

Day 1 (Nov. 20)

■ 08:30-10:00

Accessory Pathway

ROOM 1 | ENG

Chair: Eun-Jung Bae (Seoul National University College of Medicine, Republic of Korea)

Yong Seog Oh (College of Medicine, The Catholic University of Korea, Republic of Korea)

Speaker: Techniques for Recording and Validating Accessory Pathway Potentials Warren Jackman (OU Medical Center, United States)

Artificial Intelligence and Signal Data Analysis

ROOM 3 | ENG

Chair: June Soo Kim (School of Medicine, Sungkyunkwan University, Republic of Korea)

Speaker:	Basic Concept of Artificial Intelligence (AI)	Hyeonseung Im (Kangwon National University, Republic of Korea)
	Clinical Research in Medical Field	Junbeom Park (Ewha Womans University School of Medicine, Republic of Korea)
	Vital Sign Signal and AI	Segyeong Joo (University of Ulsan College of Medicine, Republic of Korea)
Corporate:	AliveCor Company Introduction	AliveCor
	AFib Specialized AI Algorithm on ECG Signal	ATsens Co., Ltd.
	Cardea SOLO™ Product Introduction- Revolutionary Wearable ECG Patch	DREAMTECH Co., Ltd.
	ECG Signal Multi-Classification Model Based on Deep Neural Network	Huinno Co., Ltd.
	HiCardi: Wearable Patch Device for Continuous ECG Monitoring and Analysis	MEZOO Co., Ltd
	Outpatient Data Platform Using Wearable Device: Sophisticatedly Designed Algorithm and Advanced Signal Quality Evaluation	Sky Labs
Panel:	<i>Discussion</i>	Dae Hyeok Kim (Inha University School of Medicine, Republic of Korea) Seung-Jung Park (School of Medicine, Sungkyunkwan University, Republic of Korea) Yong Soo Baek (Inha University School of Medicine, Republic of Korea) Namsik Yoon (Chonnam National University Medical School, Republic of Korea)

Ventricular Tachycardia 1

ROOM 4 | ENG

Chair: Dae-Woo Hyun (Andong Medical Group Hospital, Republic of Korea)

Hyung Wook Park (Chonnam National University Medical School, Republic of Korea)

Speaker:	VT Ablation in Epicardial VT (Tips & Trick)	Chin-Yu Lin (Taipei Veterans General Hospital, Taiwan)
	Fever and Brugada Syndrome	Dan Hu (Renmin Hospital of Wuhan University, China)
	Useful Tips for Successful Ablation of LVVT	Seung-Young Roh (Korea University College of Medicine, Republic of Korea)
	PVC-induced Cardiomyopathy	Kyoung-Min Park (School of Medicine, Sungkyunkwan University, Republic of Korea)
	Useful Tips for Successful Ablation of OTVT	Hyung Wook Park (Chonnam National University Medical School, Republic of Korea)
	<i>Discussion</i>	

SCD 1

ROOM 5 | ENG

Chair: Dong Jin Oh (College of Medicine, Hallym University, Republic of Korea)

Gi-Byoung Nam (University of Ulsan College of Medicine, Republic of Korea)

Speaker:	Epidemiology of Out of Hospital Arrest in Korea (The Struggle against SCD)	Dong Jin Oh (College of Medicine, Hallym University, Republic of Korea)
	Long QT Syndrome	Yongkeun Cho (Kyungpook National University School of Medicine, Republic of Korea)
	Sudden Cardiac Death in Hypertrophic Cardiomyopathy	Yae Min Park (Gachon University School of Medicine, Republic of Korea)
	Arrhythmias in Infiltrative Cardiomyopathy -Focusing on Cardiac Amyloidosis-	Jongmin Hwang (Keimyung University School of Medicine, Republic of Korea)
	An Update on the Diagnosis and Management of Catecholaminergic Polymorphic Ventricular Tachycardia	Seiko Ohno (National Cerebral and Cardiovascular Center, Japan)
	<i>Discussion</i>	

What's New About the Management of AF in 2020 ROOM 6 | ENG

Chair:	Choong Hwan Kwak (Gyeongsang National University College of Medicine, Republic of Korea) Nam Ho Kim (Wonkwang University School of Medicine, Republic of Korea)	
Speaker:	Structured Characterization of AF, and Optimal Anticoagulation Therapy	Jung Myung Lee (School of Medicine, Kyung Hee University, Republic of Korea)
	Updated Recommendation on AF Ablation in New Guideline	Jin-Kyu Park (Hanyang University College of Medicine, Republic of Korea)
	How to Manage Cardiovascular Risk Factors in AF	Pil-Sung Yang (CHA University, Republic of Korea)
	Paradigm Shift in Rhythm Control Therapy of AF	Jaemin Shim (Korea University College of Medicine, Republic of Korea)
	What Is the Optimal Management for Extremely Fragile Patients?	Tae-Hoon Kim (Yonsei University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

■ 10:15-11:45

CIED 1 ROOM 1 | ENG

Chair:	Myung-Yong Lee (Dankook University College of Medicine, Republic of Korea) Dae Kyeong Kim (Inje University College of Medicine, Republic of Korea)	
Speaker:	Leadless Pacemakers: A Contemporary Review	Joseph YS Chan (The Chinese University of Hong Kong, Hong Kong)
	Lead Extraction (Preparation, Laser Cases)	Sirin Apiyasawat (Ramathibodi Hospital, Thailand)
	Asian Experience on SICD	Hung-Fat Tse (The University of Hong Kong, Hong Kong)

Clinical Application of Wearable Devices ROOM 3 | ENG

Chair:	Dong-Gu Shin (Yeungnam University College of Medicine, Republic of Korea)	
Speaker:	Clinical Research of Wearable Device	Yoo Ri Kim (Dongguk University School of Medicine, Republic of Korea)
	It is Proper to Use Wearable Device in Real Practice - Pro	Dong-Hyeok Kim (Ewha Womans University School of Medicine, Republic of Korea)
	It is Proper to Use Wearable Device in Real Practice - Con	Seung-Young Roh (Korea University College of Medicine, Republic of Korea)
Panel:	<i>Discussion</i>	Young Soo Lee (Daegu Catholic University College of Medicine, Republic of Korea) Nam Ho Kim (Wonkwang University School of Medicine, Republic of Korea) June Namgung (Inje University College of Medicine, Republic of Korea) Gyo-Seung Hwang (Ajou University School of Medicine, Republic of Korea)

Smart Health Care & AI 1 ROOM 4 | ENG

Chair:	Choong Hwan Kwak (Gyeongsang National University College of Medicine, Republic of Korea) Joong Wha Chung (Chosun University College of Medicine, Republic of Korea)	
Speaker:	Novel Wearable Devices in Cardiovascular Fields for Monitoring Arrhythmia	Jumsuk Ko (Wonkwang University School of Medicine, Republic of Korea)
	Clinical Implication of Mobile Web Based/Wearable Cardiac Rhythm Monitoring	Jinhee Ahn (Pusan National University School of Medicine, Republic of Korea)
	The 4th Industrial Revolution and Future Medicine	Joong Wha Chung (Chosun University College of Medicine, Republic of Korea)
	Clinical Application of Artificial Intelligence in Arrhythmia	Yong Soo Baek (Inha University School of Medicine, Republic of Korea)
	Artificial Intelligence and Arrhythmia	Junbeom Park (Ewha Womans University School of Medicine, Republic of Korea)
	<i>Discussion</i>	

Pediatric & Congenital		ROOM 5 ENG
Chair:	Jaekon Ko (University of Ulsan College of Medicine, Republic of Korea) Myung Chul Hyun (Kyungpook National University School of Medicine, Republic of Korea)	
Speaker:	Risk Analysis of SCD in Pediatric HCMP	Mi Kyoung Song (Seoul National University College of Medicine, Republic of Korea)
	Noninvasive Radioablation for Ventricular Tachycardia in Children	Jae-Sun Uhm (Yonsei University College of Medicine, Republic of Korea)
	Role of RFCA for Prevention of Pediatric SCD	Naokata Sumitomo (Saitama Medical University International Medical Center, Japan)
	Technical Aspects of ICD in Congenital Heart Disease	June Huh (School of Medicine, Sungkyunkwan University, Republic of Korea)
	Device Therapy and Heart Failure in Congenital Heart Disease	Ji-Eun Ban (Ewha Womans University School of Medicine, Republic of Korea)
	<i>Discussion</i>	

Atrial Fibrillation 1		ROOM 6 ENG
Chair:	Kee-Joon Choi (University of Ulsan College of Medicine, Republic of Korea) Eun Sun Jin (School of Medicine, Kyung Hee University, Republic of Korea)	
Speaker:	Gap between RCT and Real World Data in AF Ablation	Boyoung Joung (Yonsei University College of Medicine, Republic of Korea)
	PV Isolation: Shorter Burning or Longer Freezing?	Hui-Nam Pak (Yonsei University College of Medicine, Republic of Korea)
	Substrate of AF: Insight into Catheter Ablation	Jong-Il Choi (Korea University College of Medicine, Republic of Korea)
	Neural Modulation for AF	Seil Oh (Seoul National University College of Medicine, Republic of Korea)
	Multielectrode/Omnipolar Mapping Technology to Address the Limitation of Traditional Bipolar Mapping	Li-Wei Lo (Taipei Veterans General Hospital, Taiwan)
	<i>Discussion</i>	

■ 12:00-13:00

Scientific Session (Pfizer Korea / BMS Korea)		ROOM 1 ENG
Chair:	Hui-Nam Pak (Yonsei University College of Medicine, Republic of Korea)	
Speaker:	Recent Update on Eliquis for NVAf Patients with Renal Impairment	Sean Pokorney (Duke University, United States)
	How to Manage Anticoagulation Therapy in Elderly NVAf Patients: Key Updates from Eliquis Data	Eue Keun Choi (Seoul National University College of Medicine, Republic of Korea)

Scientific Session (Bayer): Thanks to The Protection You Provide for Your Cardio Vascular Patients		ROOM 2 ENG
Chair:	Nam Ho Kim (Wonkwang University School of Medicine, Republic of Korea) Young Keun On (School of Medicine, Sungkyunkwan University, Republic of Korea)	
Speaker:	What Is the Optimal NOAC for Korean NVAf Patients with Specific Considerations?	Tae-Hoon Kim (Yonsei University College of Medicine, Republic of Korea)
	New Perspective in the Management of NVAf Patients with DM	Ki Hong Lee (Chonnam National University Medical School, Republic of Korea)

Scientific Session (ABBOTT): Arrhythmia Management Session : Breakthrough Technologies and Approaches		ROOM 3 ENG
Speaker:	Isochronal Late Activation Mapping in Atrial Fibrillation and Atypical Flutter Ablation	Christopher Woods (Sutter Health's Mills-Peninsula Medical Center, United States)
	Next Generation High Voltage with Bluetooth Remote Monitoring	Kartikeya Bhargava (Medanta Heart Institute, India)

■ 13:00-14:00

2020 개원의 및 전공의 NOAC 연수교육 1		KOR
Chair:	Byung-Chun Jung (Daegu Fatima Hospital, Republic of Korea) Dae Kyeong Kim (Inje University College of Medicine, Republic of Korea)	
Speaker:	심방세동 환자에서 뇌졸중 예방을 위한 항응고 치료	Namsik Yoon (Chonnam National University Medical School, Republic of Korea)
	일반적인 항응고제의 제형 및 특성	Dongmin Kim (Dankook University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

■ 13:15-14:45

SPAF		ROOM 1 ENG
Chair:	June Soo Kim (School of Medicine, Sungkyunkwan University, Republic of Korea) Yong Seog Oh (College of Medicine, The Catholic University of Korea, Republic of Korea)	
Speaker:	Obstructive Sleep Apnoea and Atrial Fibrillation: A Sleepy Issue?	Gregory Lip (University of Liverpool, United Kingdom)
	Update on Anticoagulation Therapy for Subclinical AF	Chi Keong Ching (National Heart Centre Singapore, Singapore)
	Integrated Care for Patients - From Trial to Clinical Practice	Boyoung Joung (Yonsei University College of Medicine, Republic of Korea)

Atrial Fibrillation 2		ROOM 3 ENG
Chair:	Man Young Lee (College of Medicine, The Catholic University of Korea, Republic of Korea) Dae Hyeok Kim (Inha University School of Medicine, Republic of Korea)	
Speaker:	Principles of Antiarrhythmic Drugs	Seil Oh (Seoul National University College of Medicine, Republic of Korea)
	Computational Modeling of AAD Responsiveness to AF	Hui-Nam Pak (Yonsei University College of Medicine, Republic of Korea)
	AF Ablation Using High-Density Mapping: Comparison of Different 3D Navigation System	Hyoung-Seob Park (Keimyung University School of Medicine, Republic of Korea)
	The Role of Epicardial Conduction in Persistent AF	Jin-Bae Kim (School of Medicine, Kyung Hee University, Republic of Korea)
	Efficacy and Safety of Current Cryoballoon Ablation for Atrial Fibrillation	Shinsuke Miyazaki (Fukui University, Japan)
	<i>Discussion</i>	

Policy & New Technology		ROOM 4 KOR
Chair:	Sang Weon Park (Sejong General Hospital, Republic of Korea) Dae-Woo Hyun (Andong Medical Group Hospital, Republic of Korea)	
Speaker:	New CIED Technologies Not Available in Korea	Jung Hoon Sung (CHA University, Republic of Korea)
	Ablation	Sung-Won Jang (College of Medicine, The Catholic University of Korea, Republic of Korea)
	Antiarrhythmic Medications	Chang Hee Kwon (Konkuk University Professional Graduate School of Medicine, Republic of Korea)
	Remote Monitoring of CIED in Korea	Sang Weon Park (Sejong General Hospital, Republic of Korea)
	<i>Discussion</i>	

Basic		ROOM 5 ENG
Chair:	June Namgung (Inje University College of Medicine, Republic of Korea)	
Speaker:	Arrhythmias Related to PM-2.5 Exposure	Li-Wei Lo (Taipei Veterans General Hospital, Taiwan)
	Gap Junction and Ventricular Arrhythmia during Therapeutic Hypothermia	Yu-Cheng Hsieh (Taichung Veterans General Hospital, Taiwan)
	Depolarization and Repolarization Abnormality of J Wave Syndrome	Namsik Yoon (Chonnam National University Medical School, Republic of Korea)
	Fibrosis as a Mechanism of Atrial Fibrillation	Jong-Il Choi (Korea University College of Medicine, Republic of Korea)
	COVID-19 and Cardiovascular Disease	Myung-Jin Cha (Seoul National University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

EGM Tracing 1		ROOM 6 ENG
Chair:	Seongwook Han (Keimyung University School of Medicine, Republic of Korea)	
Speaker:	Case 1-4	Chun Hwang (Revere Health, United States)
	Case 5	Yoo Ri Kim (Dongguk University School of Medicine, Republic of Korea)
	Case 6	Ji Hyun Lee (Seoul National University College of Medicine, Republic of Korea)
	Case 7	So-Ryoung Lee (Seoul National University College of Medicine, Republic of Korea)
	Case 8	Jae-Sun Uhm (Yonsei University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

■ 15:00-16:30

Atrial Fibrillation 3		ROOM 1 ENG
Chair:	June Soo Kim (School of Medicine, Sungkyunkwan University, Republic of Korea) Kee-Joon Choi (University of Ulsan College of Medicine, Republic of Korea)	
Speaker:	Can We Drop Aspirin Immediately after Hospital Discharge in Atrial Fibrillation Patients Undergoing PCI?	Gregory Lip (University of Liverpool, United Kingdom)
	Fluoroscopy Only Guided LAA Closure	Yoga Yuniadi (University of Indonesia, Indonesia)
	Real World Data of NOAC	Eue Keun Choi (Seoul National University College of Medicine, Republic of Korea)

Ventricular Tachycardia 2		ROOM 3 ENG
Chair:	Nam Ho Kim (Wonkwang University School of Medicine, Republic of Korea) Kyoung-Min Park (School of Medicine, Sungkyunkwan University, Republic of Korea)	
Speaker:	Neural Modulation in Patients with VT Refractory to RF Ablation	Ki-Woon Kang (Eulji University School of Medicine, Republic of Korea)
	The Feasibility of Magnetic Navigation System for VT Ablation	Yong Seog Oh (College of Medicine, The Catholic University of Korea, Republic of Korea)
	Wide QRS Tachycardia	Gi-Byoung Nam (University of Ulsan College of Medicine, Republic of Korea)
	Localization of VT	Seongwook Han (Keimyung University School of Medicine, Republic of Korea)
	VT Ablation in Hemodynamic Unstable Patients	Kwang-No Lee (Ajou University School of Medicine, Republic of Korea)
	<i>Discussion</i>	

MR Education		ROOM 4 KOR
Chair:	Byung-Chun Jung (Daegu Fatima Hospital, Republic of Korea)	
Speaker:	부정맥 치료 방법	Jun-Hyung Kim (Chungnam National University College of Medicine, Republic of Korea)
	심방세동이란 (원인, 치료)	Jin Bae Lee (Daegu Catholic University College of Medicine, Republic of Korea)
	부정맥 질환의 심각성	Hye Bin Gwag (School of Medicine, Sungkyunkwan University, Republic of Korea)
	심방세동 항응고요법	Young Ah Park (Inje University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

YIA Competition		ROOM 5 ENG
Chair:	Boyoung Joung (Yonsei University College of Medicine, Republic of Korea)	
Judge:	Jung Hoon Sung (CHA University, Republic of Korea) Eun Sun Jin (School of Medicine, Kyung Hee University, Republic of Korea) Hong Euy Lim (College of Medicine, Hallym University, Republic of Korea) Yae Min Park (Gachon University School of Medicine, Republic of Korea) Jaemin Shim (Korea University College of Medicine, Republic of Korea) Sung-Hwan Kim (College of Medicine, The Catholic University of Korea, Republic of Korea)	
Presenter:	New Algorithm for Accessory Pathway Localization Focused on Screening Septal Pathways in Pediatric Patients with Wolff-Parkinson-White Syndrome	Seung Min Baek (Seoul National University Children's Hospital, Republic of Korea)
	The Correlation between Left Atrial Appendage Adipose Tissue and Clinical Recurrence of Atrial Fibrillation after Modified Cox-Maze III Operation from Human Tissue Pathologic Analysis	Hyo-Hyun Kim (Severance Cardiovascular Hospital, Yonsei University College of Medicine, Republic of Korea)
	Blood Flow Volume of Left Atrial Appendage Measured by Magnetic Resonance Imaging is Improved after Radiofrequency Catheter Ablation of Atrial Fibrillation	Kyongjin Min (Korea University Anam Hospital, Republic of Korea)
	Co-Delivery of Curcumin and miR-144-3p by Heart-Targeted Extracellular Vesicles Facilitate Treatment of Arrhythmias after Myocardial Infarction in Mice	Ji-Young Kang (Yonsei University College of Medicine, Republic of Korea)
	Exercise Habits and the Risk of Stroke, Heart Failure, and Mortality in Patients with Incident Atrial Fibrillation: A Nationwide Population-Based Cohort Study	Hyo-Jeong Ahn (Seoul National University Hospital, Republic of Korea)
	Prognostic Significance of 24 Hours Ambulatory Blood Pressure Monitoring in Patients without Atrial Fibrillation	Sojeong Park (Ewha Womans University School of Medicine, Republic of Korea)
	<i>Discussion</i>	

EGM Tracing 2		ROOM 6 ENG
Chair:	Sung-Won Jang (College of Medicine, The Catholic University of Korea, Republic of Korea)	
Speaker:	Case 1-4	Akihiko Nogami (University of Tsukuba, Japan)
	<i>Discussion</i>	