

ASVS 2020

Virtual Congress

Stay Apart, Stay Connected

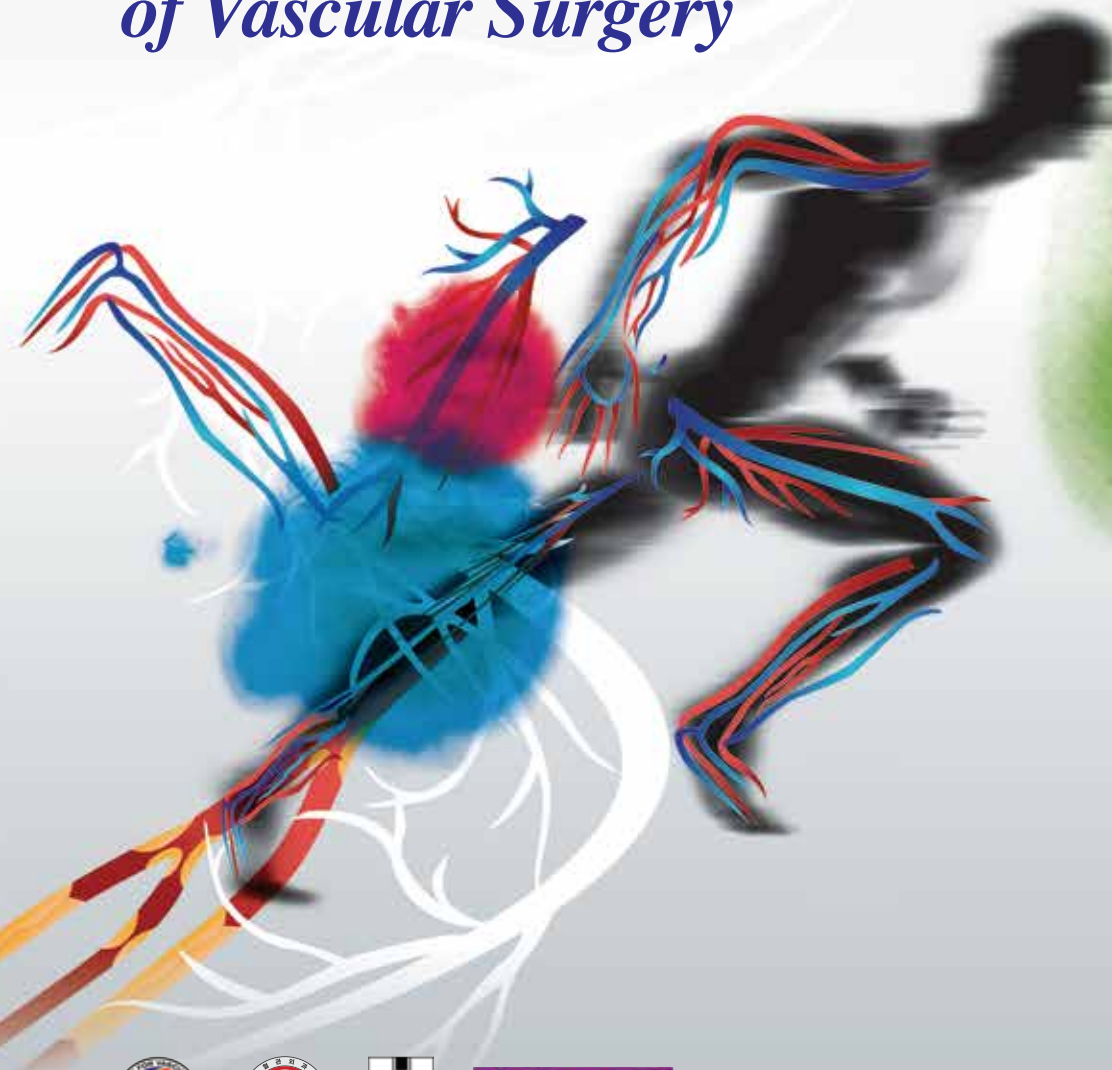
The 21st Congress of the Asian Society for Vascular Surgery

in conjunction with

The 15th AVF & APVAS & KSVS Endo Conference

October 22(Thu)-24(Sat) | Seoul, Korea

Roadmapping the Future of Vascular Surgery



www.asvs2020.org

PROGRAM & ABSTRACT BOOK

The Stent You Need For the Iliofemoral Veins

- **Proven Results** in PTS & NIVL¹
- **Broadest Size Range**²
- **Optimal Stent Placement**¹

Venovo[®]
Venous Stent System

Stay Connected
@BDandCo



Designed for **veins**[™]

¹ PTS= Post-Thrombotic Syndrome. NIVL= Non-Thrombotic Iliofemoral Venous Lesions. The Venovo[®] Venous Stent System was studied in the global VERVACULAR clinical trial, which was a prospective, multi-center, non-randomized, single-arm study of 170 patients. The primary effectiveness endpoint of the study was primary patency (PP) at 12 months post-index procedure. Patients who received a Venovo[®] Venous Stent had a weighted PP rate of 88.3%, demonstrating a statistically significant difference from a literature-derived performance goal (PG) of 74%, with an 81.3% PP rate for subjects with post-thrombotic syndrome and 96.9% PP rate for subjects with non-thrombotic iliac vein lesions. The primary safety endpoint was freedom from major adverse events (MAE) through 30 days post-index procedure. Freedom from MAE was 93.5%, demonstrating a statistically significant difference from a literature-derived PG of 89%. A secondary endpoint included acute technical success. Results demonstrated 100% acute technical success, defined as successful deployment of stent(s) to intended target with adequate lesion coverage as assessed by the Investigator at the time of the index procedure. VERVACULAR Clinical Study. Data on File. Bard Peripheral Vascular, Inc., Tempe, AZ.
² Stents indicated for iliofemoral venous obstruction in the U.S. as of September 2019.

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The 21st Congress of the
Asian Society for Vascular Surgery

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Welcome Message

From the Secretary General of ASVS

On behalf of the council of the Asian Society of Vascular Surgery, I would like to welcome you all to join us virtually, in the 21st congress of the ASVS. This meeting is organized in conjunction with the Asian Venous Forum, the Asian Pacific Vascular Access Society, and the KSVS Endo Conference.

The ASVS is stepping into its 28th year in 2020. Two of its founding members has close ties from Korea, the late Professor John B. Chang, and Professor Yong Kak Lee, together with Dr. Wang and Mishima, too the firsts steps and founded the predecessor of ASVS, the Asian vascular society, in 1992. Since then we have expanded to 15 countries as far east from Japan and Indonesia to the west in Turkey.

This year will be the third time that the meeting is held in Korea. The first meeting in Seoul in 1996 chaired by Professor Yong-bok Koh and the second meeting in 2009 was in the city of Busan, with Professor Young-wook Kim as president. We witnessed the growth of ASVS into the premier vascular surgery meeting in Asia, a truly international event, spanning three whole days with hundreds of faculty from all over the world.

11 years later the ASVS returns to the capital city of Seoul. I would like to extend my sincere gratitude to Professor In Sung Moon, president of the organizing committee, and Professor Taeseung Lee, chair of the organizing committee and president of the ASVS, who overcame tremendous challenges from COVID-19 to put together this rich scientific program online.

We and all the participants would like to congratulate Dr. Moon and Dr. Lee and thank the local organizing committee, and wish the congress a major success, as we stay apart, and stay connected.



Stephen Cheng
Secretary General of ASVS

Welcome Message

From the President and Congress Chairman of ASVS 2020

Dear Colleagues and Friends,

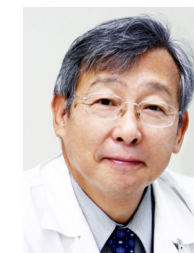
On behalf of the Organizing Committee, it is our great pleasure to welcome you to ASVS 2020 held as an online congress from October 22 to 24, 2020 in conjunction with the 15th AVF & APVAS & KSVS Endo Conference.

As we all know, the world has faced grave challenges this year due to COVID-19. The global epidemic and community infections have not yet come to an end. As a result, we have been led to make the difficult decision of moving the congress from offline to online. This is a big challenge for us, but it will provide an exceptional opportunity to develop novel and innovative ways to continue to exchange the most up-to-date science and clinical practices.

For passionate vascular surgeons, the congress theme of "Roadmapping the Future of Vascular Surgery" will provide a great opportunity to meet on an influential vascular surgery platform and share knowledge and the advances in our field. A wide-ranging scientific program will be proposed consisting of plenary lectures, symposiums, debates, basic research, joint symposiums with the AVF, APVAS, and KSVS, and scientific presentations including oral and poster presentations and e-poster exhibitions on the most critical issues challenging our field.

We would like to take this opportunity to express our sincere appreciation for our Industry Partners and Supporters for their continued support of the ASVS and their contribution to ensure the success of ASVS 2020.

We look forward to bringing together our community in this new digital format to learn, connect, and interact!



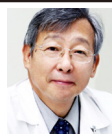







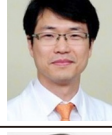

In Sung Moon, M.D. Ph.D. FACS.
President
Organizing Committee of the ASVS 2020








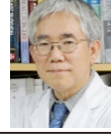





Taeseung Lee, M.D., Ph.D.
Chair
Organizing Committee of the ASVS 2020

Organizing Committee

Local Organizing Committee of ASVS 2020

President		In Sung Moon	The Catholic University of Korea, College of Medicine
Vice President		Ku Yong Chung	Ewha Woman's University Mokdong Hospital
Chair		Taeseung Lee	Seoul National University Bundang Hospital
Secretary General		Jin Mo Kang	Gachon University Gil Medical Center
		Jeongkye Hwang	The Catholic Univ. of Korea Eunpyeong St. Mary's Hospital
Vice Secretary General		Hyung Sub Park	Seoul National University Bundang Hospital
Auditors		Jin Hyun Joh	Kyung Hee University Hospital at Gangdong
		Seung Jae Byun	Wonkwang University Hospital
Planning Committee		Yang Jin Park	Samsung Medical Center
Scientific Committee		Sang Su Lee	Pusan National University Yangsan Hospital

Promotion Committee		Sun Cheol Park	The Catholic Univ. of Korea Seoul St. Mary's Hospital
Finance Committee		Seung Huh	Kyungpook National University Hospital
Publication Committee		Seung-Kee Min	Seoul National University Hospital
International Casting Committee		Ki-Hyuk Park	Daegu Catholic University Hospital
Membership Committee		Yong-Pil Cho	Asan Medical Center
Social Program Committee		Soo Jin Na Choi	Chonnam National University Hospital
Advisory		Young-wook Kim	Kangbuk Samsung Hospital
		Byung Jun So	Wonkwang University Hospital
		Oh Jung Kwon	Hanyang University Hospital
		Tae-Won Kwon	Asan Medical Center
		Dong-ik Kim	Samsung Medical Center

Councilors

Council Members of Asian Society for Vascular Surgery

President	Taeseung Lee
Secretary-General	Stephen Cheng
Treasurer	Yeong Pun Leong

Councilors:	
Bangladesh	Niaz Ahmed Choudhury
China	Zhong Chen
Hong Kong	Stephen Cheng
India	Tarun Grover
Indonesia	Dedy Pratama
Japan	Kimihiko Komori
Korea	Ki-Hyuk Park
Nepal	Sandeep Raj Pandey
Malaysia	Ngoh Chin Liew
Philippines	Josefino I Sanchez
Saudi Arabia	Mussaad Al-Salman
Singapore	Steven Kum
Taiwan	Chun-Che Shih
Thailand	Pramook Mutirangura
Turkey	Ahmet Kursat Bozkurt

Founder:	
United States	John B. Chang
Korea	Yong Kak Lee
Japan	Yoshio Mishima
China	Zhong Gao Wang

Past Presidents

Japan	Yoshio Mishima (1994)
Korea	Yong Kak Lee (1996)
China	Zhong Gao Wang (1998)
Philippines	Avenilo P. Aventura (2000)
Singapore	Ming Keng Teoh (2002)
India	S. A. Hussain (2004)
Malaysia	Yew Pung Leong (2006)
China	Yu-Qi Wang (2007)
Thailand	Sopon Jirasiritham (2008)
Korea	Young-Wook Kim (2009)
Japan	Hiroshi Shigematsu (2010)
Taiwan	Shoei-Shen Wang (2011)
Japan	Hiroshi Shigematsu (2012)
Turkey	A. Kursat Bozkurt (2013)
Hong Kong	Stephen WK.Cheng (2014)
Thailand	Pramook Mutirangura (2015)
Singapore	Peter Robless (2016)
Malaysia	Ngoh Chin Liew (2017)
China	Shenming Wang (2018)
Indonesia	Patrianef Darwis (2019)

Council Member of Asian Venous Forum

President	Shenming Wang
Vice President	Tomohiro Ogawa
Past President	Yew Pung Leong
General Secretary	Sriram Narayanan

National Delegates

Bangladesh	Niaz Ahmed Choudhury
China	Shen Ming Wang
China	Fu Xian Zhang
Hong Kong	Yiu Che Chan
India	Shoaib Padaria
India	Ravul Jindal
Indonesia	Dedy Pratama
Indonesia	Teguh Marfen Djajakusumah
Japan	Tomohiro Ogawa
Japan	Takehisa Iwai
Korea	Dong-ik Kim
Nepal	Sandeep Rajpandey
Malaysia	Ngoh Chin Liew
Malaysia	Yew Pung Leong
Saudi Arabia	Mussaad Al-salman
Singapore	Sriram Narayanan
Taiwan	Chun-Che Shih
Taiwan	Chung Dann Kan
Thailand	Pramook Mutirangura
Turkey	Ahmet Kursat Bozkurt

List of Invited Faculty

*In alphabetical order by last name

Hyung Joon Ahn, <i>Korea</i>	Younghoon Jeong, <i>Korea</i>	Kevin Moissinac, <i>Malaysia</i>
Mussaad Al-Salman, <i>Saudi Arabia</i>	Jin Hyun Joh, <i>Korea</i>	Frans Moll, <i>Netherlands</i>
Tankut Akay, <i>Turkey</i>	Andrew Jones, <i>United States</i>	In Sung Moon, <i>Korea</i>
Nobuyoshi Azuma, <i>Japan</i>	In Mok Jung, <i>Korea</i>	Noriyasu Morikage, <i>Japan</i>
Seung Jae Byun, <i>Korea</i>	Ji Jung Jung, <i>Korea</i>	Pramook Mutirangura, <i>Thailand</i>
Nabil Chakfe, <i>France</i>	Jin Mo Kang, <i>Korea</i>	Yukio Obitsu, <i>Japan</i>
Jer-Shen Chen, <i>Taiwan</i>	Sung Gwon Kang, <i>Korea</i>	Tomohiro Ogawa, <i>Japan</i>
Stephen Cheng, <i>Hong Kong</i>	Dong-ik Kim, <i>Korea</i>	Haeng Jin Ohe, <i>Korea</i>
Khamin Chinsakchai, <i>Thailand</i>	Hyang Kyung Kim, <i>Korea</i>	Shoaib Padaria, <i>India</i>
Jae Cho, <i>United States</i>	Hyung Il Kim, <i>Korea</i>	Sandeep Raj Pandey, <i>Nepal</i>
Kyung Cho, <i>United States</i>	Hyung Kee Kim, <i>Korea</i>	Hyung Sub Park, <i>Korea</i>
Tae Cho, <i>Australia</i>	Hyoung Tae Kim, <i>Korea</i>	Insoo Park, <i>Korea</i>
Yong-Pil Cho, <i>Korea</i>	Jang Yong Kim, <i>Korea</i>	Jang Sang Park, <i>Korea</i>
Edward Choke, <i>Singapore</i>	Kwang Joon Kim, <i>Korea</i>	Jong Kwon Park, <i>Korea</i>
Tze Tec Chong, <i>Singapore</i>	Mi Jin Kim, <i>Korea</i>	Keunmyoung Park, <i>Korea</i>
Jayer Chung, <i>United States</i>	Nam Kug Kim, <i>Korea</i>	Sun Cheol Park, <i>Korea</i>
Ku Yong Chung, <i>Korea</i>	Sang Wook Kim, <i>Korea</i>	Yang Jin Park, <i>Korea</i>
Ronald Dalman, <i>United States</i>	Suh Min Kim, <i>Korea</i>	Janet Powell, <i>United Kingdom</i>
Thomas Daly, <i>Australia</i>	Young-wook Kim, <i>Korea</i>	Dedy Pratama, <i>Indonesia</i>
Patrianef Darwis, <i>Indonesia</i>	Kritaya Kritayakirana, <i>Thailand</i>	Venkatesh Ramaiah, <i>United States</i>
Ingemar Davidson, <i>United States</i>	Steven Kum, <i>Singapore</i>	Georgios Sfyroeras, <i>Greece</i>
Nuno Dias, <i>Sweden</i>	Joon-myoungh Kwon, <i>Korea</i>	Chun-Che Shih, <i>Taiwan</i>
Steven Dubenec, <i>Australia</i>	Oh Jung Kwon, <i>Korea</i>	Hideyuki Shimizu, <i>Japan</i>
Tarun Grover, <i>India</i>	Tae-Won Kwon, <i>Korea</i>	Jeffrey Siracuse, <i>United States</i>
Prem Chand Gupta, <i>India</i>	Kamphol Laohapensang, <i>Thailand</i>	Byung Jun So, <i>Korea</i>
Daniel Han, <i>United States</i>	Cheong Jun Lee, <i>United States</i>	Suk-won Song, <i>Korea</i>
Sukgu Han, <i>United States</i>	Sang Su Lee, <i>Korea</i>	Tjun Yip Tang, <i>Singapore</i>
Seon-Hee Heo, <i>Korea</i>	Taeseung Lee, <i>Korea</i>	Chad C.W. Tse, <i>Hong Kong</i>
Jackie Ho, <i>Singapore</i>	Benjamin Leong, <i>Malaysia</i>	Hendrik von Tengg-Kobligk, <i>Switzerland</i>
Ki-pyo Hong, <i>Korea</i>	Yew Pung Leong, <i>Malaysia</i>	Jinsong Wang, <i>China</i>
Seung Huh, <i>Korea</i>	Ngoh Chin Liew, <i>Malaysia</i>	Shenming Wang, <i>China</i>
Dae Hyeon Hwang, <i>Korea</i>	Armando Lobato, <i>Brazil</i>	Sugeun Yang, <i>Korea</i>
Hee Hwang, <i>Korea</i>	Ian Loftus, <i>United Kingdom</i>	Chang Hwan Yoon, <i>Korea</i>
Hong Pil Hwang, <i>Korea</i>	Sang-il Min, <i>Korea</i>	William Yoon, <i>United States</i>
Jeongkye Hwang, <i>Korea</i>	Seung-Kee Min, <i>Korea</i>	Sang Chul Yun, <i>Korea</i>
Jae Han Jang, <i>Korea</i>	Tetsuro Miyata, <i>Japan</i>	Sang-seob Yun, <i>Korea</i>
Yong Sun Jeon, <i>Korea</i>	Bijan Modarai, <i>United Kingdom</i>	Woo Sung Yun, <i>Korea</i>




Program at a Glance

DAY 1 Oct 22 (Thu)			DAY 2 Oct 23 (Fri)			DAY 3 Oct 24 (Sat)		
Time	Session A (Room 205)	Session B (Room 209)	Time	Session A (Room 205)	Session B (Room 209)	Time	Session A (Room 205)	Session B (Room 209)
9:00	Symposium 1 (Aorta 1)	Oral Presentation 1	9:00	Symposium 5 (AI/Deep Learning)	Oral Presentation 2	9:00	Asian-Pacific Vascular Access Society	KSVS Symposium 1
	What is the optimal treatment of abdominal aortic aneurysms	Aorta / Aortoiliac / PAD		What young vascular surgeons should know about AI ?	Vein / Vascular Access			1st Round
10:30	Break		10:00	Symposium 6 (PAD)	Oral Presentation 3	10:30	Break	
11:00	Opening Ceremony		11:00	Break		11:00	Asian Venous Forum 1	KSVS Symposium 2
11:30	Plenary Lecture 1	Symposium 2 (Visceral)	11:30	Symposium 7 (Stent Technology)	Plenary Lecture 3		New tips from the Asian Venous Forum	2nd Round
	Futuristic training and research	Visceral vascular disease		Present & future status of stent technology	Complex aortic disease II	12:30	Sponsored Symposium 5	Sponsored Symposium 6
13:00	Sponsored Symposium 1	Sponsored Symposium 2	13:00	Sponsored Symposium 3	Sponsored Symposium 4		Medtronic	BMS & Pfizer
	Bard	Cook		Bayer	Medtronic	13:30	Asian Venous Forum 2	KSVS Symposium 3
14:00	Plenary Lecture 2	Journal	14:00	Symposium 8 (Carotid)	Plenary Lecture 4		Plenary Lecture	Final Round
	Complex aortic disease I	Journal publication tips and ethics for vascular surgeons		Asymptomatic carotid stenosis	Peripheral vessels	14:30		Break
15:30	Break		15:30	Break				KSVS President Special Lecture
16:00	Women's Session	Symposium 3 (Aorta 2)	16:00	Expert's Opinion	Symposium 9 (Aorta 3)			KSVS General Meeting
	Women's role in Asian vascular society	Updated concepts and techniques in EVAR			Aortic dissection and TAAA	16:00		
17:00	Basic Research	Symposium 4 (Aortoiliac & Non ASO)	17:00		Symposium 10 (Aorta 4)			
	Basic & clinical research for VS	Managing the aortoiliac occlusive disease			Evolution and challenges			
18:00			18:00	Closing & Award Ceremony				

Daily Scientific Program (October 22, Thu / DAY 1)

Session A			Session B		
09:00 10:30	Symposium 1 (Aorta 1): What is the optimal treatment of abdominal aortic aneurysms		Oral Presentation 1: Aorta / Aortoiliac / PAD		09:00 10:30
	Moderator: Jang Yong Kim, Korea		Moderator: Ku Yong Chung, Korea		
	09:00	Options in management of bilateral internal iliac aneurysms in EVAR	09:00	Ultrasound screening of abdominal aortic aneurysm by junior medical officers in Australian rural hospital setting: A pilot study	
		Yew Pung Leong, Malaysia		Melody Koo, Australia	
	09:15	Comparative outcomes of EVAR with open enterorrhaphy and traditional surgery in the management of aortoenteric fistula	09:10	Comparison of cost effectiveness of endovascular versus open surgical repair for abdominal aortic aneurysm in young patients	
		Khamin Chinsakchai, Thailand		Eunae Byun, Korea	
	09:30	Explantation of aortic endografts, tips and tricks	09:20	Gender and aneurysm size are independently associated with the suitability for EVAR in abdominal aortic aneurysm	
	Cheong Jun Lee, United States	09:30	Preliminary outcomes of the lifestream balloon-expandable covered stent in Zenith iliac branch device to preserve pelvic circulation: A Korean multicenter study	Shin-Seok Yang, Korea	
09:45	Long-term complications of fenestrated and branched endografting for complex aortic aneurysm	09:40	Endovascular treatment versus open surgical repair for isolated iliac artery aneurysms	Eol Choi, Korea	
	Stephen Cheng, Hong Kong	09:50	Prospective, multicenter study for the rotational atherectomy with anti-restenotic therapy of the infrainguinal arterial disease	Jin Hyun Joh, Korea	
10:00	Long-term outcomes of RCTs (OVER, EVAR I,II and DREAM): What can we learn?	10:00	The para or infra malleolar bypass using 2.5 millimeters diameter vein grafts to chronic limb-threatening ischemia patients is acceptable in Japanese population	Taku Kokubo, Japan	
	William Yoon, United States	10:10	Characteristics of femoropopliteal intervention in Korea from a recent randomized controlled trial enrollment data	Hyunmin Ko, Korea	
		10:20	Multidisciplinary approach (Holistic Care in Peripheral Arterial; HOPE) for peripheral arterial disease: Analyses of clinical outcome	Jasmine Chang, Singapore	
10:30-11:00	Break				10:30-11:00
11:00-11:30	Opening Ceremony				
11:30 13:00	Plenary Lecture 1: Futuristic training and research		Symposium 2 (Visceral): Visceral vascular disease		11:30 13:00
	Moderator: Hyoung Tae Kim, Korea		Moderator: Jin Mo Kang, Korea		
	11:30	How the Society for Vascular Surgery promotes vascular health and innovation	11:30	Management of acute mesenteric ischemia: Role of surgery and endovascular therapy	
		Ronald Dalman, United States		Sandeep Raj Pandey, Nepal	
	11:45	The future in open surgery and endovascular simulation	11:45	Management of chronic mesenteric ischemia: Role of surgery and endovascular therapy	
		Nabil Chakfe, France		Georgios Sfyroeras, Greece	
	12:00	Woman vascular surgeon's career development	12:00	Multimodal imaging strategies for pediatric renovascular hypertension: Is endovascular treatment effective?	
	Jackie Ho, Singapore		Kyung Cho, United States		
12:15	Surgical training program for PAD in Japan	12:15	Treatment strategy for superior mesenteric artery dissection	Woo Sung Yun, Korea	
	Nobuyoshi Azuma, Japan	12:30	Treatment threshold for splanchnic aneurysm	Jin Mo Kang, Korea	
12:30	Training of vascular surgeons in Europe				
	Frans Moll, Netherlands				

Daily Scientific Program (October 22, Thu / DAY 1)

13:00-14:00	Sponsored Symposium 1  			Sponsored Symposium 2 			13:00-14:00
14:00 15:30	Plenary Lecture 2: Complex aortic disease I <i>Abstract Page 61-70</i>			Journal: Journal publication tips and ethics for vascular surgeons <i>Abstract Page 71-78</i>			14:00 15:30
	Moderator: Young-wook Kim, <i>Korea</i> Panels: Jang Yong Kim, <i>Korea</i> / Jin Mo Kang, <i>Korea</i>			Moderator: Seung-Kee Min, <i>Korea</i>			
	14:00	Contemporary treatment strategies for juxtarenal aortic occlusions	Young-wook Kim, <i>Korea</i>	14:00	Publish or perish! The most undervalued vascular surgeon in the history	Seung-Kee Min, <i>Korea</i>	
	14:15	The infected aortic stent graft	Kamphol Laohapensang, <i>Thailand</i>	14:15	EJVES rejection rates and causes	Nabil Chakfe, <i>France</i>	
	14:30	How can image analysis using artificial intelligence enhance the diagnosis and treatment of aortic disease: Case planning, intra-operative guidance	Bijan Modarai, <i>United Kingdom</i>	14:30	How to prepare good manuscripts for JVS	Daniel Han, <i>United States</i>	
	14:45	How should we treat ruptured AAA?	Janet Powell, <i>United Kingdom</i>	14:45	Contribution of ASVS to international journals for vascular surgeons	Tetsuro Miyata, <i>Japan</i>	
	15:00	Current treatment of AAA with future perspective in Korea	Sang Su Lee, <i>Korea</i>	15:00	Ethics of peer reviewer: Do not blame, but criticize and upgrade	Nobuyoshi Azuma, <i>Japan</i>	
	15:15	Embolization of the inferior mesenteric artery to prevent type II endoleak	Noriyasu Morikage, <i>Japan</i>				
15:30-16:00	Break					15:30-16:00	
16:00 17:00	Women's Session: Women's role in Asian Vascular Society <i>Abstract Page 79-88</i>			Symposium 3 (Aorta 2): Updated concepts and techniques in EVAR <i>Abstract Page 89-98</i>			16:00 17:00
	Moderator: Hyang Kyung Kim, <i>Korea</i>			Moderator: In Sung Moon, <i>Korea</i>			
	16:00	The current status and future perspectives: East Asia	Jinsong Wang, <i>China</i>	16:00	Is the NICE guideline nice to AAA patients?	Ian Loftus, <i>United Kingdom</i>	
	16:10	The current status and future perspectives: Southeast Asia	Jackie Ho, <i>Singapore</i>	16:10	What is different and better about the new 2019 ESVS guidelines?	Frans Moll, <i>Netherlands</i>	
	16:20	Breaking barriers: An overview of diversity in vascular surgery	Seon-Hee Heo, <i>Korea</i>	16:20	Updates on techniques to deal with challenging proximal neck anatomy	Tae Cho, <i>Australia</i>	
	16:30	Gender disparities in the Korean vascular intervention community (vascular surgery/intervention radiology/cardiology): Brief analysis of profile and function	Mi Jin Kim, <i>Korea</i>	16:30	Clinical practice guidelines for complex (juxta, para, suprarenal) AAA	Benjamin Leong, <i>Malaysia</i>	
	16:40	Perceptions of female residents and their influence on career choice	Ji Jung Jung, <i>Korea</i>	16:40	Best medical option for AAA	Jin Mo Kang, <i>Korea</i>	
	16:50	Radiation safety consideration in female vascular surgeons	Suh Min Kim, <i>Korea</i>	16:50	Fenestrated and branched stent grafts for dissecting abdominal aortic aneurysms	Jer-Shen Chen, <i>Taiwan</i>	



Daily Scientific Program (October 22, Thu / DAY 1)

17:00 18:00	Basic Research: Basic & clinical research for VS			Symposium 4 (Aortoiliac & Non ASO): Managing the aortoiliac occlusive disease		
	Abstract Page 99-108			Abstract Page 109-118		
	Moderators: Dong-ik Kim, <i>Korea</i> / Seung-Kee Min, <i>Korea</i>			Moderator: Byung Jun So, <i>Korea</i>		
	17:00	How to design a clinical trial, funding and recruiting	Frans Moll, <i>Netherlands</i>	17:00	CERAB for aortoiliac disease	Tze Tec Chong, <i>Singapore</i>
	17:10	Critical analysis of a famous RCT: Strength and flaws	Ian Loftus, <i>United Kingdom</i>	17:10	Stent vs stent-graft placement for aortoiliac arteries	Thomas Daly, <i>Australia</i>
	17:20	When is a systemic review useful? And how?	Janet Powell, <i>United Kingdom</i>	17:20	Current management of thromboangiitis obliterans in the endovascular era	Kamphol Laohapensang, <i>Thailand</i>
	17:30	Clinical application of stem cell therapy for vasculopathy and wound healing	Dong-ik Kim, <i>Korea</i>	17:30	Combined endovascular and open surgical treatment for Takayasu's arteritis	Patrianef Darwis, <i>Indonesia</i>
	17:40	Vascular biology for VS: What's new	Ronald Dalman, <i>United States</i>	17:40	Overview of popliteal entrapment syndrome and arterial pathology related to repetitive trauma	Jayer Chung, <i>United States</i>
	17:50	Regeneration of vascularized organs	Sang-il Min, <i>Korea</i>	17:50	Vascular reconstruction during pancreaticoduodenectomy	Cheong Jun Lee, <i>United States</i>

Daily Scientific Program (October 23, Fri / DAY 2)

Session A		Session B	
09:00 10:00	<p>Symposium 5 (AI/Deep Learning): What young vascular surgeons should know about AI?</p> <p><i>Abstract Page 121-128</i></p> <p>Moderator: Hee Hwang, Korea</p> <p>09:00 Deep-learning-based risk stratification for mortality of patients with acute myocardial infarction Joon-myung Kwon, Korea</p> <p>09:10 Python and Jupiter notebook communicating with computers Sang Wook Kim, Korea</p> <p>09:20 What clinicians should know about artificial intelligence Kwang Joon Kim, Korea</p> <p>09:30 Big data & artificial intelligence for non-imaging data: Importance of clinical data Hee Hwang, Korea</p> <p>09:40 Machine learning in clinical decision-making for abdominal aortic aneurysms Hendrick von Tengg-Kobligk, Switzerland</p> <p>09:50 Discussion</p>	09:00 10:00	<p>Oral Presentation 2: Vein / Vascular Access</p> <p><i>Abstract Page 250-255</i></p> <p>Moderator: In Mok Jung, Korea</p> <p>09:00 Different outcomes of balloon-assisted maturation for radial-cephalic and brachial-cephalic arteriovenous fistula for hemodialysis Hyo Kee Kim, Korea</p> <p>09:10 Distal radial artery access for dialysis access endovascular treatment is a safe and feasible technique Daehwan Kim, Korea</p> <p>09:20 Optimal position of the catheter according to the venous diameter during cyanoacrylate closure for incompetent saphenous vein Jin Hyun Joh, Korea</p> <p>09:30 Mid-term outcomes of acute iliofemoral venous thrombosis after successful thrombolysis: 2-year follow-up analysis of the prais trial Chris Tae Young Chung, Korea</p> <p>09:40 Multimorbidity in patients with chronic venous disease Viswanath Atreyapurapu, India</p> <p>09:50 Laser Assisted Sclerotherapy (LAST) - New method of MOCA for varicose vein Yong Beom Bak, Korea</p>
	<p>Symposium 6 (PAD): Best management of PAD patients</p> <p><i>Abstract Page 129-138</i></p> <p>Moderator: Jin Hyun Joh, Korea</p> <p>10:00 Algorithm for open and endovascular treatment of lower extremity arterial disease and CLTI Hyung Kee Kim, Korea</p> <p>10:10 Optimization of vessel preparation during PAD intervention Jeffrey Siracuse, United States</p> <p>10:20 When and how to use percutaneous atherectomy plus DCB? Tae Cho, Australia</p> <p>10:30 Radial access for peripheral vascular interventions Cheong Jun Lee, United States</p> <p>10:40 Contemporary treatment of younger patients with intermittent claudication Jeffrey Siracuse, United States</p> <p>10:50 Guideline-based role of surgery in PAD: Will the BASIL-2 and BEST-CLI trials be a game changer? Jayer Chung, United States</p>		<p>Oral Presentation 3: Carotid / DM Foot / Rare Vascular Disease / Vascular Research, Training & Education / Vascular Trauma / Visceral</p> <p><i>Abstract Page 256-262</i></p> <p>Moderator: Jeongkye Hwang, Korea</p> <p>10:00 Predictive factors of delayed wound healing and amputation after successful below-the-knee endovascular intervention in patients with ischemic foot ulcer Changsik Shin, Korea</p> <p>10:10 Distal Splenorenal Shunt (DSRS) in children with extrahepatic portal hypertension Zia Rehman, Pakistan</p> <p>10:20 Does taking oral anticoagulants result in worsening outcome in non-traumatic intracranial haemorrhage in Asians? Yee Han Shum, Hong Kong</p> <p>10:30 Automated histological segmentation on micro-computed tomography images of atherosclerotic arteries Salome Kuntz, France</p> <p>10:40 High limb salvage rate in popliteal artery injury with prolonged ischemic time Kolanya Tangwiwat, Thailand</p> <p>10:50 Renal artery aneurysms have a benign natural history and this results would support the revised recommendation of asymptomatic renal artery aneurysm Seon-Hee Heo, Korea</p>
11:00-11:30		11:00-11:30	
Break			

Daily Scientific Program (October 23, Fri / DAY 2)

11:30 13:00	Symposium 7 (Stent Technology): Present & future status of stent technology			Plenary Lecture 3: Complex aortic disease II		
	Abstract Page 139-146			Abstract Page 147-154		
	Moderators: Sung Gwon Kang, Korea / Hyung Sub Park, Korea			Moderator: Seung Huh, Korea Panels: Jin Hyun Joh, Korea / Seung Jae Byun, Korea		
	11:30	Present & future of stent technology	Sugeun Yang, Korea	11:30	Surgical treatment for TAAA	Jae Cho, United States
	11:45	Re-endothelialization of the stented artery	Chang Hwan Yoon, Korea	11:45	Evolution and application of parallel grafts	Armando Lobato, Brazil
	12:00	Biodegradablestent: Current status & future technology	Hyung Il Kim, Korea	12:00	What is the optimal treatment indication of AAA? Considerations regarding size, age and anatomical suitability	Jang Yong Kim, Korea
13:00-14:00	12:15	InVivo 4D flow dynamic: How stent works for hemodynamic	Nam Kug Kim, Korea	12:15	Role of physician-modified endografting in countries with limited device access	Sukgu Han, United States
	12:30	What's new in stent-graft?	Sung Gwon Kang, Korea	12:30	TEVAR for chronic aortic dissections: Long-term outcomes	Stephen Cheng, Hong Kong
				12:45	Surgical treatment of pararenal aortic aneurysms	Seung Huh, Korea
	Sponsored Symposium 3			Sponsored Symposium 4		
	 Bayer			 Medtronic Further, Together		
14:00 15:30	Symposium 8 (Carotid): Asymptomatic carotid stenosis			Plenary Lecture 4: Peripheral vessels		
	Abstract Page 155-166			Abstract Page 167-174		
	Moderator: Yong-Pil Cho, Korea			Moderator: Seung Jae Byun, Korea Panels: Sun Cheol Park, Korea / Hyung Sub Park, Korea		
	14:00	Current best medical treatment for ACAS?	Yong-Pil Cho, Korea	14:00	Sirolimus-coated balloon for PAD: Overcoming safety issues	Edward Choke, Singapore
	14:10	Current trend of revascularization for ACAS: CEA, CAS and TCAR	Mussaad Al-Salman, Saudi Arabia	14:15	Pedal bypass with deep venous arterialization for chronic limb threatened ischemia and non-reconstructable distal artery	Pramook Mutirangura, Thailand
	14:20	Update of the CREST-2 trial: Will it be the final answer?	Georgios Sfyroeras, Greece	14:30	Mid-term results of the ROAST trial	Jin Hyun Joh, Korea
	14:30	Optimal timing of revascularization in symptomatic carotid artery stenosis	Prem Chand Gupta, India	14:45	Current management for vascular disease in diabetic foot	Taeseung Lee, Korea
	14:40	When should we revascularize in symptomatic carotid artery stenosis, and how?	Tankut Akay, Turkey	15:00	Deep venous stenting for CVI: Where are we and how can we improve outcomes?	Tarun Grover, India
	14:50	Hyperperfusion syndrome: Risk and prevention	Young-wook Kim, Korea			
	15:10	Technical considerations for surgical treatment of carotid body tumors	Yana Jin Park, Korea			


Daily Scientific Program (October 23, Fri / DAY 2)

15:30-16:00	Break				15:30-16:00
16:00 17:00	Expert's OpinionAbstract Page 175-180		Symposium 9 (Aorta 3): Aortic dissection and TAAAAbstract Page 181-190		16:00 17:00
	Moderator: Taeseung Lee, Korea		Moderator: Sun Cheol Park, Korea		
	16:00	Controversies of the NICE guideline in the endovascular era for AAA treatment Janet Powell, United Kingdom	16:00	Acute aortic dissection: Which patient should be treated by TEVAR and how to achieve best outcomes Bijan Modarai, United Kingdom	
	16:15	Asymptomatic carotid stenosis: BMT alone is not enough Jae Cho, United States	16:10	The impact of distal stent graft-induced new entry on aortic remodeling in chronic type B dissection Chun-Che Shih, Taiwan	
	16:30	Tibial vessel revascularization strategies in CLI patients with no pedal run-off vessels1 Thomas Daly, Australia	16:20	New developments in the prevention and treatment of spinal cord ischemia in TEVAR and open repair of TAAA Jinsong Wang, China	
17:00 18:00	16:45	Tibial vessel revascularization strategies in CLI patients with no pedal run-off vessels2 Steven Kum, Singapore	16:30	What to do with mycotic thoracoabdominal aortic pathologies? Kritaya Kritayakirana, Thailand	17:00 18:00
			16:40	Treatment of dissecting TAAA Sukgu Han, United States	
	Symposium 10 (Aorta 4): Evolution and challengesAbstract Page 191-200				
	Moderator: Hyung Joon Ahn, Korea				
	17:00	Antegrade approach of endoanchors for highly angulated aortic neck in EVAR Chad C.W. Tse, Hong Kong	17:10	Total arch replacement with antegrade TEVAR versus frozen elephant trunk in extensive aortic pathology Suk-won Song, Korea	
18:00-18:30			17:20	Use of steerable sheath for branched aortic devices: A complete femoral approach solution Benjamin Leong, Malaysia	
			17:30	Optimal role of endovascular treatment for complicated vascular connective tissue disorders William Yoon, United States	
			17:40	Hand-made fenestrated stent-grafts for the aortic arch Jer-Shen Chen, Taiwan	
			17:50	Optimal device selection in challenging neck anatomy: Current vs new challenging devices Edward Choke, Singapore	
	Closing & Award Ceremony				

Daily Scientific Program (October 24, Sat / DAY 3)

	Session A			Session B				
09:00 10:30	Asian-Pacific Vascular Access Society			KSVS Symposium Competition 1				
	Moderator: Jang Sang Park, <i>Korea</i> Panels: Kevin Moissinac, <i>Malaysia</i> / Dae Hyun Hwang, <i>Korea</i>			Moderators: Oh Jung Kwon, <i>Korea</i> / Ku Yong Chung, <i>Korea</i>				
	09:00	Necessity of routine pre- & post-operative vascular ultrasound mapping for vascular access		KSVS Symposium Competition is held in the form of presentations with the aim to improve the international competitiveness of young vascular surgeons in Korea. It consists of a total of three rounds, with the prize amount accumulating with every round.				
		Sun Cheol Park, <i>Korea</i>						
	09:10	Intraoperative venous drainage of ischemic limb through hemodialysis for treatment of reperfusion injury in severely acute ischemia of lower extremities						
		Pramook Mutirangura, <i>Thailand</i>						
	09:20	Relook at juxta-anastomotic stenosis		1	Young Sun Yoo	11	Byeoung-Hoon Chung	09:00 10:30
		Ngoh Chin Liew, <i>Malaysia</i>		2	Young-Nam Roh	12	Daehwan Kim	
	09:30	Bottonhole vs rope-ladder cannulation of AVF?		3	Chanjoong Choi	13	Insoo Park	
	Jackie Ho, <i>Singapore</i>		4	Su-kyung Kwon	14	Mi Jin Kim		
09:40	Covered stent placement in the proximal veins		5	Mihyeong Kim	15	Sungsin Cho		
	Sang Su Lee, <i>Korea</i>		6	Junseong Kwon	16	Dong Hyun Kim		
09:50	Surgical treatment vs PTA for juxta-anastomosis stenosis of AVF		7	Hyang Kyung Kim	17	Changsik Shin		
	Ingemar Davidson, <i>United States</i>		8	Haeng Jin Ohe	18	Yujin Kwon		
10:00	When and how do you manage the aneurysm of AVF and AVG		9	Hyuk Jae Jung	19	Wongong Chu		
	Dedy Pratama, <i>Indonesia</i>		10	Song-Yi Kim				
10:10	Q & A		See Page 31					
10:30-11:00	Break						10:30-11:00	
11:00 12:30	Asian Venous Forum 1: New tips from the Asian Venous Forum			KSVS Symposium Competition 2				
	Moderators: Jae Han Jang, <i>Korea</i> / Sang-seob Yun, <i>Korea</i>			Moderators: Seung Huh, <i>Korea</i> / Seung Jae Byun, <i>Korea</i>				
	11:00	Image modality of pelvic congestion syndrome		2nd Round				
		Hyang Kyung Kim, <i>Korea</i>						
	11:10	Establishment of VTE prevention and control system in Chinese hospitals						
	Shenming Wang, <i>China</i>							
11:20	What is the optimal treatment strategies for cancer-related deep vein thrombosis?					11:00 12:30		
	Hong Pil Hwang, <i>Korea</i>							
11:30	PLAR (phlebitis like allergic reaction) after cyanoacrylate closure, VenaSeal, for varicose veins							
	Insoo Park, <i>Korea</i>							

Daily Scientific Program (October 24, Sat / DAY 3)

	11:40	Guideline development for vein disease in Korea	Sang Chul Yun, <i>Korea</i>	
	11:50	Etiology and risk factors of primary varicose veins	Tomohiro Ogawa, <i>Japan</i>	
	12:00	IVC filter past, present, future	Haeng Jin Ohe, <i>Korea</i>	
	12:10	Complications of sclerotherapy	Sandeep Raj Pandey, <i>Nepal</i>	
	12:20	Recent updates of treatment for acute DVT	Jang Yong Kim, <i>Korea</i>	
12:30-13:30	Sponsored Symposium 5  Further, Together			12:30-13:30
	Asian Venous Forum 2: Plenary Lecture <i>Abstract Page 229-236</i>			
	Moderators: Dong-ik Kim, <i>Korea</i> / Jong Kwon Park, <i>Korea</i>			
13:30 14:30	13:30	Duplex ultrasound investigation of the lower extremity chronic venous disease with clinical correlation	Ki-pyo Hong, <i>Korea</i>	13:30 14:30
	13:45	Managing thrombotic and bleeding risk of covid-19 patients	Ngoh Chin Liew, <i>Malaysia</i>	
	14:00	25-year experience of vascular malformations	Dong-ik Kim, <i>Korea</i>	
	14:15	Recombinant human epidermal growth factor in treatment of venous ulcers: 1-year experience	Shoaib Padaria, <i>India</i>	
14:30-15:00	Break			14:30-15:00
15:00 15:15	KSVS President Special Lecture (Korean)			15:00 15:15
	Moderator: Tae-Won Kwon, <i>Korea</i>			
	15:00	대한혈관외과학회의 미래	Ku Yong Chung, <i>Korea</i>	
15:15-16:00	KSVS General Meeting			15:15-16:00

Daily Scientific Program

Sponsored Symposium

Day 1 (October 22, Thu)

13:00-14:00

Sponsored Symposium 1

Optimize venous stenting outcomes



Session A

Moderator: Taeseung Lee, *Korea*
Panel: Keunmyoung Park, *Korea*

13:00-13:15	Current status for venous disease and future expectations after venovo™ launch	Hyung Sub Park, <i>Korea</i>
13:15-13:30	Introduction to Venovo™ venous stent system and VERNACULAR 24-months clinical results	Steven Dubenec, <i>Australia</i>
13:30-13:45	Tips and tricks of venous stenting case-based learning	Tjun Yip Tang, <i>Singapore</i>
13:45-14:00	Q&A	

13:00-14:00

Sponsored Symposium 2

Long-term outcomes after EVAR : What have we learned?



Session B

Moderator: Seung Huh, *Korea*

13:00-13:20	Long-term results of endovascular repair using zenith stent graft	Nuno Dias, <i>Sweden</i>
13:20-13:35	Embolization for type I and type II endoleaks	Yong Sun Jeon, <i>Korea</i>
13:35-13:50	Long-term results of iliac aneurysm repair with iliac branched endograft	Jin Mo Kang, <i>Korea</i>

Day 2 (October 23, Fri)

13:00-14:00

Sponsored Symposium 3

Protect your cardio-vascular patients with Xarelto



Session A

Moderator: Taeseung Lee, *Korea*

13:00-13:15	Recent advances in anti-thrombotic treatment in cardio-vascular disease	Younghoon Jeong, <i>Korea</i>
13:15-13:30	Emerging role of Xarelto in treatment of PAD patients	Jang Yong Kim, <i>Korea</i>
13:30-13:45	Extended protection with Xarelto against recurrent VTE	Jeongkye Hwang, <i>Korea</i>

13:00-14:00

Sponsored Symposium 4

Extend patient treatment option



Session B

Moderators: Young-wook Kim, *Korea* / Sang Su Lee, *Korea*

13:00-13:25	New device in TEVAR - The valiant navion™	Hideyuki Shimizu, <i>Japan</i>
13:25-13:40	Heli-FX™ - endoanchor™ system	Venkatesh Ramaiah, <i>United States</i>
13:40-13:55	IN.PACT™ AV Drug-coated balloon	Hyung Sub Park, <i>Korea</i>

Day 3 (October 24, Sat)

12:30-13:30

Sponsored Symposium 5

VenaSeal, evolving with you



Session A

Moderators: In Mok Jung, *Korea* / Seung-Kee Min, *Korea*

12:30-12:50	Cass trial: Strpping vs Venaseal™ closure system	Jin Hyun Joh, <i>Korea</i>
12:50-13:10	The advantage of VenaSeal™ procedure in real practice	Tze Tec Chong, <i>Singapore</i>
13:10-13:30	Building unparalleled evidence - VeClose 5-year extension study	Andrew Jones, <i>United States</i>

12:30-13:30

Sponsored Symposium 6

Evolving anticoagulation management in venous thromboembolism



Session B

Moderator: Seung-Kee Min, *Korea*

12:30-12:50	Current perspective on NOAC trials in managing VTE patients	Hyung Joon Ahn, <i>Korea</i>
12:50-13:10	NOAC treatment in unprovoked VTE patient	Jin Mo Kang, <i>Korea</i>
13:10-13:30	Discussion	

List of Scientific Presentation

Oral Presentation

Oral Presentation 1

Day 1 (Oct 22, Thu)

09:00-10:30

See Page 241-249

Oral Presentation 1 (Aorta / Aortoiliac / PAD)

Session B

Moderator: Ku Yong Chung, Korea

09:00-09:10	Ultrasound screening of abdominal aortic aneurysm by junior medical officers in Australian rural hospital setting: A pilot study	Melody Koo, <i>Australia</i>
09:10-09:20	Comparison of cost effectiveness of endovascular versus open surgical repair for abdominal aortic aneurysm in young patients	Eunae Byun, <i>Korea</i>
09:20-09:30	Gender and aneurysm size are independently associated with the suitability for EVAR in abdominal aortic aneurysm	Deokbi Hwang, <i>Korea</i>
09:30-09:40	Preliminary outcomes of the lifestream balloon-expandable covered stent in Zenith iliac branch device to preserve pelvic circulation: A Korean multicenter study	Shin-Seok Yang, <i>Korea</i>
09:40-09:50	Endovascular treatment versus open surgical repair for isolated iliac artery aneurysms	Eol Choi, <i>Korea</i>
09:50-10:00	Prospective, multicenter study for the rotational atherectomy with anti-restenotic therapy of the infrainguinal arterial disease	Jin Hyun Joh, <i>Korea</i>
10:00-10:10	The para or infra malleolar bypass using 2.5 millimeters diameter vein grafts to chronic limb-threatening ischemia patients is acceptable in Japanese population.	Taku Kokubo, <i>Japan</i>
10:10-10:20	Characteristics of femoropopliteal intervention in Korea from a recent randomized controlled trial enrollment data	Hyunmin Ko, <i>Korea</i>
10:20-10:30	Multidisciplinary approach (Holistic Care in Peripheral Arterial; HOPE) for peripheral arterial disease: Analyses of clinical outcome	Jasmine Chang, <i>Singapore</i>

Oral Presentation 2

Day 2 (Oct 23, Fri)

09:00-10:00

See Page 250-255

Oral Presentation 2 (Vein / Vascular Access)

Session B

Moderator: In Mok Jung, Korea

09:00-09:10	Different outcomes of balloon-assisted maturation for radial-cephalic and brachial-cephalic arteriovenous fistula for hemodialysis	Hyo Kee Kim, <i>Korea</i>
09:10-09:20	Distal radial artery access for dialysis access endovascular treatment is a safe and feasible technique	Daehwan Kim, <i>Korea</i>
09:20-09:30	Optimal position of the catheter according to the venous diameter during cyanoacrylate closure for incompetent saphenous vein	Jin Hyun Joh, <i>Korea</i>
09:30-09:40	Mid-term outcomes of acute iliofemoral venous thrombosis after successful thrombolysis: 2-year follow-up analysis of the prais trial	Chris Tae Young Chung, <i>Korea</i>
09:40-09:50	Multimorbidity in patients with chronic venous disease	Viswanath Atreyapurapu, <i>India</i>
09:50-10:00	Laser Assisted Sclerotherapy (LAST) - New method of MOCA for varicose vein	Yong Beom Bak, <i>Korea</i>

Oral Presentation 3

Day 2 (Oct 23, Fri)

10:00-11:00

See Page 256-262

Oral Presentation 3 (Carotid / DM Foot / Rare Vascular Disease / Vascular Research, Training & Education / Vascular Trauma / Visceral)

Session B

Moderator: Jeongkye Hwang, Korea



10:00-10:10	Predictive factors of delayed wound healing and amputation after successful below-the-knee endovascular intervention in patients with ischemic foot ulcer	Changsik Shin, <i>Korea</i>
10:10-10:20	Distal Splenohepatic Shunt (DSRS) in children with extrahepatic portal hypertension	Zia Rehman, <i>Pakistan</i>
10:20-10:30	Does taking oral anticoagulants result in worsening outcome in non-traumatic intracranial haemorrhage in Asians?	Yee Han Shum, <i>Hong Kong</i>
10:30-10:40	Automated histological segmentation on micro-computed tomography images of atherosclerotic arteries	Salome Kuntz, <i>France</i>
10:40-10:50	High limb salvage rate in popliteal artery injury with prolonged ischemic time	Kolanya Tangwivat, <i>Thailand</i>
10:50-11:00	Renal artery aneurysms have a benign natural history and this results would support the revised recommendation of asymptomatic renal artery aneurysm	Seon-Hee Heo, <i>Korea</i>

List of Scientific Presentation

Poster Presentation

See Page 267-274

Aorta

PP-1001	Real-time evaluation of blood flow patterns using AneurysmFlow for AAA rupture risk evaluation	Youngjun Park, <i>Korea</i>
PP-1002	Outcomes after open abdominal aortic aneurysm repair in octogenarians and predictors associated with mortality and morbidity	Joon-Kee Park, <i>Korea</i>
PP-1003	PETTICOAT-Kanjiki method for type-B aortic dissection	Hiroyuki Ishibashi, <i>Japan</i>
 PP-1004	Iliac anatomical suitability for EVAR is associated with in-hospital mortality after open repair for ruptured AAA	Deokbi Hwang, <i>Korea</i>
PP-1005	Early experience of Heli-FX EndoAnchor system(EndoAnchor) for durability after EVAR in single institution.	Youngjun Park, <i>Korea</i>
PP-1006	Outcomes of prophylactic endoanchor in aortic aneurysm with hostile landing zone	Ha Lee, <i>Korea</i>
PP-1007	Vascular closure device failure and complication during evar or tevar: Frequency and risk factors	Keunmyoung Park, <i>Korea</i>
 PP-1008	Influence of preoperative sarcopenia and nutritional status on mid-term and long-term mortality of AAA after endovascular aneurysm repair	Shuta Ikeda, <i>Japan</i>

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Aortoiliac

PP-1009	Efficacy and safety of brachial artery open access for iliac endovascular interventions	Seungjae Byun, <i>Korea</i>
PP-1011	EVAR with double iliac side branch device to preserve hypogastric artery and ectopic renal artery in aorto-iliac aneurysm - A case report	Rolf Dammrau, <i>Germany</i>
PP-1052	When we can use of iliac branch device for endovascular treatment?	Jinho Mun, <i>Korea</i>

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PAD

PP-1014	Outcomes of percutaneous rotational mechanical thrombectomy using Rotarex® catheter in acute and subacute limb ischemia, single-center experience	Watchara Aukkarachalanont, <i>Thailand</i>
PP-1015	Mortality is not associated with paclitaxel coated devices usage in peripheral arterial disease of lower extremities	Dai Sik Ko, <i>Korea</i>
PP-1016	Obturator bypass using a ringed polytetrafluoroethylene graft for inguinal graft infection	Joohyun Lee, <i>Korea</i>
PP-1017	Limb salvage vs. amputation: A prospective cohort review based on wif classification in a single academic medical centre	Thiru V Raau, <i>Malaysia</i>
PP-1018	Major adverse events and outcomes in delayed presentation of Acute Limb Ischemia	Srujan Babu Yarlagaadda, <i>India</i>
PP-1019	Association of serum lipoprotein (a) with limb severity in chronic limb-threatening ischemia	Yohei Ichikawa, <i>Japan</i>
PP-1020	Risk of peripheral arterial disease in patients with periodontitis: A nationwide, population-based, matched cohort study	Jun Gyo Gwon, <i>Korea</i>


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Rare Vascular Disease

PP-1022	A case and surgical report of Kasabach – Merritt syndrome at Fatmawati central general hospital	Kemal Fadhli Hadi, <i>Indonesia</i>
PP-1023	A case of 9-year-old girl with severe digital ischemia caused by Upper Extremity Fibromuscular Dysplasia (UEFMD)	Daiki Uchida, <i>Japan</i>
PP-1024	Effectiveness of surgical treatment with complete cyst excision for cystic adventitial disease of the popliteal artery	Seonjeong Jeong, <i>Korea</i>


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Vascular Access

PP-1025	Outcomes of incisional Negative Pressure Wound Therapy (iNPWT) following Brachio basilic Transposition Arteriovenous Fistula (BBT-AVF) creation: A propensity score matched study	Kai Siang Chan, <i>Singapore</i>
PP-1026	Hemodynamic effect of dual drainage veins in upper arm arteriovenous fistula for prevention of cephalic arch stenosis	Hong Pil Hwang, <i>Korea</i>
PP-1027	The role of additional Fogarty ballooning during the formation of radial-cephalic arteriovenous fistulae on reducing maturation failure	Hyo Kee Kim, <i>Korea</i>
 PP-1028	Fate of arteriovenous fistula with early thrombotic occlusion event	Hyejin Mo, <i>Korea</i>
PP-1029	Outcomes of catheter-directed thrombolysis for arteriovenous fistula thrombosis in Singapore: Is it still relevant today?	Clarice Yeo, <i>Singapore</i>
PP-1030	The Index determining tip location for peripheral inserted central catheterization based on Korean body	Chanjoong Choi, <i>Korea</i>
PP-1031	Subclavian artery stenosis causing vascular access related steal syndrome	Nurhamizah Binti Zulkifli, <i>Malaysia</i>

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Vascular Research, Training & Education

PP-1032	Crucial roles of vascular surgeons in oncovascular and nonvascular surgery	Hye Young Woo, <i>Korea</i>
PP-1033	Combined therapy with rapamycin and atorvastatin decreases atherosclerosis and improves lipid metabolism in apolipoprotein E-deficient mice with chronic kidney disease	Kwang Woo Choi, <i>Korea</i>
PP-1034	Effects of hypercholesterolemia for expansion of abdominal aortic aneurysm in rat model – early experience	Sang Dong Kim, <i>Korea</i>
PP-1035	New hemodynamic parameters show higher accuracy than standard (WSS, OSI, vorticity) for 4D-Flow MRI hemodynamic analysis	Don-Gwan An, <i>Korea</i>
PP-1036	3D convolutional neural networking and volumetric analysis of MRVenograms of patients with chronic venous insufficiency	Viswanath Atreyapurapu, <i>India</i>
 PP-1039	FRZB as a key molecule in abdominal aortic aneurysm progression affecting vascular integrity	Dai Sik Ko, <i>Korea</i>


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Vascular Trauma

PP-1041	Peripheral arterial injuries in children: An audit at a university hospital in developing country	Zia Rehman, <i>Pakistan</i>
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Vein

PP-1043	Safety and efficacy of aspiration thrombectomy after catheter-directed thrombolysis and pharmacomechanical thrombectomy after catheter-directed thrombolysis for the treatment of acute iliofemoral deep vein thrombosis	Seungjae Byun, <i>Korea</i>
PP-1044	The multidisciplinary management of the Klippel-Trenaunay Syndrome (KTS)	Changsik Shin, <i>Korea</i>
PP-1045	The functional efficacy of rheolytic thrombectomy in the treatment of deep venous thrombosis in lower limb	Myeong Su Kim, <i>Korea</i>
PP-1046	Anatomical patterns of the great saphenous vein in 5,358 Koreans	Insoo Park, <i>Korea</i>
PP-1047	Endovascular treatment case for complete SVC obstruction	Soon Cheon Lee, <i>Korea</i>
PP-1048	Inferior vena cava thrombosis cured by thrombectomy with a half-deployed stent	In Mok Jung, <i>Korea</i>
PP-1049	Reconstruction of inferior vena cava with cryopreserved iliac vein allograft after resection of leiomyosarcoma of IVC	Hyoung Tae Kim, <i>Korea</i>
PP-1050	Case report: Successful catheter-directed thrombolysis for saddle pulmonary embolism	Sharhanin Bahrudin, <i>Malaysia</i> 

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PP-1051	Endovascular diagnosis and treatment of early arterial insufficiency in renal transplant recipients: A single-center case series of 8 cases	Mira Yoo, <i>Korea</i>
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List of Scientific Presentation

E-Poster Exhibition

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Aorta

EP-2001	Laparoscopic bypass is good alternative treatment for juxtarenal aorta occlusion comparative with CERAB	Changsik Shin, <i>Korea</i>
EP-2003	Comparative surgical treatment outcomes of abdominal aortic aneurysm in Marfan syndrome patients and non-Marfan population: Propensity score matching analysis	Jihee Kang, <i>Korea</i>
EP-2004	Single center experience of ruptured AAA treatment: 9 years single center retrospective analysis	Sangkyun Mok, <i>Korea</i>
EP-2005	The outcome of AAA management in a newly-opened, small-volume hospital in Korea	Mihyeong Kim, <i>Korea</i>
EP-2006	Early experiences of endoanchor for abdominal aortic aneurysm with challenging neck anatomy	Dai Sik Ko, <i>Korea</i>
EP-2007	Zone 0 to 2 thoracic endovascular aortic repair: A Malaysian single-centre experience	Mem Tim Lee, <i>Malaysia</i>
EP-2008	Sac regression after endovascular relining of perigraft seroma after open repair of abdominal aortic aneurysm with PTFE graft: Report of a long-term follow-up case	Jiwon Seo, <i>Korea</i>
EP-2009	Vicious cycle of inflammatory abdominal aortic aneurysm	Byeounghoon Chung, <i>Korea</i>
 EP-2011	Clinical comparison between early and late spontaneous sac shrinkage after EVAR	Masayuki Sugimoto, <i>Japan</i>
EP-2012	Endovascular repair of abdominal aortic aneurysm with hostile proximal neck using endoanchor: Case report	Kang Woong Jun, <i>Korea</i>
EP-2014	Paraplegia after open repair of suprarenal abdominal aortic aneurysm	Hyo Jun Kim, <i>Korea</i>
EP-2015	Successful repair of aortoenteric fistula	Yujin Kwon, <i>Korea</i>
EP-2016	Saitama experience of aortoesophageal fistula	Takashi Hashimoto, <i>Japan</i>
EP-2017	Multifocal aortic steno-occlusion: What's the proper revascularization?	Deokbi Hwang, <i>Korea</i>

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Aortoiliac

EP-2018	A patient with peripheral arterial occlusion undergoing surgical abdominal aortic aneurysm repair: A case report	Wan Kee Kim, <i>Korea</i>
EP-2019	Open repair for failed EVAR with sac expansion even after endoanchor	Shin-Ho Hong, <i>Korea</i>
EP-2020	Treatment of type III endoleak after EVAR using Internal Branched Device	Yujin Kwon, <i>Korea</i>
EP-2021	Salvage of Iliac artery rupture during Endovascular Aortic Aneurysm Repair (EVAR) procedure: Case report	Dong Hyun Kim, <i>Korea</i>

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Carotid

EP-2023	Carotid artery stenosis revascularization: University of Malaya medical centre experience	Muhammad Syafiq Bin Idris, <i>Malaysia</i>
EP-2024	Delayed rupture of carotid artery following surgical drainage of deep neck infection	Deokbi Hwang, <i>Korea</i>


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 EP-2027	The results of hybrid surgery in arterial occlusion of aortoiliac lesion	Sangmin Gong, <i>Korea</i>
EP-2028	Single center experience on treatment of isolated Chronic Total Occlusion(CTO) of popliteal artery	Eunju Jang, <i>Korea</i>
EP-2029	Mortality after use of pacitaxel coated balloons in femoropopliteal occlusive disease	Seon-Hee Heo, <i>Korea</i>
EP-2030	Drug-coated balloon versus plain old balloon angioplasty in femoropopliteal disease: A single-center experience	Je Hyung Park, <i>Korea</i>
EP-2031	Results of common femoral artery endarterectomy with Inflow and outflow endovascular treatment	Su-Kyung Kwon, <i>Korea</i>
EP-2032	Lipid metabolism may not be associated with the progress of critical limb ischemia: The proliferation study; Multicenter cross-sectional study in Japanese PAD patients	Nobuko Yamamoto, <i>Japan</i>
EP-2033	Drug-coated balloon in combination with Nitinol stent for critical Limb threatening ischemia	Minsang Song, <i>Korea</i>
EP-2034	Peripheral artery bypass graft of hand or foot ischemic ulcer in connective tissue diseases: A treatment algorithm	Jong Ho Kim, <i>Korea</i>
EP-2036	Prognostic factors of amputation and effectiveness of revascularization in patients with diabetic foot ulcer under SVS-Wifl score classification system	Saritphat Orrapin, <i>Thailand</i>
EP-2037	Association between clinical outcomes after revascularization and foot wound area in patients with chronic limb-threatening ischemia	Shinsuke Kikuchi, <i>Japan</i>
EP-2038	Angioplasty balloon rupture during percutaneous transluminal angioplasty of severe calcified stenotic lesion of common iliac artery	Dae Jung Kim, <i>Korea</i>
EP-2039	Thromboembolic phenomenon to bilateral lower limbs is a catastrophic complication of Blood Culture-Negative Infective Endocarditis (BCNIE)	Rosnellfaizur Ramely, <i>Malaysia</i>
EP-2040	Delayed Percutaneous Transluminal Angioplasty (PTA) on the Below-The-Knee (BTK) artery access from In-situ bypass graft: A case report	Kang Woong Jun, <i>Korea</i>
EP-2041	Impact of patient risk and limb severity on preoperative great saphenous vein for distal bypass grafting in chronic limb-threatening ischemia	Yuri Yoshida, <i>Japan</i>


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Rare Vascular Disease

EP-2042	A rare case of acute bilateral iliofemoral deep vein thrombosis after heavy exertion	Paul Ghaly, <i>Australia</i>
EP-2043	Case report: Medusa's wrath; bleeding giant scalp arterio-venous malformation in an adult	Richard Briones, <i>Philippines</i> 
EP-2044	Anterior mediastinal mass: Large cell neuroendocrine tumour of the thymus	Rosnellfaizur Ramely, <i>Malaysia</i>
EP-2046	Intravascular papillary endothelial hyperplasia occurring in the foot: A case report and review of literature	Sangchul Yun, <i>Korea</i>
EP-2047	Spontaneous common iliac artery dissection and rupture in a young man: Report of a rare case	Young Sun Yoo, <i>Korea</i>
EP-2048	Ilio-femoral deep vein thrombosis secondary to May-Thurner syndrome with ipsilateral lower limb arterio-venous graft in-situ	Brjan Kaiji Betzler, <i>Singapore</i>

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Vascular Access

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EP-2050	Early experience of midline catheter device powerglide pro tm for patients with poor peripheral vascular access	Mi Jin Kim, <i>Korea</i>
EP-2051	Clinical outcomes of totally implantable venous access ports: Comparison between arm and chest port in cancer patients	Hong Pil Hwang, <i>Korea</i>
EP-2052	Immediate postoperative cannulation of transposed basilic vein for hemodialysis	Taegeun Rim, <i>Korea</i>
EP-2053	Transradial access for arteriovenous fistuloplasty in Singapore	Chee Wui Ong, <i>Singapore</i>
EP-2054	Optimal prediction of the central venous catheter insertion depth targeting the cavoatrial junction	Hyejin Mo, <i>Korea</i>
EP-2055	Novel use of surfer, an inside-out device, in tandem with HeRO graft for creation of vascular access: Case reports for 3 patients with 1 year follow up.	Qi Tian Teo, <i>Singapore</i> 
EP-2056	Inconsistent results of completion angiography after femoropopliteal angioplasty in comparison with follow-up duplex study	Kyunglim Koo, <i>Korea</i>
EP-2057	Clinical outcomes of percutaneous treatment strategy for cephalic arch stenosis in arteriovenous fistulas for hemodialysis	Sungsin Cho, <i>Korea</i>

EP-2058	Successful surgical bypass and remodeling of a giant venous aneurysm formed in an autogenous arteriovenous fistula	Rosnelifaizur Ramely, <i>Malaysia</i>
EP-2059	Central venous port implantation in double superior vena cava: A case report	Kyungjai Ko, <i>Korea</i>
EP-2060	Necessity of retrograde angioplasty for juxta-anastomosis area in brachiocephalic arteriovenous fistula	Sunghoon Yoon, <i>Korea</i>
EP-2061	Ligation and debridement: Review of managing infected pseudoaneurysm among intravenous drug abusers in a developing country	Ahmad Faidzal Othman, <i>Malaysia</i>
EP-2063	Traumatic ulnar artery thrombosis, treated with of arterial reconstruction using reverse interposition vein grafting	Rosnelifaizur Ramely, <i>Malaysia</i>
EP-2064	Open revascularization of renal artery injury with occlusion	Jayun Cho, <i>Korea</i>
EP-2065	Bifurcated axillary vein and brachial artery reconstruction using GSV spiral vein graft	Won Gong Chu, <i>Korea</i>
EP-2066	Pseudoaneurysm of popliteal artery as a delayed complication of JETSTREAM atherectomy	Je Hyung Park, <i>Korea</i>
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EP-2069	Case report: May thurner syndrome patients presenting with multisystemic - cardiovascular, genitourinary, gastrointestinal, and neurologic - symptoms	Kurtis Kim, <i>United States</i>
EP-2070	Initial outcomes of a new device, Impedance Controlled Radiofrequent Ablation (IC-RFA), for the treatment of the incompetent saphenous veins	Insoo Park, <i>Korea</i>
EP-2071	Prevalence of may-thurner variants in patients with symptomatic may-thurner syndrome	Keunmyoung Park, <i>Korea</i>
EP-2072	A prospective comparison of a cyanoacrylate glue and high ligation and stripping for the treatment of great saphenous vein insufficiency	Sungsin Cho, <i>Korea</i>
EP-2073	Clinical outcomes of venous thromboembolism	Kyung Bok Lee, <i>Korea</i>
EP-2074	Endovenous laser ablation with versus without concomitant phlebectomy for the treatment of varicose veins: A retrospective analysis of 954 limbs	Yohei Kawai, <i>Japan</i>

EP-2075	The point of postoperative nursing care of the difference between endovenous ablation and NTNT ablation for varicose veins	Marina Kurose, <i>Japan</i>
EP-2076	A rare encounter compartment syndrome after high saphenous vein ligation and multiple stab avulsion surgery	Rosnelifaizur Ramely, <i>Malaysia</i>
EP-2077	Endovenous laser ablation of Anterior accessory saphenous vein with the 1470-nm laser: A single center experience	Byungseo Choi, <i>Korea</i>
EP-2078	Comparison of 1940nm laser with radial fiber and venaseal™ (rendezvous method) in the treatment of incompetent great saphenous vein	Daejung Kim, <i>Korea</i>
EP-2079	Comparison between new using method for venaseal™ (rendezvous method) and VeClose trial	Daejung Kim, <i>Korea</i>
EP-2080	A popliteal vein aneurysm presenting after saphenous vein ablation	Suh Min Kim, <i>Korea</i>
EP-2081	Association between diameter of saphenous vein and venous reflux on Computed tomography venography in patients with varicose veins	Ji Yoon Choi, <i>Korea</i>

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EP-2083	No antithrombotic strategy may be beneficial for conservative treatment of spontaneous isolated Superior mesenteric artery dissection	Young Sup Yoo, <i>Korea</i>
EP-2084	Management of acute mesenteric ischemia with general peritonitis: An evidence-based case report	Akhmadu Muradi, <i>Indonesia</i>
EP-2085	Pancreaticoduodenal artery aneurysm associated with celiac axis compression and/ or dissection: Three ruptured cases	Byung Jun Jeon, <i>Korea</i>

KSVS Symposium Competition

KSVS Symposium Competition is held in the form of presentations with the aim to improve the international competitiveness of young vascular surgeons in Korea. It consists of a total of three rounds, with the prize amount accumulating with every round.

Presenter: KSVS Regular Members 45 years old and under who have completed their fellowships

Presentation Theme: Any topic (*Presenters are free to choose any topic as long as it does not overlap with their ASVS 2020 abstract theme)

Language: English

Date & Time: Oct 24, 2020 09:00~14:30

Total No. of Rounds: Three

Prize: Round 1 (KRW 300,000),
Round 2 (KRW 500,000),
Round 3 (1st Prize: KRW 1,000,000 / 2nd Prize: KRW 700,000 / 3rd Prize: KRW 500,000 /
4th Prize: KRW 400,000 / 5th Prize: KRW 300,000)

No.	Presentation Title	Presenter
1	The early experience of percutaneous EndoVascular Aneurysm Repair (pEVAR) for management of aortoiliac aneurysm	Young Sun Yoo, <i>Korea</i>
2	Effect of age and location on the maturation failure in autogenous vascular access for hemodialysis	Young-Nam Roh, <i>Korea</i>
3	Newbie of hybrid surgery with new setting	Chanjoong Choi, <i>Korea</i>
4	Consideration of vein access site in DVT interventions	Su-kyung Kwon, <i>Korea</i>
5	Modified risk assessment model for venous thromboembolism in the Korean population	Mihyeong Kim, <i>Korea</i>
6	COVID-19 with VTE	Junseong Kwon, <i>Korea</i>
7	Drug coated balloon PTA for arteriovenous access	Hyang Kyung Kim, <i>Korea</i>
8	My experience of persistent type II endoleak & its small treatment	Haeng Jin Ohe, <i>Korea</i>
9	EVAR complication control	Hyuk Jae Jung, <i>Korea</i>
10	The learning curve of the junior vascular surgeon	Song-Yi Kim, <i>Korea</i>
11	Radiation hazard	Byeoung-Hoon Chung, <i>Korea</i>
12	Faster, higher, stronger? What is the optimal balloon size, time, pressure for AVF intervention?	Daehwan Kim, <i>Korea</i>
13	Which of the five modalities would you select for the treatment of varicose vein?	Insoo Park, <i>Korea</i>
14	Hyperbaric oxygen treatment and critical limb ischemia	Mi Jin Kim, <i>Korea</i>
15	Clinical outcomes of percutaneous treatment strategy for below the knee arteries: Single center experience	Sungsin Cho, <i>Korea</i>
16	Financial freedom; How to be a rich surgeon	Dong Hyun Kim, <i>Korea</i>
17	How can vascular surgeon learn ultrasound in Korea	Changsik Shin, <i>Korea</i>
18	Vascular surgeon in public hospital	Yujin Kwon, <i>Korea</i>
19	Multiple drug-coated balloons can be used safely and effectively for peripheral arterial disease including long femoropopliteal lesions	Wongong Chu, <i>Korea</i>

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