Lee (Department of Neurology, Soonchunhyang University, Korea) Mi Sun Oh (Department of Neurology, Hallym University, Korea) Sung Hee Hwang (Department of Neurology, Hallym University, Korea) Woo-Keun Seo (Department of Neurology, Korea University, Korea) Jin Soo Lee (Department of Neurology, Ajou University, Korea)

# October 24

# Room B

08:50-10:30	Scientific Session 3		
		<b>ie</b> (Department of Neurology, Seoul National University, Korea) <b>hn</b> (Department of Radiology, Seoul National University, Korea)	
08:50-09:00	Aneurysms at the origin of anomalous middle cerebral arteries	Yu lida91 (Department of Neurosurgery, Yokohama Sakae Kyosai Hospital, Japan)	
09:00-09:10	Secular trends of intravenous heparin use for acute ischemic stroke treatment in Korea: Impact of guidelines on clinical practice	Hee-Joon Bae 92 (Department of Neurology, Seoul National University, Korea)	
09:10-09:20	Initial urgent care doctor for ischemic stroke or TIA associated with acute type A aortic dissection	Masatoshi Koga	
09:20-09:30	Endovascular recanalization therapy in acute ischemic stroke: Systematic review and updated meta-analysis of randomized controlled trials	Keun-Sik Hong 94 (Department of Neurology, Inje University, Korea)	
09:30-09:40	Usefulness of susceptibility vessel sign with bright vessel appearance in acute ischemic stroke	Seung-Hoon Lee 95 (Department of Neurology, Seoul National University, Korea)	
09:40-09:50	Evaluation of carotid atherosclerotic plaque by cone-beam CT	Motohiro Nomura96 (Department of Neurosurgery, Yokohama Sakae Kyosai Hospital, Japan)	
09:50-10:00	Microsurgical interintimal dissection in carotid endarterectomy	Tsutomu Ichinose	
10:00-10:10	High-resolution MRI study after recanalization: Does solitaire hurt arteries?	Woo-Keun Seo 98 (Department of Neurology, Korea University, Korea)	
10:10-10:20	Predictive value of thrombus volume for successful recanalization in stroke patients treated with solitaire	Jang-Hyun Baek	
10:20-10:30	Long-term durability of carotid endarterectomy and carotid artery angioplasty and stenting for symptomatic stenosis: Updated systematic review and meta-analysis	Jin-Man Jung	
10:30-10:50	Coffee Break		
10:50-12:30	Symposium 6: Novel strategy on strol	ke outcome	
		<b>Lee</b> (Department of Rehabilitation, Konkuk University, Korea) <b><i>i</i> Itoh</b> (Department of Neurology, Osaka City University, Japan)	
10:50-11:15	How useful is imaging in predicting outcomes in rehabilitation of post-stroke aphasia?	Masahiro Abo	
11:15-11:40	Stem cell therapy in chronic ischemic stroke patients: Between fact and fantasy	Seong-Ho Koh 104 (Department of Neurology, Hanyang University, Korea)	
11:40-12:05	Restoration of post-stroke upper limb paralysis with BMI neurorehabilitation	Meigen Liu 105 (Department of Rehabilitation Medicine, Keio University, Japan)	
12:05-12:30	Tele-rehabilitation for stroke	Nam-Jong Paik	



#### Chair: Keun-Hwa Jung (Department of Neurology, Seoul National University, Korea)

- 001 Multifunctional mesoporous nanosilica composed of magnetic core and shell doped ceria nanoparticles for diagnosis and treatment of intracerebral hemorrahge
- 002 The post-translational modifications of neurodegeneration related proteins in the photothrombotic induced cerebral infarct rat model
- 003 Protective effects of Fc-tagged recombinant saxatilin in transient focal cerebral ischemia of mice
- 004 Infarct volume can be reduced by early activation of the phosphatidylinositol 3-kinase pathway in hyperacute stage after ischemic stroke
- 005 Effects of Zileuton on murin models of intracranial hemorrhage
- 006 Activation of the PI3K pathway plays important roles in reduction of cerebral infarction by cilnidipine
- 007 Neuroprotective effects of acetyl-L-carnitine against oxygenglucose deprivation-induced neural stem cell death
- 008 Tiny hippocampal lesions on diffusion weighted MR in patients with versus without transient global amnesia
- 009 Embolic stroke of undetermined source (ESUS) in Korea university stroke registry: Descriptive analyses
- 010 Resistance index decrement ratio along the M1 segment of middle cerebral artery is associated with progression of cerebral white matter hyperintensities

Dong-Wan Kang ...... 109 (Seoul National University, Korea)

- Kyung-Lim Joa ······ 110 (Inha University, Korea)
- Il Kwon ..... 111 (Yonsei University, Korea)
- Seong-Ho Koh ..... 112 (Hanyang University, Korea)
- Han Sang Lee ..... 113 (Seoul National University, Korea)
- Jeong-woo Son ······ 114 (Hanyang University, Korea)
- Seong-Ho Koh ..... 115 (Hanyang University, Korea)
- Moonyoung Jeong ······ 116 (Konkuk University, Korea)
- Han Jun Kim ..... 117 (Korea University, Korea)
- (Seoul National University, Korea)

## Poster Session 2

011

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013

014

015

016

017

#### Chair: Kyung-Ho Yu (Department of Neurology, Hallym University, Korea)

The role of vasa vasorum activities in human carotid atherosclerosis is associated with plaque development and vulnerability	Sung Pil Joo
Echoing plaque activity of the coronary and intracranial arteries in stroke patients: Cardiac multidetector CT and high-resolution MR imaging study	Jong-Won Chung
Feature of pain in the paralyzed limbs at stroke patients and its treatment	Ziyoda Akbarkhodjaeva 121 (Tashkent Medical Academy, Uzbekistan
Cerebral air embolism caused by interstitial pneumonia with aspergillus infection	Mutsuko Araki ······ 122 (Hiroshima University, Japan)
Lack of association between serum uric acid level and short-term clinical outcome in acute ischemic stroke	Hanna Choi
Focal perfusion abnormality in diffusion negative transient ischemic attack predicts subsequent new ischemic lesions	Sang Hun Lee
Cerebral syncope: A disproportionate cerebral hypoperfusion, as an additional mechanism of syncope	Hyojung Nam
The 7 <sup>th</sup> IAPANESE-KORE	AN loint Stroke Conference   21



- 018 Left atrial myxoma as a cause of ischemic stroke : Case report
- 019 Unusual multifocal infarction in patient with mucoa-associated lymphoid tissue lymphoma
- 020 Combined MR diffusion/perfusion imaging patterns define underlying mechanisms of lateral medullary infarction

#### Chair: Jun Hong Lee (Department of Neurology, NHIC Ilsan Hospital, Korea)

- 021 Posterior reversible encephalopathy syndrome secondary to blood transfusion
- 022 Difference of autonomic function in acute stroke phase between right and left middle cerebral artery territory
- 023 Clinical and physiological characteristics of transient orthostatic hypotension in adults
- 024 Pontine tegmental infarction with contralateral ataxia, tremor
- 025 Bilateral thalamic infarction caused by artery of percheron occlusion
- 026 Primary central nervous system vasculitis : Experience of Inha university hospital
- 027 Dangerous hiking at high altitude
- 028 Anomalous internal carotid artery as a cause of transient ischemic attack
- 029 Pulsatility of middle cerebral arteries is better correlated with white matter hyperintensities than aortic stiffening
- 030 A case report of fibromuscular dysplasia in the posterior cerebral arterv

# Poster Session 4

031

032

033

034

035

#### Chair: Jaseong Koo (Department of Neurology, Catholic University of Korea, Korea)

Neutrophil gelatinase-associated lipocalin as a biomarker in ischemic stroke	Ji Hwa Kim
Thyrotoxicosis-induced cerebral vasospasm in a patient with moyamoya syndrome	Hyung Geun Oh ······ 140 (Soonchunhyang University, Korea)
Recurrent transient global aphasia without hemiparesis caused by a dural arteriovenous fistula	Hyung Geun Oh ······ 141 (Soonchunhyang University, Korea)
Clinical characteristics according to histologically-confirmed thrombus composition in hyperacute ischemic stroke	Kyu Sun Lee (Ajou University, Korea)
Clinical and sonographical factors associated with lacunar and striatocapsular stroke progression	Keon-Joo Lee

036 Effects of virtual reality exercise program on balance in cerebellar infarction patients

47 43 (Dankook University, Korea)

22 | The 7<sup>th</sup> |APANESE-KOREAN |oint Stroke Conference

(Pohang St. Mary's Hospital, Korea) Jinhyun Kim ······ 127 (Chungbuk National University, Korea)

> Younggun Lee ..... 128 (Yonsei University, Korea)

> Siryung Han ..... 129

Yoohwan Kim ...... 130 (Korea University, Korea)

Dong Gyu Park ······ 131

Min-Ju Cha ..... 132

Sung Keun Kim ...... 133

(Kangwon National University, Korea)

Eung-seok Lee ······ 134 (Inha University, Korea)

Jeonghee Kim ······ 135

(Catholic University of Korea, Korea)

(Hallym University, Korea)

Min-Ju Cha ..... 138

(Chungbuk National University, Korea)

(Konkuk University, Korea) Ilung Kang ...... 136

(Chungbuk National University,

(Ajou University, Korea)

Korea)

(Catholic University of Korea, Korea)

Su Hyun Park ······ 126

Byungju Ryu ..... 145 (Sahmyook Medical Center, Korea)

Seung Nam Yang ..... 148 (Korea University, Korea)

Soo Jin Kim ..... 149

Soo Jin Kim ..... 150 (Konkuk University, Korea)

Sung-Hwa Ko ..... 151 (Pusan National University, Korea)

Bo-Ram Kim ...... 153

Min Kyung Shin ..... 154 (Veterans Health Service Medical

Hyojae Kim ..... 155 (Korean Armed Forced Capital

Sook Joung Lee ..... 156

Yeon Kang ..... 157

(Bundang Jesaeng Hospital, Korea) Yeon Kang ...... 159

(Bundang Jesaeng Hospital, Korea)

Sook Joung Lee ..... 161

Sook Joung Lee ...... 162

(Dong-A University, Korea)

(Dong-A University, Korea)

(Dong-A University, Korea)

(Konkuk University, Korea)

Center, Korea)

Hospital, Korea)

(Konkuk University, Korea)

- 037 The effects of radial extracorporeal shock wave therapy for hemiplgic shoulder pain syndrome
- 038 Ultrasonographic findings in patients with hemiplegic shoulder pain
- 039 Assessment of the correlation of community mobility with guality of life and post-stroke depression: Using life-space assessment
- 040 Reliability and validity of Korean version of Life-Space Assessment (K-LSA) for assessing community mobility in stroke patients

### Poster Session 5

#### Chair: Sung Bom Pyun (Department of Rehabilitation, Korea University, Korea)

- 041 Factors associated with improvement or decline in cognitive function after ischemic stroke
- 042 Prism adaptation treatment for post stroke homonymous hemianopia : Case series report
- 043 Effect of ESWT in knee flexor spasticity by applying sites in stroke patients: Muscle belly vs Myotendinous junction
- 044 Evaluation of caregiving time and its association factors in severe brain injured patients
- 045 The effect of whole body vibrator on the sitting balance in subacute stroke patients
- 046 Development of the computerized Stroop Color-Word Interference Test (ST-CWIT) for stroke patients
- 047 Balance training with robotic aid in multiple system atrophy patient: A case report
- 048 The effect of whole body vibrator on the lower extremity function in subacute stroke patients
- 049 Effect of tracheostomy on swallowing and voluntary cough function in patients with stroke
- 050 Functional status difference in left and right pure ischemic MCA infarction: 1 year follow-up study

# Poster Session 6

Chair: Jay Chol Choi (Department of Neurology, Jeju National University, Korea)

- 051 Submental ultrasonographic evaluation for dysphagia
- 052 Differences in maximal isometric strength and endurance of the tongue according to region in healthy adults
- 053 The crossover impacts of aphasia or dysarthria in post-stroke patients with language problems
- 054 The Korean version of Stroke Impact Scale 3.0(K-SIS 3.0) evaluation of reliability and validity

(Bundang Jesaeng Hospital, Korea) Hyun Dong Kim ······ 166 (Inje University, Korea) David Min ..... 167 (Kangwon National University, Korea)

Sung Uk Choi ..... 168 (National Rehabilitation Center, Korea)

The 7<sup>th</sup> JAPANESE-KOREAN Joint Stroke Conference 23

- Yeon Kang ...... 164

Sook Joung Lee ...... 163 (Dong-A University, Korea)

- 055 Clinical predictors of oro-esophageal tube feeding in patients with dysphagia
- 056 The usefulness of the reclining position on swallowing in neurogenic dysphagia : Case report
- 057 The effects of mirror therapy on central facial paresis in subacute stroke patients
- 058 Leukoaraiosis and functional outcome in patients with subcortical infarct
- 059 The iScore, predictive tool for early neurologic deterioration during acute stroke stage
- 060 One-year vascular events according to antiplatelet regimens in non-cardioembolic ischemic stroke

#### Yoonmok Cheon ...... 169 (University of Ulsan, Korea)

Jung-A Kang ······ 172 (University of Ulsan, Korea)

Kyung Hee Do ..... 174 (University of Ulsan, Korea)

Sang-hwa Lee ...... 176 (Seoul National University, Korea)

Jong Hwan Choi ...... 178 (Daegu Fatima Hospital, Korea)

Min-Gyeong Kim ······ 179

Hak Ju Oh ..... 181

Nari Choi ..... 182

Binod Kumar Yaday ..... 183

(Chonbuk National University, Korea)

Ki Woong Nam ······ 184

Joonsang Yoo ..... 185

Soo Joo Lee ...... 186

(Seoul National University, Korea)

(Yonsei University, Korea)

(Eulji University, Korea)

(Soonchunhyang University, Korea)

(Inha University, Korea)

(Hallym University, Korea)

## Poster Session 7

#### Chair: Jae-Kwan Cha (Department of Neurology, Dong-A University, Korea)

- 062 Platelet function assay for clopidogrel in patients with recurrent ischemic stroke
- 063 Different features of anterior and posterior circulation dissections
- 064 Yield of screening tests for vasculitis in ischemic stroke in young adults
- 065 Relationship between vitamin D deficiency and 3-month functional outcome in acute ischemic stroke
- **066** Different incidence of stroke and its subtypes at the highest and lowest daily temperature in Seoul
- 067 The association of polymorphisms in NADPH and SOD genes with stroke
- 068 D-dimer and early neurological deterioration in cryptogenic stroke in cancer
- 069 Long-term outcomes in stroke patients with multi-detector coronary CT-based coronary artery disease
- 070 Coexisting peripheral arterial disease may influence clinical outcome in patients with acute ischemic stroke

### **Poster Session 8**

#### Chair: Moon-Ku Han (Department of Neurology, Seoul National University, Korea)

- 071 Silent coronary artery disease in stroke patients with symptomatic carotid atherosclerotic stenoses: Findings based on cerebral and coronary angiographies
- 072 Dabigatran effect on left ventricular thrombus in a patient with acute ischemic stroke
- 073 White matter hyperintensity as a predictor of early neurological deterioration in pontine infarction
- Jae Guk Kim ····· 187 (Eulji University, Korea)

#### The 7th JAPANESE-KOREAN Joint Stroke Conference

- 074 Ischemia as a potential etiologic factor in idiopathic unilateral sudden sensorineural hearing loss: Analysis of posterior circulation arteries
- 075 Increased D-dimer level is associated with reduced survival in stroke patients with active cancer
- 076 Comparison of clinical characteristics of documented atrial fibrillation and non-atrial fibrillation during the first hospitalization in patients with cardiomebolic stroke
- 077 Two cases of ischemic stroke combined with ovarian hyperstimulation syndrome
- 078 Serum free fatty acid levels is associated with stroke severity in acute ischemic stroke
- 079 Non-complicated left ventricular wall motion abnormalities are associated with stroke recurrence
- 080 Control status of dyslipidemia and the prevalence of REsidual Risk in patients with Ischemic Stroke (RERIS)

Chulho Kim ...... 190 (Hallym University, Korea)

Mi Ji Lee 191 (Sungkyunkwan University, Korea)

Jae Guk Kim ...... 192 (Eulji University, Korea)

Hwa Reung Lee ...... 205 (Inje University, Korea)

Heejung Mo ····· 206

Yong Bum Kim ..... 207

(Seoul National University, Korea)

(Sungkyunkwan University, Korea)

# **Poster Session 9**

#### Chair: Seul-Ki Jeong (Department of Neurology, Chonbuk National University, Korea)

081	Factors associated with improvement or decline in cognitive function after hemorrhagic stroke	Jun Hwan Choi
082	Ischemic stroke associated with tyrosin kinase inhibitor for chronic myeloid leukemia: Clinical and imaging characteristics of 7 patients	Kijeong Lee
083	Risk factors for future hemorrhagic stroke among ischemic stroke patients	Sung Hoon Kang
084	Migraine and stroke: A case report of protein S deficiency	Jin Soo Kim
085	The family history of stroke and stroke risk in Korean adult population	Hanbin Lee 202 (CHA Bundang Medical Center, Korea)
086	Increased plasma homocysteine levels are associated with white matter hyperintensity, silent subcortical infarcts and cerebral microbleeds	Chang-Hwan Ryu
087	Comparison of triflusal and clopidogrel effects in secondary prevention of stroke based on cytochrome P450 2C19 genotyping	Hwa Reung Lee 204 (Inje University, Korea)

- (MAESTRO): A multicenter, randomized, open-label, parallelgroup study
  088 Transcranial doppler pulsatility index and bone mineral density in
- ischemic stroke patients
- 089 Nocturnal desaturation is associated with wake-up ischemic stroke
- 090 Which metabolic syndrome criteria is more relevant for the prediction of silent brain infarction? A study in a Korean population

#### Chair: Kyung-Yul Lee (Department of Neurology, Yonsei University, Korea)

- 091 Dysphagia in isolated pontine infarction patients
- 092 Serum cadmium level is positively associated with intracranial nonruptured aneurysm incidence
- 093 Distinct trajectory grouping of systolic blood pressure during the first 24 hours after admission
- 094 Implication of white matter hyperintensity on the long-term mortality in patients with cryptogenic stroke
- 095 Post-stroke management in Can Tho City's hospitals, Vietnam: Evaluation from health staffs participating it
- **096** Direct communication between doctors of a stroke center and local hospitals significantly shortened time interval to prepare intraarterial thrombectomy for acute ischemic stroke patients first visited local hospitals
- 097 Association between glycemic variation and poststroke cardiovascular death

#### 098 Withdrawn

- 099 The application of critical pathway for reperfusion therapy in acute stroke patients: Implication for improving clinical outcome
- 100 Effect of Cilostazol, a selective inhibitor of phosphodierastaze 3, in the prevention of cerebral vaospasm following aneurysmal subarachnoid hemorrhage: A randomized, double-blind, placebocontrolled trial

#### So Young Lee 208 (University of Ulsan, Korea) Jun-Beom Lee 209

(Hong-Ik Hospital, Korea)

## **Poster Session 11**

#### Chair: Hyo Suk Nam (Department of Neurology, Yonsei University, Korea)

- 101 Impact of different operational definition on frequency of VCI in post-stroke survivals
- 102 Fully recovered DWI-negative ischemic lesion: Is it really recovered?
- 103 Asymmetric skin temperature after pure motor stroke
- 104 Impact of carotid endarterectomy on mild (=50%) carotid stenosis with unstable plaque
- 105 Imaging outcomes and associated factors in cervicocerebral artery dissection
- 106 Reemergence of stroke deficite with benzodiazepine: A case report
- 107 Large infarcts volume on initial magnetic resonance imaging predicts futile thrombolysis
- 108 Severe white matter hyperintensity is associated with long-term mortality in ischemic stroke patients with atrial fibrillation
- 109 Uncommon stroke mimics treated with intravenous tissue plasminogen activator

So Hyun Ahn
Ye-Ji Kwon
Jongmin Song
Keitaro Shiraishi
Min-Gyeong Kim
Kyunghyun Min ····· 226 (Chungbuk National University, Korea)
Hyun-Wook Nah ······ 227 (Dong-A University, Korea)
Ki Hoon Kim ····· 228 (Yonsei University, Korea)
Hyung Geun Oh

		ке сотп	erence

110 Hyperacute stroke occured in a patient with an operation history of aortic dissection

### **Poster Session 12**

#### Chair: Youngchai Ko (Department of Neurology, Eulji University, Korea)

- 111 N-terminal pro-Brain natriuretic peptide predicts short-term functional outcome in acute ischemic stroke with decreased glomerular filtration rate
- 112 Long-term functional outcome in patients with SAH compared with ICH
- 113 A recurrent stroke stabilization after using novel oral anticoagulant
- 114 Association between intensity of anticoagulation and presence of major vessel occlusion in cardioembolic high risk patients treated with warfarin
- 115 Stres hyperglycemia did not affect the long-term functional outcome in non-diabetic ischemic stroke
- 116 Effect of stress hyperglycemia and intensive rehabilitation therapy in patients with non-diabetic hemorrhagic stroke: Korean stroke cohort for functioning and rehabilitation
- 117 Undergraduate nursing students' awareness of stroke and their behavior regarding stroke management in Korea
- 118 Clinical usefulness of the Scale for the Assessment and Rating of Ataxia(SARA) in mild cerebellar infarction patients
- 119 Spinal dural arteriovenous malformation confused with progressive myelopathy
- 120 Clinical significance of fluid-attenuated inversion recovery hyperintense vessel sign in borderzone infarction

Meyung Kug Kim ------ 232 (Kosin University, Korea)

(Inje University, Korea)

### **Poster Session 13**

#### Chair: Kyung Bok Lee (Department of Neurology, Soonchunhyang University, Korea)

121	Unstable blood pressure of acute ischemic stroke and outcome	Jihoon Kang
122	Predictor for early neurological deterioration in lacunar infarction	Seoi Yeol Rhu 243 (Dankook University, Korea)
123	Withdrawal of antiplatelet and anticoagulant therapy in the periprocedural period : Harmful or safe?	Sang-Won Park ······ 244 (Daegu Fatima Hospital, Korea)
124	Spinal epidural hematoma misdiagnosed as acute ischemic stroke	Jinhee Kim
125	Bilateral posterior communicating arteries may decrease the severity of hyperacute posterior circulation ischemic stroke and predict good prognosis	Kwonduk Seo
126	Recurrent embolic infarction in patient with atrial septal aneurysm	Sang-mi Noh 247 (Catholic University of Korea, Korea)
127	Comparison between intracranial and extracranial hyperacute carotid occlusion in patients who received intra-arterial therapy	Dongbeom Song ······ 248 (Yonsei University, Korea)

- 128 Cystatin C as a prognostic factor of short-term functional outcome after ischemic stroke in patients with chronic kidney disease
- 129 Immediate catheter-directed thrombolysis for acute upper extremity artery embolism complicating tPA administration for acute basilar artery occlusion
- 130 Changes in anti-factor Xa activities according to acute reversal by prothrombin complex concentrates in the rivaroxaban-related intracranial hemorrhage

#### Chair: Mi Sun Oh (Department of Neurology, Hallym University, Korea)

- 131 Sudden unexpected death in a patient with bilateral medial medullary infarction
- 132 Cerebral rheumatoid vasculitis : A case study
- 133 Uric acid consumption in the patients received intraarterieal thrombolysis
- 134 Aortic valve disease increases stroke severity
- 135 Prediction of stroke subtype and recanalization using susceptibility vessel sign on susceptibility weighted image
- 136 Is there a correlation between hyperintense vessels in FLAIR image and slow flow velocity?
- 137 A case of tubercuoma causing cerebral infarction by direct vessel compression
- 138 A case of micrographia associated with pure midbrain infarction
- 139 The value of arterial transit artifact with arterial spin labeling MRI in patients with internal carotid artery stenosis
- 140 Cerebral microhemorrhage after extracorporeal mechanical oxygenation

### **Poster Session 15**

#### Chair: Sung Hee Hwang (Department of Neurology, Hallym University, Korea)

- 141 Selective application of high resolution MRI in intracranial vertebral artery dissection: Detection of false-negative lesion on conventional MRI
- 142 Acute necrotizing encephalopathy in childhood (ANEC) : Case report
- 143 A case of hypertensive encephalopathy mainly unilateral anterior circulation involvement with diffuse reversible cerebral vasoconstriction
- 144 Does giant cystic cerebral cavernous malformation result in low grade glioma?

Heejung Mo 249 (Seoul National University, Korea)

Jee Hyun Kwon ...... 252

(University of Ulsan, Korea)

Hanul Park ...... 253 (Gachon University, Korea) Do Yeon Kim ...... 255 (Seoul National University, Korea) Jung Min Pyun ...... 256 (Seoul National University, Korea) Dong-Wan Kang ······ 257 (Seoul National University, Korea) Pil-Wook Chung ...... 258 (Sungkyunkwan University, Korea) Sook Young Roh ..... 259 (Bundang Jesaeng General Hospital, Korea) Seoi Yeol Rhu ······ 260 (Dankook University, Korea) Hyunkoo Kang ······ 261 (Veterans Health Service Medical Center, Korea) (Hallym University, Korea)

28 | The 7<sup>th</sup> JAPANESE-KOREAN Joint Stroke Conference

Jaechun Hwang ····· 264

(Catholic University of Korea, Korea)



#### The 7th JAPANESE-KOREAN Joint Stroke Conference

- 145 Thalamomesencephalic infarction presenting as vertical one-anda-half synrome with contralesional horizontal gaze palsy
- 146 Post-carotid endarterectomy changes of cerebral glucose metabolism on 18f-fluoro-deoxyglucose positron emission tomography associated with postoperative improvement and impairment in cognitive function
- 147 MRI patterns of cerebral infarction with cortical hemorrhage in cardiac myxoma
- 148 Association between aortic atheroma and small vessel disease in patients with ischemic stroke
- 149 Reversible cerebral vasoconstriction syndrome with delayed cortical subarachnoid hemorrhage
- 150 Patient-specific non-newtonian blood viscosity applied to the prediction of arterial hemodynamics

### **Poster Session 16**

#### Chair: Woo-Keun Seo (Department of Neurology, Korea University, Korea)

- 151 Hypoxic viable tissue in human chronic cerebral ischemia because of unilateral major cerebral artery steno-occlusive disease
- 152 The characteristics of ischemic stroke with repeated falsenegative diffusion weighted image
- 153 A case of acute thalamic infarction with hypertensive brainstem encephalopathy
- 154 Preoperative prediction of cerebral hyperperfusion after carotid endarterectomy using middle cerebral artery signal intensity in 1.5-tesla magnetic resonance angiography followed by cerebrovascular reactivity to acetazolamide using brain perfusion single-photon emission computed tomography
- 155 Neural substrates of upper extremity motor impairment after stroke based on voxel-based lesion symptom mapping (VLSM)
- 156 Pontine high signal intensities as a presentation of asymptomatic hypertensive brain damage
- 157 Septic cavernous sinus thrombosis with the infectious arteritis of the intracavernous internal carotid artery
- 158 Imaging selection criteria for intra-arterial thrombectomy in acute ischemic stroke: NCCT with multi-phase CTA versus CT perfusion
- 159 The clinical effect of cerebral microbleeds on cognitive function
- 160 Role of transcranial doppler on differentiating nonaneurysmal subarachnoid hemorrhage in patients with systemic lupus erythematosus

# Poster Session 16

Chair: Jin Soo Lee (Department of Neurology, Ajou University, Korea)

161 The importance of middle cerebral artery flow for cerebral hemodynamics in carotid artery occlusion Kangho Choi 284 (Chonnam National University, Korea)

(Iwate Medical University, Japan)

Ji Yeon Chung ...... 270 (Chosun University, Korea)

Inha Hwang 272 (Veterans Health Service Medical Center, Korea)

Hiroaki Saura 274 (Iwate Medical University, Japan) Chang Yeob Lee 275 (Keimyung University, Korea) In Gun Hwang 276

(Iwate Medical University, Japan)

(Korea University, Korea)
Yong Bang Kim
Jin Hee Im
Eung Yeop Kim
Jeong Hun Lee
Young Seo Kim

162	Vascular hyperemia with dilated angiopathy in MELAS syndrome	Chulho Kim ······ 285 (Hallym University, Korea)
163	Comparison of clinical outcomes of single or combination of intravenous and intraaretrial thrombolysis performed within 3 hours for acute ischemic stroke patients	Hye Seon Jeong
164	Histological characteristics of the thrombi retrieved by intraarterial thrombectomy	Jongwook Shin
165	A case of acute subdural hemorrhage after carotid artery stenting	Sun Young Im (Hallym University, Korea)
166	Does onset to recanalization time influence the effect of penumbra pattern on clinical outcomes in acute ischemic stroke patients receiving endovascular treatment?	Jun Yup Kim 289 (Seoul National University, Korea)
167	Recanalization of cerebral arterial occlusion just before emergent conventional angiography	Eung-seok Lee 290 (Inha University, Korea)
168	Initial clot burden score on T2* GRE is not associated with recanalization and clinical outcome after mechanical thrombectomy using solitaire stent for acute ischemic stroke	Jongsoo Kang
169	The role of brain CT after endovascular thrombectomy in predicting symptomatic hemorrhage in acute basilar occlusion	Da-Eun Jeong
170	Three cases of successful stent insertion in patients with unstable plaque at ICA bulb by balloon guiding catheter	Jae Hyuk Kwak
171	A case of the perianeurysmal edema after the coil embolization	Jaehyun Son 295 (Tomishiro Central Hospital, Japan)