



ICSU 2023 11th JKJSC

**International Conference STROKE UPDATE 2023
& 11th Japan-Korea Joint Stroke Conference**

**November 16(Thu) - 18(Sat), 2023
Paradise Hotel, Busan, Korea**



PROGRAM BOOK



The abstract book is available for download on the website.



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Welcome Message

Dear Colleagues and Friends,

On behalf of the Korean Stroke Society, I would like to welcome all participants to the International Conference STROKE UPDATE 2023 & 11th Japan-Korea Joint Stroke Conference (ICSU 2023 & 11th JKJSC).

The ICSU, which focuses on the latest research in various aspects of stroke, has been held since 2012, providing participants with various networking opportunities with leading scientists and researchers. In particular, this conference will be held jointly with the 11th JKJSC, which is the result of collaboration and friendship between members of the Japan Stroke Society and the Korean Stroke Society.

The ICSU 2023 & 11th JKJSC promises to be a great occasion to present advanced academic achievements, and to exchange information, valuable scientific researches, and cases in the field of stroke. The scientific program will propose high quality sessions that will provide deeper knowledge and new perspectives in this field. Furthermore, you will have the opportunity to learn contemporary knowledge about stroke from world-renowned speakers.

In addition, you will get to experience the charming city of Busan, which is filled with a natural environment harmonized by mountains, rivers and sea, as well as a modern city with cultural diversity.

We sincerely hope that ICSU 2023 & 11th JKJSC will be a festival in which we sit face-to-face again to celebrate the exit from the COVID crisis and stand hand-in-hand to leap over the next coming challenges.

Once again, we welcome you to ICSU 2023 & 11th JKJSC, and please share your valuable expertise with us and enjoy the programs prepared for you at the conference.

Sincerely yours,



Enug-Gyu Kim, M.D., Ph.D.
Congress Chair, Korean Stroke Society



Conference Overview

TITLE	International Conference STROKE UPDATE 2023 & 11th Japan-Korea Joint Stroke Conference
DATE	November 16 (Thu) - 18 (Sat), 2023
VENUE	Paradise Hotel Busan, Busan, Korea
HOSTED BY	Korean Stroke Society
OFFICIAL LANGUAGE	English & Korean
WEBSITE	www.strokeupdate-kss.org

Organizing Committee

**Listed by last name in alphabetical order*

CONGRESS CHAIR	Eung-Gyu Kim	Inje University
PRESIDENT	Hee-Joon Bae	Seoul National University
SECRETARY GENERAL	Beom Joon Kim	Seoul National University
TREASURER	Soo Joo Lee	Eulji University
EXECUTIVE COMMITTEE	Shigeru Fujimoto	Jichi Medical University
	Teruyuki Hirano	Kyorin University
	Keun-Sik Hong	Inje University
	Keun-Hwa Jung	Seoul National University
	Beom Joon Kim	Seoul National University
	Gyeong-Moon Kim	Sungkyunkwan University
	Kwang-Yeol Park	Chung-Ang University
	Joung-Ho Rha	Inha University
	Kozue Saito	Nara Medical University
	Woo-Keun Seo	Sungkyunkwan University
	Sung-Il Sohn	Keimyung University
	Kazunori Toyoda	National Cerebral and Cardiovascular Center
	Yuji Ueno	University of Yamanashi
	Yusuke Yakushiji	Kansai Medical University

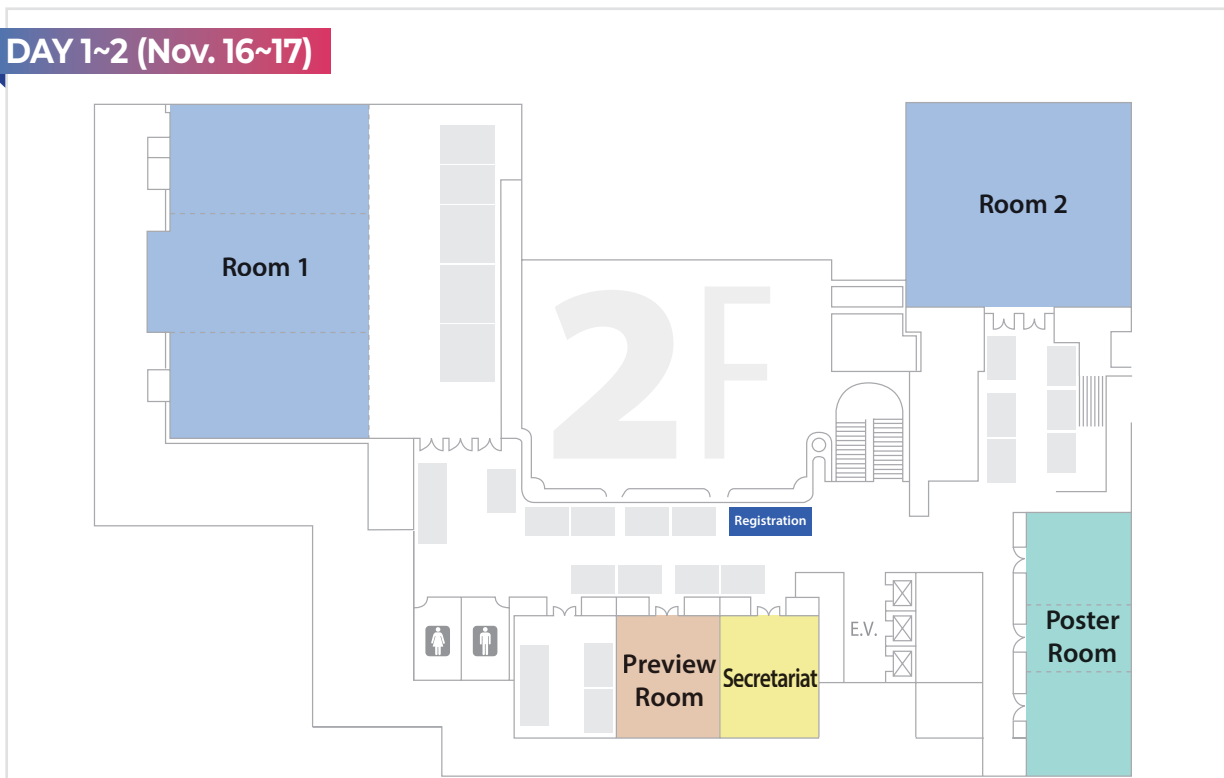
SCIENTIFIC COMMITTEE CHAIR	Gyeong-Moon Kim	Sungkyunkwan University
	Kazuo Kitagawa	Tokyo Women's Medical University
SCIENTIFIC COMMITTEE	Jay C. Choi	Jeju National University
	Ryo Itabashi	Iwate Medical University
	Yoshiaki Itoh	Osaka Metropolitan University
	Beom Joon Kim	Seoul National University
	Bum Joon Kim	University of Ulsan
	Chi Kyung Kim	Korea University
	Jinkwon Kim	Yonsei University
	Sang-Bae Ko	Seoul National University
	Masatoshi Koga	National Cerebral and Cardiovascular Center
	Keon-Joo Lee	Korea University
	Takehiko Nagao	Nippon Medical School Musashikosugi Hospital
	Makoto Nakajima	Kumamoto University
	Hyo Suk Nam	Yonsei University
	Toshiho Ohtsuki	Kindai University Hospital
	Hee Kwon Park	Inha University
	Kwang-Yeol Park	Chung-Ang University
	We Sun Ryu	JLK
	Woo-Keun Seo	Sungkyunkwan University
	Sung-Il Sohn	Keimyung University
	Kenichi Todo	Osaka University Graduate School of Medicine
	Yoshiki Yagita	Kawasaki Medical University
	Shinichi Yoshimura	Hyogo Medical University
ADVISORY BOARD	Chin-Sang Chung	Dr. Chung's Neurology & Headache Clinic.
	Jong S. Kim	University of Ulsan
	Shotai Kobayashi	Faculty of Medicine, Shimane University
	Byung-Chul Lee	Hallym University
	Kwang Ho Lee	Sungkyunkwan University
	Yukito Shinohara	Tokai University & Tachikawa Hospital
	Norihiro Suzuki	Keio University, School of Medicine
	Shinichiro Uchiyama	International University of Health and Welfare
	Byung-Woo Yoon	Eulji University

Conference Information

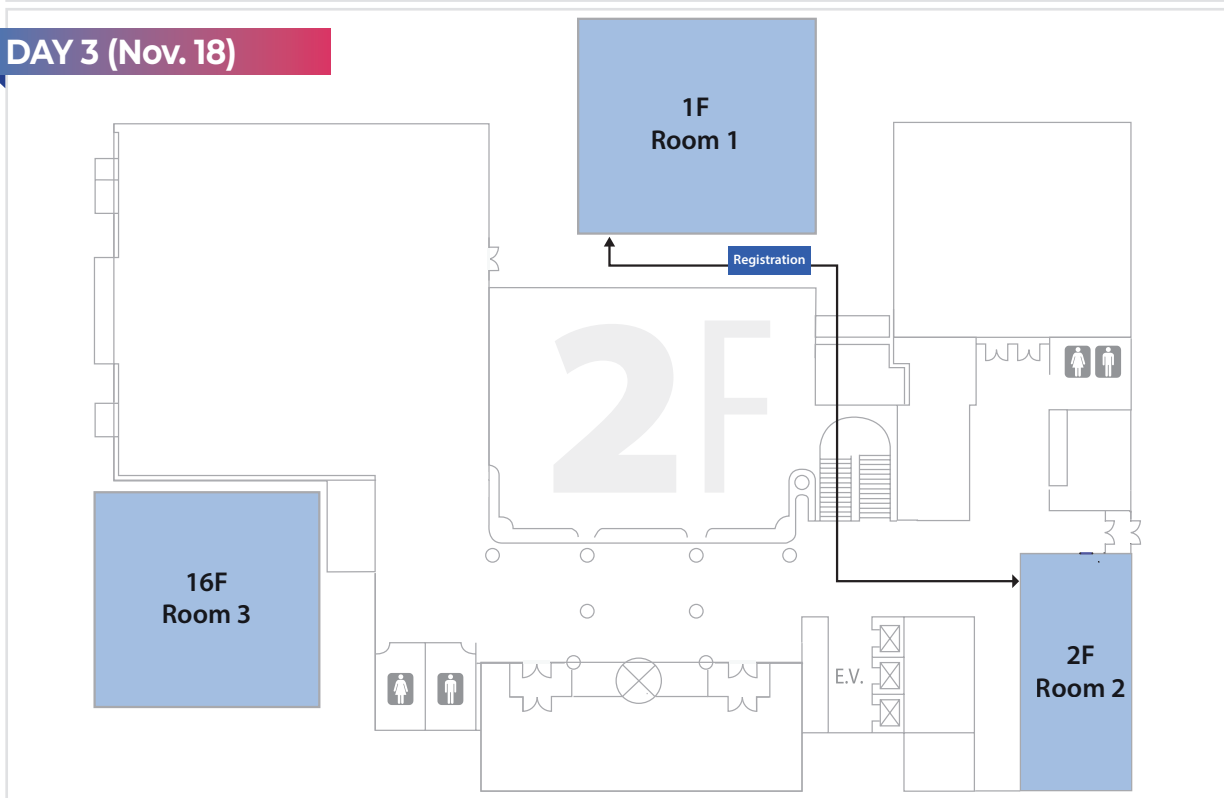
Floor Plan

* The session rooms on DAY 1, 2 and DAY 3 are different.

DAY 1~2 (Nov. 16~17)



DAY 3 (Nov. 18)



Registration Desk

OPERATION TIME & LOCATION	November 16 (Thu)	08:00-17:30	Lobby, 2F
	November 17 (Fri)	07:30-18:30	
	November 18 (Sat)	08:00-14:00	Sicily Room Lobby, 1F

On-site Registration

CATEGORY	MEMBER	MEMBER (2024 연회비 납부자)	NON-MEMBER	NON-KOREAN NATIONALS
M.D.	KRW 250,000	KRW 230,000	KRW 350,000	USD 250
Trainee		KRW 130,000		USD 130
*Allied Health Professionals		KRW 70,000		USD 70
One-day (Nov. 17 & 18)		KRW 30,000 (Trainee & Allied Health Professionals ONLY)		USD 30
Accompanying		KRW 70,000		USD 70

* Allied Health Professionals indicate nurse, paramedical person and technician etc.

(For Korean) 대회 연수평점 안내

대한의사협회 연수교육 지침에 따라 실제 세션을 수강하신 시간에 비례하여 평점이 인정됩니다.

구분	내용
취득 가능 평점	11월 16일(목) 및 17일(금)은 각각 최대 6평점, 18일(토) 최대 4평점까지 인정됩니다. (3일 최대 16점 이수 가능)
평점 인정 기준 (강의 수강 기준)	▶ 1시간 미만: 1평점 인정 불가 ▶ 1시간 이상 ~ 2시간 미만 ⇒ 1평점 ▶ 2시간 이상 ~ 3시간 미만 ⇒ 2평점 ▶ 3시간 이상 ~ 4시간 미만 ⇒ 3평점 ▶ 4시간 이상 ~ 5시간 미만 ⇒ 4평점 ▶ 5시간 이상 ~ 6시간 미만 ⇒ 5평점 ▶ 6시간 이상 ⇒ 6평점 (1일 취득 가능 최대 평점)
주의 사항	- 세션 시작과 종료 시, 네임택에 있는 QR 코드를 강의장 입구 및 등록데스크에 있는 리더기에 접촉해야 합니다. (1일 2회 이상) - 체류시간 누락을 최소화하기 위해 QR 코드 접촉 시 평점 기기 화면 내역을 꼭 확인하시기 바랍니다. - 체류시간 누락 시, 등록데스크로 문의하여 주시기 바랍니다.

Preview Room

Please visit the Preview Room at least 1 hour before your session starts to upload and verify that your presentation file works well on our AV system.

PLACE	Venice, 2nd floor, Paradise Busan Hotel
OPERATING HOURS	08:00-17:30 on November 16 (Thu) 07:30-18:30 on November 17 (Fri)

Poster Room

The Poster Exhibition & Presentation will be held in the Sydney Room. You can freely **visit the Sydney Room to view the posters during the operating hours on Nov. 16 (Thu) and Nov. 17 (Fri)**. Additionally, you are welcome to attend the Poster Session where all poster presenters will briefly introduce their abstract including Q&As.

PLACE	Sydney, 2nd floor, Paradise Busan Hotel
POSTER EXHIBITION HOURS	08:00-18:00 on November 16 (Thu) 08:00-18:00 on November 17 (Fri)
POSTER SESSION	13:00-13:50 on November 16 (Thu) 13:00-13:50 on November 17 (Fri)

If you are a poster presenter, please refer to the schedule below and **visit the reception desk for further instructions and materials related to the placement of your poster**.

CATEGORY	POSTER SESSION 1	POSTER SESSION 2
Poster Exhibition	November 16 (Thu) 09:00-16:30	November 17 (Fri) 08:00-17:30
Poster Mounting	November 16 (Thu) 08:00-09:00	November 16 (Thu) 17:00-18:00
Poster Presentation	November 16 (Thu) 13:00-13:50	November 17 (Fri) 13:00-13:50
Poster Demounting	November 16 (Thu) 16:30-17:00	November 17 (Fri) 17:30-18:00

Exhibition

PLACE	2nd floor, Paradise Busan Hotel
OPERATING HOURS	08:00-18:00 on November 16 (Thu) 08:00-19:00 on November 17 (Fri)

Program at a glance

Day 1: November 16 (Thu)

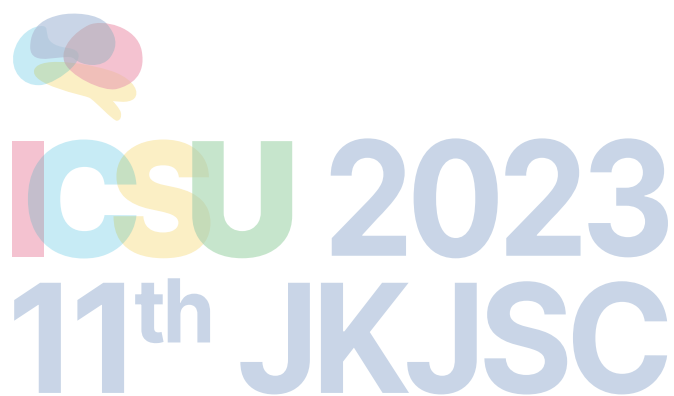
Room	Room 1 (GBR), 2F	Room 2 (Capri), 2F	Poster (Sydney), 2F
08:00			
09:00	[Symposium 1] Cardioembolic Stroke	[Scientific Session 1]	
10:00	Coffee Break (10:40-11:00)		
11:00	[Plenary Session 1]		
12:00	[Luncheon Symposium 1] Amgen Korea	[Luncheon Symposium 2] Lixiana	
13:00	[Satellite Symposium 1] Samjin pharm		[Poster Session 1]
	Coffee Break (13:30-13:50)		
14:00	[Symposium 2] SVD	[Scientific Session 2]	
15:00	Coffee Break (15:30-15:50)		
16:00	[Symposium 3] Genetics		
17:00			

Day 2: November 17 (Fri)

Room	Room 1 (GBR), 2F	Room 2 (Capri), 2F	Poster (Sydney), 2F
08:00	[Breakfast Symposium 1] VIATRIS KOREA	[Breakfast Symposium 2] Organon Korea Co., Ltd.	
09:00	[Symposium 4] Reperfusion Therapy	[Scientific Session 3]	
10:00	Coffee Break (10:40-11:00)		
11:00	[Plenary Session 2]		
12:00	[Luncheon Symposium 3] Sanofi Aventis Korea	[Luncheon Symposium 4] Eliquis	
13:00	[Satellite Symposium 2] MYUNG-IN PHARM.	[Satellite Symposium 3] Korea Otsuka Pharmaceutical.	[Poster Session 2]
	Coffee Break (13:30-13:50)		
14:00	[Symposium 5] Acute Stroke Care System in Asia	[Scientific Session 4]	
15:00	Coffee Break (15:30-15:50)		
16:00	[Symposium 6] AI & Informatics	[Policy Session] (For Korean Only)	
17:00	[Resident Session] (For Korean Only)		
18:00	Presidential Dinner (Invitation Only)		

Day 3: November 18 (Sat)

Room	Room 1 (Sicily), 1F	Room 2 (Sydney), 2F	Room 3 (Panorama), 16F
08:00			
09:00	[Symposium 7] Quality Improvement in Stroke Care	[Nursing Symposium] (For Korean Only)	
10:00			[Poster Blitz Session] (For Korean Only)
	Coffee Break (10:40-11:00)		
11:00	[Symposium 8] Intracranial Artery Stenosis	[Debate Session] (For Korean Only)	
12:00			
13:00	[Luncheon Symposium 5] Daewoong Bio		
14:00		[Genesis-K Symposium 1]	
15:00		Coffee Break (15:35-15:55)	
16:00		[Genesis-K Symposium 2]	
17:00			
18:00			



International Conference STROKE UPDATE 2023
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Detailed Program

Day 1 - November 16 (Thu)

09:00-10:40	Symposium 1. Cardioembolic Stroke CHAIRS Masatoshi Koga (National Cerebral and Cardiovascular Center, Japan) Sun U. Kwon (Asan Medical Center, Korea)	Room 1
09:00-09:25	Imaging and blood biomarkers of CE stroke: State-of-the art Woo-Keun Seo (Samsung Medical Center, Korea)	
09:25-09:50	Atrial cardiopathy and cardiac biomarkers in stroke Yuji Ueno (University of Yamanashi, Japan)	
09:50-10:15	Factor XI inhibitor: A next generation prospect to prevent thromboembolic stroke Mike Sharma (McMaster University/ PHRI, Canada)	
10:15-10:40	Reperfusion integrated care for optimizing the management of stroke and associated heart disease Yohei Tateishi (Nagasaki University Hospital, Japan)	
09:00-10:40	Scientific Session 1 CHAIRS Kozue Saito (Stroke Center, Nara Medical University, Japan) Keun-Sik Hong (Inje University Ilsan Paik Hospital, Korea)	Room 2
09:00-09:10	Evidence of inflammatory cell infiltration in central blood of human ischemic stroke and negative role of innate immunity Seong-Joon Lee (Ajou University School Of Medicine, Korea)	
09:10-09:20	Single-cell level comparative analysis of monocytic compositions and associated biological processes in early stages of intraparenchymal hemorrhage, severe ischemic stroke, and subarachnoid hemorrhage Han-Gil Jeong (Seoul National University Bundang Hospital, Korea)	
09:20-09:30	Rho-kinase inhibitor: Possible target for neuroprotection in the era of mechanical thrombectomy Yoichi Morofuji (Nagasaki University, Japan)	
09:30-09:40	Gene-specific promoter methylation changes differently occurred in autosomes or X chromosome by the radiophenotypes of cerebral small vessel diseases Jei Kim (College Of Medicine And Hospital, Chungnam National University, Korea)	
09:40-09:50	Peripheral blood mononuclear cells preconditioned by oxygen-glucose deprivation cause microglial phenotype conversion by secretome after cerebral ischemia Masahiro Hatakeyama (Brain Research Institute, Niigata University, Japan)	
09:50-10:00	Microembolic signals of transcranial doppler in acute stroke with active cancer patients are associated with D-dimer, CRP level, multiple lesions, and mortality at 3 months. Sono Toi (Tokyo Womens Medical University Adachi Medical Center, Japan)	
10:00-10:10	Coagulation factor expression and composition of arterial thrombi in cancer-associated stroke Joonsang Yoo (Yongin Severance Hospital, Korea)	

10:10-10:20	Corrected QTc interval combined with troponin value and mortality in acute ischemic stroke Sung-Ho Ahn (Pusan National University Yangsan Hospital, Korea)	
10:20-10:30	Headaches during pregnancy is associated with the risk of subsequent stroke: Based on the Korean National Health Insurance Service database Ki-Woong Nam (Seoul Metropolitan Government-Seoul National University Boramae Medical Center, Korea)	
10:30-10:40	Free fatty acid and atrial fibrillation-associated stroke: Lipidomic-GWAS study Woo-Keun Seo (Samsung Medical Center, Korea)	
11:00-12:00	Plenary Session 1 CHAIRS Kazunori Toyoda (National Cerebral and Cardiovascular Center, Japan) Joung-Ho Rha (Inha University Hospital, Korea)	Room 1
11:00-12:00	Expanding indication for acute endovascular thrombectomy Shinichi Yoshimura (Hyogo Medical University, Japan)	
12:00-13:00	Luncheon Symposium 1. Amgen Korea CHAIRS Kwang Ho Lee (Sungkyunkwan University School of Medicine, Korea) Yong-Seok Lee (SMG-SNU Boramae Medical Center, Korea)	Room 1
12:00-12:30	The lowest, the best strategy with evolocumab in atherosclerotic stroke patients Bum Joon Kim (Asan Medical Center, Korea)	
12:30-13:00	The earliest, the best strategy with evolocumab in atherosclerotic stroke patients Minwoo Lee (Hallym University Sacred Heart Hospital, Korea)	
12:00-13:00	Luncheon Symposium 2. Lixiana CHAIRS Jong S. Kim (GangNeung Asan Hospital, Korea) Jei Kim (Chungnam National University Hospital, Korea)	Room 2
12:00-12:30	Secondary stroke prevention: What do real world data on NOACs suggest? Ki-Woong Nam (SMG-SNU Boramae Medical Center, Korea)	
12:30-13:00	Anticoagulation strategy in elderly patients with AF: Focusing on Edoxaban Jun Yup Kim (Seoul National University Bundang Hospital, Korea)	
13:00-13:30	Satellite Symposium 1. Samjin pharm CHAIR Hee-Jung Song (Chungnam National University Sejong Hospital, Korea)	Room 1
13:00-13:30	Optimal treatment strategy for large artery atherosclerosis after acute ischemic stroke Yerim Kim (Kangdong Sacred Heart Hospital, Korea)	
13:50-15:30	Symposium 2. SVD CHAIRS Takehiko Nagao (Nippon Medical School Musashi-Kosugi Hospital, Japan) Eung-Gyu Kim (Inje University Busan Paik Hospital, Korea)	Room 1
13:50-14:10	Noncontrast MRI of BBB and glymphatic function in cerebral small vessel disease Danny JJ Wang (University of Southern California, USA)	
14:10-14:30	Clonal hematopoiesis in cerebral small vessel disease Chi Kyung Kim (Korea University Guro Hospital, Korea)	

14:30-14:50	Novel drug discovery in cerebral small vessel disease Yusuke Yakushiji (Kansai Medical University, Japan)	
14:50-15:10	Risk of antithrombotics-associated bleeding in cerebral small vessel disease: BAT2 Kaori Miwa (National Cerebral and Cardiovascular Center, Japan)	
15:10-15:30	Vascular and non-vascular leukoencephalopathy Yi-Chu Liao (Taipei Veterans General Hospital, Taiwan)	
13:50-15:30	Scientific Session 2 CHAIRS Makoto Nakajima (Kumamoto University, Japan) Byung Moon Kim (Severance Hospital, Korea)	Room 2
13:50-14:00	Enhancing stroke patient support: Hotline program for patient telephone counseling Do Yeon Kim (Seoul National University Bundang Hospital, Korea)	
14:00-14:10	Acute stroke management and outcomes in Korea compared 2013-2014 with 2018 Jun Yup Kim (Seoul National University Bundang Hospital, Korea)	
14:10-14:20	Actual resources for stroke care in rural areas and outlying islands of Japan: A survey of Jichi Medical University Graduates Takafumi Mashiko (Jichi Medical University, Japan)	
14:20-14:30	CADASIL Registry in East Asia (CADREA): Protocol for an international prospective cohort study Satoshi Saito (National Cerebral And Cardiovascular Center, Japan)	
14:30-14:40	Novel vessel features of reversible cerebral vasoconstriction syndrome identified by computerized quantitative analysis Hyung Jun Kim (Samsung Medical Center, Korea)	
14:40-14:50	RAPID for ANGIO in balloon occlusion test Hikaru Nakamura (Nagasaki University Graduate School Of Biomedical Sciences, Japan)	
14:50-15:00	Fully automated detection of large vessel occlusion on computed tomography angiography using deep learning Dongmin Kim (JLK, Inc., Korea)	
15:00-15:10	Predicting infarct core volume in patients with acute ischemic stroke on CT Perfusion among various image slice thicknesses Chuluunbaatar Otgonbaatar (Seoul National University, Korea)	
15:10-15:20	Accelerated brain atrophy after ruptured aneurysmal subarachnoid hemorrhage Sungpil Joo (Chonnam National University Hospital, Korea)	
15:50-17:30	Symposium 3. Genetics CHAIRS Sung-Chun Tang (National Taiwan University Hospital, Taiwan) Jay Chol Choi (Jeju National University Hospital, Korea)	Room 1
15:50-16:15	Genomics of MRI-markers of cSVD Stephanie Debette (University of Bordeaux, France)	
16:15-16:40	Current status of international genome BIOBANKs and the importance of genomics in cardio & cerebrovascular diseases Yoichiro Kamatani (Laboratory of Complex Trait Genomics, Japan)	

16:40-17:05	Mendelian randomization & drug discovery in cSVD Keon-Joo Lee (Korea University Guro Hospital, Korea)
17:05-17:30	A peptide hormone adrenomedullin for CADASIL: AMCAD trial Masafumi Ihara (National Cerebral and Cardiovascular Center, Japan)

Day 2 - November 17 (Fri)

08:30-09:00	Breakfast Symposium 1. VIATRIS KOREA CHAIRS Sungwook Yu (Korea University Anam Hospital, Korea)	Room 1
08:30-09:00	Lowering risk of stroke by statin use: Atorvastatin benefits Tae-Jin Song (Ewha Womans University Seoul Hospital, Korea)	
08:30-09:00	Breakfast Symposium 2. Organon Korea Co., Ltd. CHAIRS Kyungbok Lee (Soonchunhyang University Seoul Hospital, Korea)	Room 2
08:30-09:00	The benefit of Ezetimibe/Atorvastatin FDCs for ischemic stroke patients with hypercholesterolemia Kwang-Yeol Park (Chung-Ang University Hospital, Korea)	
09:00-10:40	Symposium 4. Reperfusion Therapy CHAIRS Kenichi Todo (Osaka University Graduate School of Medicine, Japan) Ji Hoe Heo (Severance Hospital, Korea)	Room 1
09:00-09:25	Reperfusion therapy in minor stroke Pooja Khatri (University of Cincinnati, USA)	
09:25-09:50	Tenecteplase on the move Hiroyuki Kawano (Kyorin University, Japan)	
09:50-10:15	EVT in BAO Hyungjong Park (Keimyung University Dongsan Hospital, Korea)	
10:15-10:40	Effect of intensive BP lowering vs. conventional BP lowering after successful IA thrombectomy Hyo Suk Nam (Severance Hospital, Korea)	
09:00-10:40	Scientific Session 3 CHAIRS Hiroshi Yamagami (NHO Osaka Medical Center, Japan) Seung-Hoon Lee (Seoul National University Hospital, Korea)	Room 2
09:00-09:10	Small vessel disease burden predicts incident stroke, dementia, death, and functional outcome in independent outpatients with vascular risk factors Kazuo Kitagawa (Tokyo Women's Medical University, Japan)	
09:10-09:20	Predictors of incomplete occlusion after flow diverter treatment Kazuaki Okamura (Nagasaki University, Japan)	
09:20-09:30	Impacts and limitations arising from the induction of flow diverters Yoichi Morofuji (Nagasaki University, Japan)	
09:30-09:40	The interhospital disparity of the groin puncture-to-recanalization time: The Korean Stroke Registry Eung-Joon Lee (Seoul National University Hospital, Korea)	
09:40-09:50	The efficacy and safety of stent-assisted coil embolization with the semi-jailing technique in patients with unruptured intracranial aneurysm Manabu Shirakawa (Hyogo Medical University, Japan)	
09:50-10:00	Revascularization patterns and characteristics after erythropoietin pretreatment and multiple burrholes in acute stroke patients with perfusion impairment Ji Man Hong (Ajou University Medical Center, Korea)	

10:00-10:10	Quantifying temporal changes of symptomatic intracranial arterial disease with high-resolution vessel wall imaging Beom Joon Kim (Seoul National University Bundang Hospital, Korea)	
10:10-10:20	Exploratory plasma lipidomics profiling in extracranial and intracranial atherosclerotic disease among patients with acute ischemic stroke Darda Chung (Samsung Medical Center, Korea)	
10:20-10:30	Global tortuosity index is associated with the burden of intracranial atherosclerosis in stroke patients Mi-Yeon Eun (Kyungpook National University Chilgok Hospital, Korea)	
10:30-10:40	Detecting middle cerebral artery stenosis in transcranial doppler using a convolutional neural network Yong-Jae Kim (Catholic Univ. Of Korea, Seoul, Korea)	
11:00-12:00	Plenary Session 2 CHAIRS Yoshiaki Itoh (Osaka Metropolitan University Graduate School of Medicine, Japan) Hee-Joon Bae (Seoul National University Bundang Hospital, Korea)	Room 1
11:00-12:00	Lessons learned from stroke genomics across ancestries: Opportunities for drug discovery and risk prediction Stephanie Debette (University of Bordeaux, France)	
12:00-13:00	Luncheon Symposium 3. Sanofi Aventis Korea CHAIRS Byung-Woo Yoon (Uijeongbu Eulji Medical Center, Korea) Jong-Moo Park (Uijeongbu Eulji Medical Center, Korea)	Room 1
12:00-12:30	Early antithrombotic treatment of acute ischemic stroke Keun-Hwa Jung (Seoul National University Hospital, Korea)	
12:30-13:00	Secondary prevention and long-term management strategies in stroke patients Hye Seon Jeong (Chungnam National University Hospital, Korea)	
12:00-13:00	Luncheon Symposium 4. Eliquis CHAIRS Byung-Chul Lee (Hallym University Sacred Heart Hospital, Korea) Hyung Dong Kim (Haeundae Bum General Hospital, Korea)	Room 2
12:00-12:25	Better patient care for secondary stroke prevention Jun Young Chang (Asan Medical Center, Korea)	
12:25-12:50	Dosing strategies for long-term persistence and adherence Jinkwon Kim (Yongin Severance Hospital, Korea)	
12:50-13:00	Q&A	
13:00-13:30	Satellite Symposium 2. MYUNG-IN PHARM. CHAIRS SooJoo Lee (Daejeon Hospital, Korea)	Room 1
13:00-13:30	The role of triflusal in preventing ischemic stroke Joonsang Yoo (Yongin Severance Hospital, Korea)	

13:00-13:30	Satellite Symposium 3. Korea Otsuka Pharmaceutical.	Room 2
	CHAIRS Jun Hong Lee (National Health Insurance Service Ilsan Hospital, Korea)	
13:00-13:30	Treatment of small vessel disease high burden patients in the light of current therapeutic possibilities Hyuk Sung Kwon (Hanyang University Guri Hospital, Korea)	
13:50-15:30	Symposium 5. Acute Stroke Care System in Asia	Room 1
	CHAIRS Kazuo Kitagawa (Tokyo Women's Medical University, Japan) Jae-Kwan Cha (Dong-A University Hospital, Korea)	
13:50-13:55	Opening remarks Kazuo Kitagawa (Japan), Jae-Kwan Cha (Korea)	
13:55-14:15	Progress and direction in stroke center in Korea Sang Joon An (Catholic Kwandong University International St. Mary's Hospital, Korea)	
14:15-14:35	Recent development of academic accreditation system for stroke center in Japan Shigeru Fujimoto (Jichi Medical University, Japan)	
14:35-14:55	Acute stroke care system in Taiwan: Past and future Cheng-Yang Hsieh (Tainan Sin Lau Hospital, Taiwan)	
14:55-15:15	Acute stroke care system in Vietnam Huy Thang Nguyen (The People's 115 Hospital, Vietnam)	
15:15-15:30	Discussion	
13:50-15:30	Scientific Session 4	Room 2
	CHAIRS Ryo Itabashi (Iwate Medical University, Japan) Dong-Eog Kim (Dongguk University Ilsan Hospital, Korea)	
13:50-14:00	Beta-Blockers may prevent death after acute ischemic stroke Keon-Joo Lee (Korea University Guro Hospital, Korea)	
14:00-14:10	The inter-hospital disparity of door-to-needle and door-to-puncture time in acute ischemic stroke: The Korean Stroke Registry Han-Yeong Jeong (Seoul National University Hospital, Korea)	
14:10-14:20	Effect of very early statin administration on stroke recurrence in patients with acute ischemic stroke Tai Hwan Park (Seoul Medical Center, Korea)	
14:20-14:30	Multivariable prediction model for hemorrhagic transformation following reperfusion therapy using machine learning Mi Sun Oh (Hallym University Sacred Heart Hospital, Korea)	
14:30-14:40	Motor function evaluated by MDS-UPDRS is associated with cerebral small vessel disease severity and can predict mortality and functional outcome in patients with vascular risk factors Megumi Hosoya (Tokyo Women's Medical University, Japan)	
14:40-14:50	Association between systolic blood pressure drop with blood pressure medication and poor functional outcomes after successful endovascular treatment within 24-hour period: Findings from the OPTIMAL-BP randomized clinical trial Jae Wook Jung (Yonsei University College Of Medicine, Korea)	

14:50-15:00	Longitudinal measurement of serum neurofilament light chain in patients with CADASIL Jay Chol Choi (Jeju National University Hospital, Korea)	
15:00-15:10	The impact of statin therapy duration on risk of developing new-onset diabetes mellitus and recurrent vascular events in ischemic stroke patients based on linked data Youngjoon Kim (Seoul National University Hospital, Korea)	
15:10-15:20	Covert atrial fibrillation detected by an insertable cardiac monitor and detection-related factors Kaoru Nakanishi (Kyorin University, Japan)	
15:20-15:30	Effectiveness of denosumab on bone mineral density in patients with osteoporosis and stroke Jae Ik Jung (Daegu Catholic University School Of Medicine, Korea)	
15:50-17:30	Symposium 6. AI & Informatics CHAIRS Teruyuki Hirano (Kyorin University, Japan) Nam-Jong Paik (Seoul National University Bundang Hospital, Korea)	Room 1
15:50-16:10	Patient characterization and predictive modeling using deep learning with electronic health records and clinical text Jihad S. Obeid (Medical University of South Carolina, USA)	
16:10-16:30	Diffusion models for brain MRI reconstruction Jong Chul Ye (Korea Advanced Institute of Science and Technology, Korea)	
16:30-16:50	Clinical study using Fukuoka Stroke Registry, a largest acute stroke registry in Japan Tetsuro Ago (Kyushu University, Japan)	
16:50-17:10	Artificial intelligence in stroke Sohei Yoshimura (National Cerebral and Cardiovascular Center, Japan)	
17:10-17:30	Wearable rehabilitation robot Won-Seok Kim (Seoul National University Bundang Hospital, Korea)	
15:50-17:30	Policy Session. Present and Future of Telemedicine for Acute Stroke Care in Korea CHAIRS Kyungbok Lee (Soonchunhyang University Seoul Hospital, Korea) Kyung-Ho Yu (Hallym University Sacred Heart Hospital, Korea)	[For Korean Only] Room 2
15:50-16:05	Telemedicine for stroke care in Alberta region, Canada Brian H Buck (University of Alberta, Canada)	
16:05-16:20	Role of telemedicine in prehospital stroke care and transportation system in Korea Mi Sun Oh (Hallym University Sacred Heart Hospital, Korea)	
16:20-16:35	Refer System of mechanical thrombectomy eligible patients assisted by AI program and telemedicine Jin Soo Lee (Ajou University Hospital, Korea)	
16:35-16:50	Barriers to telemedicine application for emergency treatment and transportation in rural areas of Korea Daihai Choi (CHA University Gumi Hospital, Korea)	
16:50-17:05	Digital transformation in healthcare and the future of acute stroke care Seong-ji Kang (WELT, Korea)	

17:05-17:30 **Panel discussion**
Keun-Hwa Jung (Seoul National University Hospital, Korea)
Sung Eun Lee (Ajou University Medical Center, Korea)
Joongyub Lee (Seoul National University College of Medicine, Korea)

17:30-18:30 Resident Session

[For Korean Only]

CHAIRS Man Seok Park (Chonnam National University Hospital, Korea)
 Keun-Hwa Jung (Seoul National University Hospital, Korea)

Room 1

17:30-17:45 **Choice of fluids in severe stroke patients**
Sang-Bae Ko (Seoul National University Hospital, Korea)

17:45-18:00 **Medical management of IICP in malignant stroke**
Tae Jung Kim (Seoul National University Hospital, Korea)

18:00-18:15 **GI problems in malignant stroke**
Soo-Hyun Park (Kangdong Sacred Heart Hospital, Korea)

18:15-18:30 **뇌졸중 홈페이지 활용 팁**
Minwoo Lee (Hallym University Sacred Heart Hospital, Korea)

Day 3 - November 18 (Sat)

09:00-10:40	Symposium 7. Quality Improvement in Stroke Care	Room 1
	CHAIRS Toshiho Ohtsuki (Kindai University Hospital, Japan) Sung-Il Sohn (Keimyung University Dongsan Hospital, Korea)	
09:00-09:20	Establishment & performance improvement of stroke center in Korea Sung Hyuk Heo (Kyung Hee University Hospital, Korea)	
09:20-09:40	Stroke care system in the EVT era in Japan Yasuhiro Nishiyama (Nippon Medical School, Japan)	
09:40-10:00	Transforming stroke care in Thailand: The path for improvement Nijasri C. Suwanwela (Chulalongkorn Stroke Center, Bangkok, Thailand)	
10:00-10:20	Quality improvement for stroke care using a value based approach Deidre Anne De Silva (Singapore General Hospital, Singapore)	
10:20-10:40	Improving stroke systems of care in the Philippines Maria Epifania Collantes (University of the Philippines-Philippine General Hospital, Philippines)	
09:00-10:40	Nursing Symposium	[For Korean Only]
	CHAIRS Sang Min Sung (Pusan National University Hospital, Korea) Ji Man Hong (Ajou University Hospital, Korea)	Room 2
09:00-09:25	NIHSS를 이용한 신경학적평가 Hyunyoung Huh (Dong-A University Hospital, Korea)	
09:25-09:50	Promotion and standardization of rehabilitation nursing activities for the early rehabilitation of acute phase stroke patients Chae Won Kim (Severance Hospital, Korea)	
09:50-10:15	Neurovascular anatomy and reperfusion therapy Jonguk Kim (Inha University Hospital, Korea)	
10:15-10:40	NCU nursing care of the stroke patients Han-Bin Lee (Seoul St. Mary's Hospital, Korea)	
10:00-11:00	Poster Blitz Session	[For Korean Only]
	CHAIRS Pil-Wook Chung (Kangbuk Samsung Hospital, Korea)	Room 3
10:00-10:15	Evolocumab, PCSK9 inhibitor, in acute ischemic stroke patient undergoing mechanical thrombectomy: Early outcomes and safety. Ulchan Hong (Inha University Hospital, Korea)	
10:15-10:30	Impact of exercise habit changes on myocardial infarction after acute ischemic stroke: A nationwide population-based study Dong A Ye (Hallym University Sacred Heart Hospital, Korea)	
10:30-10:45	Acute ischemic stroke due to bilateral carotid artery occlusion in Erdheim-Chester disease: A case report Yun Young Choi (Severance Hospital, Korea)	

11:00-12:40 Symposium 8. Intracranial Artery Stenosis

CHAIRS Yoshiki Yagita (Kawasaki Medical University, Japan)
Jeong Eun Kim (Seoul National University Hospital, Korea)

Room 1

11:00-11:20 Hemodynamics in symptomatic intracranial atherosclerotic disease
Xinyi Leng (The Chinese University of Hong Kong, Hong Kong)

11:20-11:40 Anti-platelet treatment for intracranial atherosclerosis
Tomoyuki Ohara (Kyoto Prefectural University of Medicine, Japan)

11:40-12:00 Stenting for intracranial atherosclerosis
Dongwhane Lee (Uijeongbu Eulji Medical Center, Korea)

12:00-12:20 Non-atherosclerotic intracranial stenosis
Shuhei Okazaki (Osaka University Graduate School of Medicine, Japan)

12:20-12:40 Bypass surgery in intracranial artery stenosis
Sung Ho Lee (Seoul National University Hospital, Korea)

**11:00-12:40 Debate Session. What is the Best Treatment for
Intracranial Arterial Disease: Case and Debate**

[For Korean Only]

CHAIRS Jun Lee (Yeungnam University Medical Center, Korea)
Sang Hyun Suh (Gangnam Severance Hospital, Korea)

Room 2

11:00-11:25 Overview of intracranial arterial disease: Emerging concept
Beom Joon Kim (Seoul National University Bundang Hospital, Korea)

11:25-11:50 Individualized medical approach: Principles never change
Ho Geol Woo (Kyung Hee University Hospital, Korea)

11:50-12:15 Intracranial stenting: A new hope
Byung Hyun Baek (Chonnam National University Hospital, Korea)

12:15-12:40 STA-MCA bypass surgery: Resurrection from ashes
Si Un Lee (Seoul National University Bundang Hospital, Korea)

12:40-13:40 Luncheon Symposium 5. Daewoong Bio

CHAIRS Dae-Il Chang (Kyung Hee University Hospital, Korea)
Yun-Hee Kim (Sungkyunkwan University School of Medicine, Korea)

Room 1

12:40-13:40 The role of cerebrolysin in the treatment of ischemic stroke
Chi Kyung Kim (Korea University Guro Hospital, Korea)

14:00-15:35 GENESIS-K Symposium 1

Room 2

CHAIRS Joohon Sung (Public Health, Seoul National University Graduate School of Public Health, Korea)

14:00-14:05 Opening remark
Hee-Joon Bae (Principal Investigator, GENESIS-K, Korea)

14:05-14:35 Previous results of Korean stroke genomics research- GENEYAS
Jay Chol Choi (Jeju National University Hospital, Korea)

14:35-15:05	Comprehensive pharmacogenotyping using UKBiobank as an example, and the importance of East Asian data Joo-Yeon Lee (Institute of Health and Environment, Seoul National University, Korea)	
15:05-15:35	Panel discussion and Q&A Masafumi Ihara (National Cerebral and Cardiovascular Center, Japan) Sung-Chun Tang (National Taiwan University Hospital, Taiwan) Jay Chol Choi (Jeju National University Hospital, Korea)	
15:55-17:30	GENESIS-K Symposium 2 CHAIRS Juneyoung Lee (Biostatistics, College of Medicine, Korea University, Korea)	Room 2
15:55-16:25	GENESIS-K overview Do Yeon Kim (Seoul National University Bundang Hospital, Korea)	
16:25-16:55	Detailed analysis plan and pilot analysis results Keon-Joo Lee (Korea University Guro Hospital, Korea)	
16:55-17:25	Panel discussion and Q&A Stephanie Debette (University of Bordeaux, France) Yoichiro Kamatani (Laboratory of Complex Trait Genomics, Japan) Kwang-Yeol Park (Chung-Ang University Hospital, Korea)	
17:25-17:30	Closing Hee-Joon Bae (Principal Investigator, GENESIS-K, Korea)	

Poster Session

November 16 (Thu)

13:00-13:50 Poster Session 1

Poster Room

CHAIRS Jinkwon Kim (Yongin Severance Hospital, Korea)
Bang-Hoon Cho (Korea University Anam Hospital, Korea)
Bum Joon Kim (Asan Medical Center, Korea)
Seung-Jae Lee (Soonchunhyang University Bucheon Hospital, Korea)
Chi Kyung Kim (Korea University Guro Hospital, Korea)
Joonsang Yoo (Yongin Severance Hospital, Korea)
Ho Geol Woo (Kyung Hee University Hospital, Korea)
Mi Sun Oh (Hallym University Sacred Heart Hospital, Korea)

Group A

PP002	Factors predicting hospital-to-hospital transfer delay for patients with acute ischemic stroke Min Kim (Ajou University School Of Medicine, Korea)
PP005	Mortality predictors based on blood volume, Glasgow coma scale and neutrophil lymphocyte ratio in intracerebral hemorrhagic stroke Neysa Azalia Efrimaia (Neysa Azalia Efrimaia1, Imran1, Desiana2, Zulkarnain3, Nurul Fajri4, Indonesia)
PP006	Evolocumab, PCSK9 inhibitor, in acute ischemic stroke patient undergoing mechanical thrombectomy: Early outcomes and safety. Ulchan Hong (Inha University Hospital, Korea)
PP007	The effectiveness and safety of bridging reperfusion therapy in posterior circulation stroke compared to anterior circulation stroke. Eunji Lee (Soonchunhyang University Seoul Hospital, Korea)
PP009	Case series of IV tirofiban infusion after IV thrombolysis and endovascular treatment in acute ischemic stroke with large artery occlusion: Single center experience Junghwa Seo (Busan Paik Hospital, Korea)
PP010	Determination of biological potential of pteryxin on pulmonary arteries with their antiplatelet aggregation mechanism with their molecular mechanism Dinesh Kumar Patel (Sam Higginbottom University Of Agriculture, Technology And Sciences, India)

Group B

PP011	Early recurrent cerebral infarction and patent foramen ovale Seo Hyun Kim (Yonsei University Wonju Collage Of Medicine, Korea)
PP012	Acute cholecystitis during hospitalization for acute ischemic stroke Seo Hyun Kim (Yonsei University Wonju College Of Medicine, Korea)
PP013	Influence of cerebral microbleeds on hemorrhagic transformation after successful recanalization through endovascular treatment in patients with acute ischemic stroke arising from large artery occlusion Jae Guk Kim (Daejeon Eulji Medical Center, Korea)

PP014	Association between substantia nigra degeneration and functional outcome in patients with basal ganglia infarction Hyungwoo Lee (Ewha Womans University Seoul Hospital, Korea)
PP015	Therapeutic normothermia for malignant ischemic stroke : A case report Sung-Sik Kim (Yeungnam University Medical Center, Korea)
PP017	Prognostic factors associated with functional outcome after endovascular therapy in acute ischemic stroke with large infarction core Jong-Hee Choi (Chonnam National University Hospital, Korea)
PP018	Predicting functional outcomes in acute ischemic stroke: An application of the machine learning model and SHAP interpretation Joonwon Lee (Haeundae Paik Hospital, Korea)
PP147	Extracranial ICA dissecting aneurysm as a source of embolic stroke: A case report Hanim Kwon (Korea University Ansan Hospital, Korea)
PP148	Brain frailty and outcomes of acute minor ischemic stroke with large- vessel occlusion Je-Woo Park (Chonnam National University Hospital, Korea)

Group C

PP020	Impact of intracranial atherosclerotic stenosis on functional outcomes following intensive versus conventional blood pressure management after revascularization in acute ischemic stroke due to large vessel occlusion Kwang Hyun Kim (Yonsei University College Of Medicine, Korea)
PP021	Masquerade of a stroke case for thrombolysis Hiu Tung Colin Lui (Tseung Kwan O Hospital, Hong Kong)
PP023	Two endovascular treatment cases with isolated posterior cerebral artery occlusion Byoung Wook Hwang (Chosun University Hospital, Korea)
PP024	Bilateral vertebral arteries dissection after cervical chiropractic manipulation Yoonha Hwang (The Catholic University Of Korea St Vincent's Hospital, Korea)
PP025	Factors associated with early neurologic deterioration in successfully recanalized patients treated with thrombectomy. Jae Sang Lee (Soonchunhyang University Bucheon Hospital, Korea)
PP026	Endovascular thrombectomy in patients with acute ischemic stroke with multivessel occlusions : Case reports. Jiyun Park (Wonkwang University Hospital, Korea)
PP027	Acute anterior spinal cord infarction after bronchial artery embolization Hyunmin Park (Kosin University Gospel Hospital, Korea)
PP028	Delayed refractory cerebral vasoconstriction syndrome after stenting for bilateral carotid arteries. Young Seok Jeong (Keimyung University School Of Medicine, Korea)
PP029	Serum erythropoietin is positively correlated with cerebral collateral flow in acute stroke Jun Beom Lee (Hongik Hospital, Korea)

Group D

PP031	Diabetes status and outcomes of endovascular therapy for acute ischemic stroke due to large vessel occlusion Cheng-Yang Hsieh (Tainan Sin Lau Hospital, Taiwan)
PP032	Adherence and barrier to early positive airway pressure therapy (PAP) in patient with acute phase of ischemic stroke Heejung Mo (Hallym University Dongtan Sacred Heart Hospital, Korea)
PP033	Impact of exercise habit changes on myocardial infarction after acute ischemic stroke: A nationwide population-based study Dong A Ye (Hallym University Sacred Heart Hospital, Korea)
PP034	Effect of targeted temperature management after successful endovascular reperfusion therapy in patients with acute basilar artery occlusion Jehyun Ahn (Jeju National University Hospital, Korea)
PP035	Association between genetic polymorphisms in fibrinogen genes and bleeding risk in patients treated with direct oral anticoagulants Tae-Jin Song (Seoul Hospital, Ewha Womans University, Korea)
PP036	ABCG2 gene polymorphisms may affect the bleeding risk in patients on apixaban and rivaroxaban Tae-Jin Song (Seoul Hospital, Ewha Womans University, Korea)
PP037	Association between genetic polymorphisms and bleeding in patients on direct oral anticoagulants Tae-Jin Song (Seoul Hospital, Ewha Womans University, Korea)
PP038	Comparative efficacy of oral anticoagulants using zebrafish thrombosis model Jin-Man Jung (Korea University Ansan Hospital, Korea)
PP039	In mice models of focal ischemic stroke, short-term high aspartame intake did not enhance infarct volume or stroke mortality Seungbum Choi (Dongguk University, Korea)

Group E

PP040	Potential new biomarkers for acute arterial thrombosis Lee Su Lee (Dongguk University, Korea)
PP041	In vitro screening of phase I clinical compounds that disrupt the binding between PSD95 and nNOS Seungbum Choi (Dongguk University Ilsan Hospital, Korea)
PP042	Neuroprotective effects of ginseng gintonin in a mouse model of focal ischemic stroke Dong-Eog Kim (Dongguk University Ilsan Hospital, Korea)
PP043	Ovariectomy- and monocyte deficiency-related effects on the mortality and infarct volume in a mouse model of focal ischemic stroke Sukjoon Nam (Dongguk University Ilsan Hospital, Korea)
PP044	A replication study of nerinetide in mice Ha Kim (Dongguk University Ilsan Hospital, Korea)

PP045	Focused ultrasound-assisted blood-brain barrier opening enables targeted microglia modulation for ischemic stroke therapy Jang Seung Ryu (Chungnam National University, Korea)
PP046	Hydrocephalus impairs glymphatic pathway and meningeal lymphatic drainage in a rat model Hahn Young Kim (Konkuk University, Korea)
PP110	Is the mechanism of synchronous cardio-cerebral infarction (CCI) different from that of metachronous CCI? Seonjeong Kim (Dong-A University, Korea)

Group F

PP049	Identifying vulnerable for stroke treatment in Gyeonggi province Do Yeon Kim (Seoul National University Bundang Hospital, Korea)
PP050	Decreasing rates of intravenous thrombolysis for acute ischemic stroke in Korea Yong Soo Kim (Nowon Eulji Medical Center, Korea)
PP051	Association between depression and incident stroke and cardiovascular outcomes after percutaneous coronary intervention: A nationwide population study Chaery Jeon (Hallym University Sacred Heart Hospital, Korea)
PP052	Clinical characteristics and the possible stroke mechanisms of the embolic stroke of unknown sources in Korea: The real world study of the embolic stroke of undetermined sources (ROS-ESUS) Woo-Keun Seo (Samsung Medical Center, Korea)
PP053	The usefulness of global longitudinal peak strain and left atrial volume index in predicting atrial fibrillation in patients with ischemic stroke Soo-Hyun Park (Hallym University Kangdong Sacred Heart Hospital, Korea)
PP054	Ischemic stroke induced by longer episodes of trigeminal autonomic cephalalgias. Toshiho Ohtsuki (Kindai University Hospital, Japan)
PP055	Various application of current devices in treatment of mechanical thrombectomy for cerebral arterial occlusion. Kuhyun Yang (Gangneung Asan Medical Center, Korea)
PP056	Analysis of risk factors for subarachnoid hemorrhage after mechanical thrombectomy in acute ischemic stroke with middle cerebral artery occlusion Seungyeon Song (The Catholic University Of Korea Eunpyeong St Mary Hospital, Korea)

Group G

PP058	Analysis of pain and complication after cerebral angiography and intervention Jung Hwa Seo (Inje University Busan Paik Hospital, Korea)
PP059	Endovascular treatment of intracranial vertebral artery dissecting aneurysms: Comparison of multiple stent and flow-diversion or stent-assisted coiling Hyung Jun Kim (Samsung Medical Center, Korea)

PP060	Preprocedural D-dimer level as a predictor of first-pass recanalization and functional outcome in endovascular treatment of acute ischemic stroke Jang-Hyun Baek (Kangbuk Samsung Hospital, Korea)
PP061	Comparative efficacy of early mechanical thrombectomy and standard medical therapy in anterior circulation large vessel occlusion ischemic strokes: a prospective single-center study Sahnaz Vivinda Putri (International University Semen Indonesia, Indonesia)
PP062	A case of filter retrieval with an aspiration catheter for filter occlusion in an emergency CAS Yuka Ogawa (Nagasaki University Hospital, Japan)
PP063	Progressive intracranial artery dissection with hemodynamic instability rescued by emergent stenting Ji Su Jeong (Ulsan University Hospital, Korea)
PP064	Which one to treat first? : Heart of brain? – A case of synchronous cardiocerebral infarction Si Baek Lee (Uijeongbu St. Mary's Hospital, Korea)
PP065	Successful recanalization after direct brachial approach for acute basilar artery occlusion: A case report Bang-Hoon Cho (Korea University Anam Hospital, Korea)
PP066	Spontaneous revascularization of early stent thrombosis after carotid artery stenting Seo Hyun Kim (Yonsei University Wonju College Of Medicine, Korea)

Group H

PP067	The impact of the initial angiographic appearance of middle cerebral artery occlusion on endovascular revascularization therapy for clinical outcome. Unchang Heo (Jeju National University Hospital, Korea)
PP068	Iron status and outcomes after mechanical thrombectomy in stroke Kang-Ho Choi (Chonnam National University Medical School And Hospital, Korea)
PP069	Successful retrograde stent-assisted coil embolization of ruptured vertebral artery dissecting aneurysm through the left posterior communicating artery in a patient with acute subarachnoid hemorrhage. Un-Chang Heo (Jeju National University Hospital, Korea)
PP070	Delayed ischemic events with low-dose prasugrel medication for stent-assisted coil embolization in intracranial aneurysm patients Hyun Ho Choi (Chung-Ang University Hospital, Korea)
PP072	Safety and efficacy of low-dose prasugrel in the endovascular treatment of unruptured aneurysms in the elderly (≥ 75 years) Hyun Ho Choi (Chung-Ang University Hospital, Korea)
PP073	Moyamoya disease associated with use of nilotinib: A case report Iris Ditan (Philippine General Hospital, Philippines)
PP074	Top of basilar occlusion manifested only as unilateral internuclear ophthalmoplegia : A case report Il Hyung Lee (National Health Insurance Service Ilsan Hospital, Korea)
PP075	Significant miRNAs as potential biomarkers to differentiate moyamoya disease from intracranial atherosclerotic disease Hyesun Lee (Hanyang University Guri Hospital, Korea)

November 17 (Fri)

13:00-13:50 Poster Session 2

Poster Room

CHAIRS Chulho Kim (Hallym University Chuncheon Sacred Heart Hospital, Korea)
 Jun Young Chang (Asan Medical Center, Korea)
 Sung Hyuk Heo (Kyung Hee University Hospital, Korea)
 Yerim Kim (Kangdong Sacred Heart Hospital, Korea)
 Han-Bin Lee (Seoul St. Mary's Hospital, Korea)
 Moo-Seok Park (Ewha Womans University Seoul Hospital, Korea)
 Keon-Joo Lee (Korea University Guro Hospital, Korea)
 Hyungjong Park (Keimyung University Dongsan Hospital, Korea)

Group A

PP076	The relationship between ischemic lesion volume change and neurologic deterioration: Insights from big data analysis Jeongmin Cha (Seoul National University Bundang Hospital, Korea)
PP077	Exploring the association between DWI lesion change in acute stroke and functional recovery: Application of an automated software to 6000 cases Nakhon Kim (Seoul National University Bundang Hospital, Korea)
PP078	Machine learning-based differentiation of intracranial arterial diseases using cerebrovascular morphometry Woo-Keun Seo (Samsung Medical Center, Korea)
PP079	Automated prediction of large vessel occlusion in non-contrast brain computed tomography via feature engineering of net water uptake and clot sign Pyeong Eun Kim (Jlk Inc., Korea)
PP080	Automated detection of intracranial hemorrhage using deep learning: a confirmatory clinical trial Han-Gil Jeong (Seoul National University Bundang Hospital, Korea)
PP081	Utilization trends and association with clinical outcomes of perfusion imaging for acute ischemic stroke in South Korea Jeong-Yoon Lee (Soonchunhyang University Hospital Seoul, Korea)
PP082	A case of young onset cerebral amyloid angiopathy associated with dural grafting Kengo Furutsuka (Kansai Medical University Hospital, Japan)
PP083	Carotid web evaluated with two different types of IVUS Marina Tada (Kansai Medical University Hospital, Japan)
PP084	Rupture of dissecting intracranial aneurysm of distal branch of middle cerebral artery after intravenous thrombolysis Rae On Kim (Soonchunhyang University Seoul Hospital, Korea)

Group B

PP085	Retrograde venous flow into the internal jugular vein in a hemodialysis patient mimicking dural arteriovenous fistula. Eri Shiozaki (Nagasaki University Graduate School Of Biomedical Sciences, Japan)
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PP086	A case of AICA infarction initially presenting vestibular neuronitis with thrombus on labyrinthine artery Sanghyun Kim (St. Vincent's Hospital, Korea)
PP087	Machine learning-based subtype differentiation of ischemic stroke in neuroimaging: A precision medicine approach Rifaldy Fajar (University Of L'aquila, Italy)
PP088	A novel case of CADASIL-like disease with a heterozygous HTRA1 gene mutation. Yeonggeun Choi (Kangdong Sacred Heart Hospital, Korea)
PP089	Low temporal muscle thickness as an indicator of sarcopenia is associated with outcomes in elderly patients with acute ischemic stroke Dong-Seok Gwak (Dongguk University Ilsan Hospital, Korea)
PP090	In vivo imaging of cerebrovascular and microglial responses in ischemic stroke So Yul Kwon (National Priority Research Center, Korea)
PP091	CT angiography early hypoperfusion growth rate correlation with collateral state and endovascular thrombectomy clinical outcome. Youngbin Choi (Gangneung Asan Medical Center, Korea)
PP092	Bilateral spontaneous cervical internal carotid artery dissection with notch1 gene mutation: A case report Jong Wook Shin (Chungnam National University Sejong Hospital, Korea)
PP093	Recurrent pontine infarction with thrombus in a giant vertebrobasilar dolichoectasia. Hyeon Seo Oh (Daegu Catholic University School Of Medicine, Korea)

Group C

PP094	Hounsfield unit as a predictor of symptomatic vasospasm and hydrocephalus in good-grade subarachnoid hemorrhage Hyun Goo Kang (Jeonbuk National University Hospital, Korea)
PP095	Stroke mimics: Differential diagnosis based on multimodal neuroimaging Hye Na Jung (Korea University Guro Hospital, Korea)
PP097	Huge arteriovenous malformation in brainstem with helical venous ectasia Yoonha Hwang (St Vincents Hospital, Korea)
PP098	Congenital absence of the bilateral internal carotid arteries Hyunkoo Kang (Vhs Medical Center, Korea)
PP057	Two cases of pseudo-occlusion of the proximal internal carotid artery in patients with acute ischemic stroke Dongwook Kang (Chungang University Hospital, Korea)
PP099	Recurrent ischemic stroke associated with Lambl's excrescences: Two-year follow-up result. Kyung Sik Jang (National Medical Center, Korea)
PP100	A case of cervical spinal cord infarction associated with coronavirus infectious disease (COVID)-19 Dongwook Kang (Chungang University Hospital, Korea)

PP101	CADASIL with Intracranial hemorrhage and multiple microbleeds Eunbuel Ko (Incheon St. Mary Hospital, Korea)
PP102	Ischemic stroke after ovulation induction treatment in moyamoya disease Jeonghyun Park (St. Vincent's Hospital, Korea)

Group D

PP103	Simultaneous ischemic stroke and heart attack by traumatic cerebro-cardiovascular dissections. Toshiho Ohtsuki (Kindai University Hospital, Japan)
PP104	Ischemic stroke in Vascular Ehlers Danlos syndrome, vasculitide? Hyeryung Kwon (St. Vincent's Hospital, Korea)
PP105	Contralateral hemiparesis in cervicomedullary junction infarction Hyun-Woo Kang (Anam Hospital, Korea University, Korea)
PP106	Effects of FHL2 deficiency on tPA-mediated thrombolysis and hemorrhagic complications Inyeong Park (Dongguk Medical University, Korea)
PP107	Ischemic stroke merging with uterine fibroids enough large to cause hypercoagulability for venous thromboembolism and hyperfibrinolysis for excessive menstruation. Toshiho Ohtsuki (Kindai University Hospital, Japan)
PP108	Proteomic clot analysis as a diagnostic tool of stroke mechanism in ischemic stroke patients underwent endovascular therapy Tae Jung Kim (Seoul National University Hospital, Korea)
PP109	"Alice's Adventures in Wonderland" syndrome repeatedly induced by the lateral temporo-occipital infarcts upon hemodynamic episodes with basilar occlusion. Toshiho Ohtsuki (Kindai University Hospital, Japan)
PP111	Clinical study of sixteen patients with thalamic infarction Katsuhiko Ogawa (Nihon University School Of Medicine, Japan)

Group E

PP112	A randomized-controlled trial on enhancement of endothelial function in subjects with acute cerebral infarct with hypertriglycemia (OMEGA study: Omega-3 modulation of endothelial function in hypertriglycemia with acute ischemic stroke) Jae Hyun Jeon (Gil Medical Center, Korea)
PP114	A literature review on rehabilitation of upper limbs in stroke. Ok Hee Kim (Chodang University, Korea)
PP117	Effects of the electrical stimulation using a high-voltage pulsed current (HVPC) for the treatment of dysphagia after stroke: A randomized controlled study Shuji Matsumoto (Ibaraki Prefectural University Of Health Sciences, Japan)
PP118	Effects of the ultrasound and sonic toothbrushes on oral hygiene and dysphagia in convalescent post-stroke patients: A randomized controlled study Shuji Matsumoto (Ibaraki Prefectural University Of Health Sciences, Japan)

PP119	Feasibility of electrically actuated knee–ankle–foot–orthosis for post–stroke hemiplegic gait: a prospective pilot study Jun Yup Kim (Hanyang University Medical Center, Korea)
PP120	Usage of revised model of dysphagia straw (SafeStraw) compensating for Disadvantages : A case report Seewon Koo (Presbyterian Medical Center, Korea)
PP047	Sex disparities in acute stroke treatment: A closer look at intravenous thrombolysis in South Korea Yoon Ko (Seoul National University Bundang Hospital, Korea)

Group F

PP121	Communication rehabilitation utilizing eye-tracking device in a patient with 'locked-in syndrome' Hyunbin Park (Presbyterian Medical Center, Korea)
PP122	Startle syndrome following brainstem infarction : A case report Myeongkwon Yoon (Presbyterian Medical Center, Korea)
PP123	Novel application of microcurrent for cerebral aneurysms in an intracranial arterial dolichoectasia mouse model Dong Rak Kwon (The Catholic University Of Daegu, School Of Medicine, Korea)
PP124	Effects of digital mirror therapy and classic mirror box on upper-limb motor and daily function in stroke individuals: A pilot study Yu-Wei Hsieh (Chang Gung University, Taiwan)
PP125	Effects of kinesio taping for acute stroke patients with unilateral spatial neglect: A case report Tzuyin Chen (Ditmanson Medical Foundation Chiayi Christian Hospital, Taiwan)
PP126	Crossed aphasia patient undergoing long term speech therapy, a case report Tae Hwan Kim (Presbyterian Medical Center, Korea)
PP127	Does concomitant large artery steno-occlusion in major cerebral arteries influence the risk of recurrence in acute ischemic stroke patients with atrial fibrillation? Hyung Seok Guk (Seoul National University Bundang Hospital, Korea)
PP128	The gate-keeper system in accessing health services: Can it prevent stroke patients from out of pocket? Lintong Hottua Simbolon (Universitas Of Lampung, Indonesia)
PP129	Intracranial vertebral artery dissection as the initial presentation of childhood takayasu arteritis: A case report Jao Jarro Garcia (College Of Medicine And Philippine General Hospital, Philippines)

Group G

PP130	Association between diastolic blood viscosity and small vessel burden in patients with acute ischemic stroke. Yerim Kim (Kangdong Sacred Heart Hospital, Korea)
PP131	Assessing new ischemic lesions on diffusion-weighted imaging following carotid interventions: A comparative analysis of CAS and CEA Jun Lee (Yeungnam University Medical Center, Korea)

PP132	The effect of folic acid supplementation on stroke incidence in hyperhomocysteinemia patients with a background of coronary heart disease Andi Nursanti (Andi Ureng University Of Wallacea, Indonesia)
PP133	Risk factors of stroke in young adults in Indonesia Andi Tenrilia (Alami Group West Sulawesi Foundation, Indonesia)
PP135	The clinical significance of peripheral blood cell ratios for delayed ischemic stroke in patients with intracranial aneurysm Hyun Kyung Kim (Cha Bundang Medical Center, Korea)
PP136	Non-traditional lipid profiles and 1-year vascular outcomes in ischemic stroke patients with prior statin therapy and LDL-C <100 mg/dL Hyunsoo Kim (Chonnam National University Hospital, Korea)
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Group H

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PP143	Effect of prestroke antiplatelet use on stroke outcomes in acute lacunar infarction with moderate to severe white matter burden Minwoo Lee (Hallym University Sacred Heart Hospital, Korea)
PP144	Real-world data of low-density lipoprotein cholesterol (LDL-C) target achievement in patients with ischemic stroke compared with recent guidelines Heejung Mo (Hallym University Dongtan Sacred Heart Hospital, Korea)
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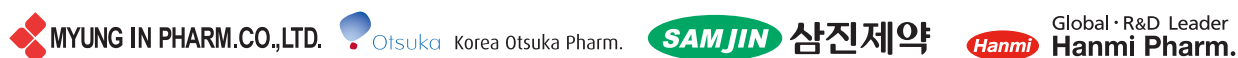
DIAMOND



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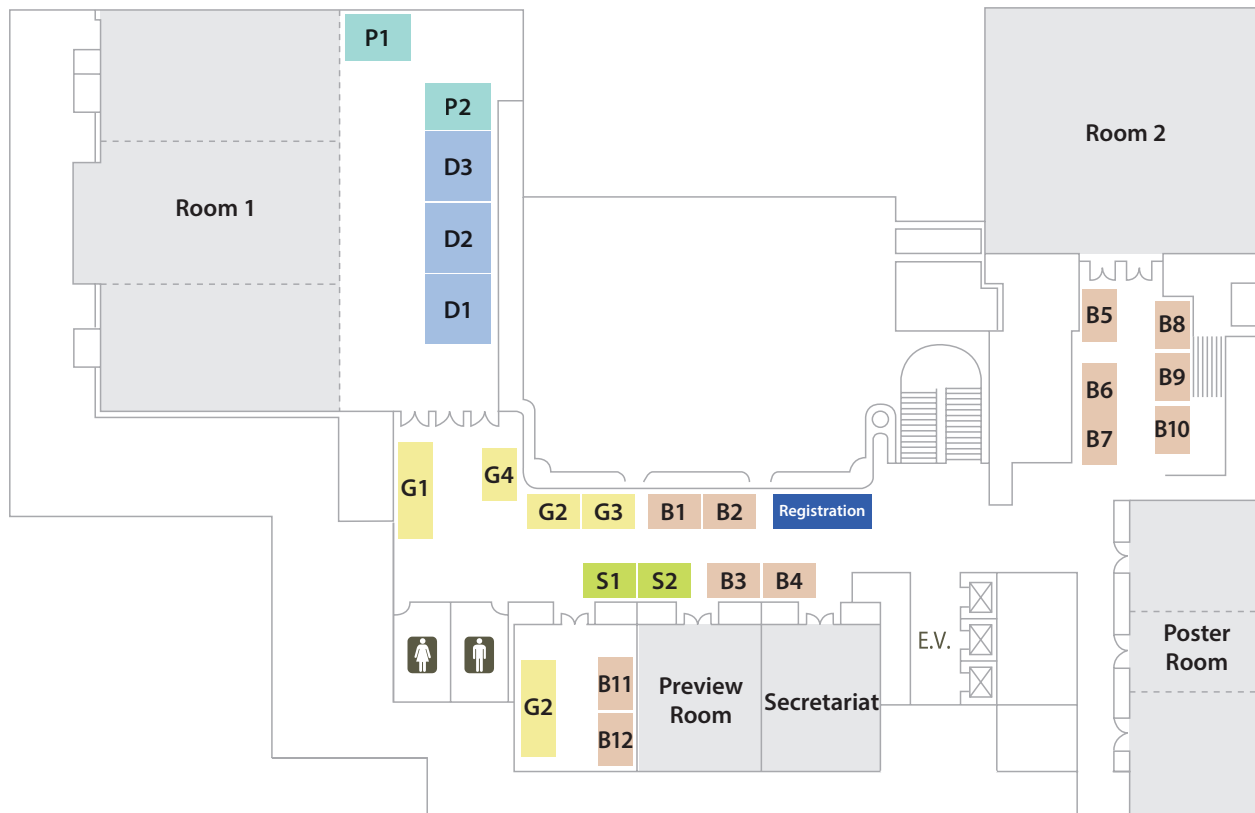
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