

Day 1 (June, 04)

■ 08:30-10:00

Atrial Fibrillation 1: Non-Interventional Management of AF

ROOM 1 | 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:	Implication of Sleep Apnea in the Management of Atrial Fibrillation	Younghoon Kwon (University of Washington, United States)
	Role for Genetic Profiling in AF Screening and Predicting Outcomes	Jung Myung Lee (School of Medicine, Kyung Hee University, Republic of Korea)
	Lifestyle Modification in AF	Jin-Kyu Park (Hanyang University College of Medicine, Republic of Korea)
	Sex Differences in AF Outcomes: Ablation, Stroke, and Anticoagulation	Hye Young Lee (Inje University College of Medicine, Republic of Korea)
	Role of Artificial Intelligence in the Prediction and Management of AF	Kihong Lee (Chonnam National University Medical School, Republic of Korea)

Discussion

Basic 1: Translating Basic Research Discoveries into Clinical Practice

ROOM 2 | ENG

Chair: Jeong-Wook Seo (Incheon Sejong Hospital, Republic of Korea)
Dong-Gu Shin (Yeungnam University College of Medicine, Republic of Korea)

Speaker:	Calcium Sensitizer Levosimendan on VF Vulnerability during Therapeutic Hypothermia	Yu-Cheng Hsieh (Taichung Veterans General Hospital, Taiwan)
	Autonomic Modulation in Acute Myocardial Infarction	Wei-Chung Tsai (Kaohsiung Medical University, Taiwan)
	The Fluoroscopic Anatomy of Outflow Tract for OTVT Ablation	Ju Youn Kim (School of Medicine, Sungkyunkwan University, Republic of Korea)
	ICE for AF Ablation	Myung-Jin Cha (University of Ulsan College of Medicine, Republic of Korea)
	Anatomic Consideration of Atrium for Ablation of Persistent AF	Ligang Ding (Fuwai Hospital, China)

Discussion

Ventricular Tachycardia 1: VT in Structural Heart Disease

ROOM 3 | ENG

Chair: Daewoo Hyun (Andong Medical Group Hospital, Republic of Korea)
Chang Hee Kwon (Konkuk University Professional Graduate School of Medicine, Republic of Korea)

Speaker:	Multifaceted Management of VT in Cardiac Sarcoidosis	Konstantinos Siontis (Mayo Clinic, United States)
	Arrhythmogenic Substrates in ARVC	Fa-Po Chung (Taipei Veterans General Hospital, Taiwan)
	Application of Noninvasive Signal-Averaged Electrocardiogram Analysis in Predicting the Requirement of Epicardial Ablation in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy	Chin-Yu Lin (Taipei Veterans General Hospital, Taiwan)
	Alcohol Induced VT Ablation	Le Uyen Phuong Tran (Cho Ray Hospital, Vietnam)
	Scar-Related Ventricular Tachycardia in Postoperative Congenital Heart Disease	June Huh (School of Medicine, Sungkyunkwan University, Republic of Korea)

*Discussion*Noninvasive 1:
Clinical Implication of Wearable Device for the Management of Atrial Fibrillation

ROOM 4 | ENG

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

Speaker:	Improving Care for Patients with Atrial Fibrillation through Use of Personal Electrocardiogram	Teresa Praus (Southwest Medical, OptumCare Nevada, United States)
	The Use of AI for Atrial Fibrillation Detection	Yong-Soo Baek (Inha University School of Medicine, Republic of Korea)
	Clinical Update for AF Screening	Nam-Ho Kim (Wonkwang University School of Medicine, Republic of Korea)
	Advanced Deep Learning Algorithm for Acute Ischemic Stroke Classification Based on Brain MR	Dae-In Lee (Chungbuk National University College of Medicine, Republic of Korea)
	Clinical Implication of Wearable Devices for Cryptogenic Stroke Evaluation	Seung-Young Roh (Korea University College of Medicine, Republic of Korea)

Discussion

SCD 1: Challenging Decision in SCD Related to J Wave & Sports

ROOM 5 | ENG

Chair: Tae-Joon Cha (Kosin University College of Medicine, Republic of Korea)
Sung-Won Jang (College of Medicine, The Catholic University of Korea, Republic of Korea)

Speaker:	Do We Need to Treat Athletes with J Wave?	Namsik Yoon (Chonnam National University Medical School, Republic of Korea)
	Genetic Basis of J Wave Syndrome	Dan Hu (Renmin Hospital of Wuhan University, China)
	Should We Screen Athletes before Sports Participation?	Jin-Bae Kim (School of Medicine, Kyung Hee University, Republic of Korea)
	Iatrogenic & Preventable Cardiac Arrest in Hospitalized Patients	Jong Sung Park (Dong-A University College of Medicine, Republic of Korea)

Discussion

CIED 1: Monitoring of CIED Patients ROOM 6 | ENG

Chair:	Choong Hwan Kwak (Gyeongsang National University College of Medicine, Republic of Korea) Jung Hoon Sung (CHA University, Republic of Korea)	
Speaker:	Current Status of Remote Monitoring of Patients with CIEDs - Pacemakers to CRTDs	Niraj Varma (Cleveland Clinic, United States)
	Predictors for Pacing Induced Cardiomyopathy in Patients with Pacemaker	Ki-Woon Kang (Chung-Ang University College of Medicine, Republic of Korea)
	Remote Monitoring: Drive Efficiency to Manage CIED Patients - Special Role of Remote Monitoring in Device Advisories and Recalls	Jumsuk Ko (Wonkwang University School of Medicine, Republic of Korea)
	Sensing and Detection with Cardiac Implantable Electronic Devices - Stroke and AF: Diagnosis and Management	Dong-Hyeok Kim (Ewha Womans University School of Medicine, Republic of Korea)
	Insecurity by Obscurity: A Cybersecurity Risk Assessment of Cardiac Implantable Electronic Devices	Sang Weon Park (Bucheon Sejong Hospital, Republic of Korea)
	<i>Discussion</i>	

Oral 1 (AF) ROOM 7 | ENG

Chair:	Jae-Sun Uhm (Yonsei University College of Medicine, Republic of Korea)	
Presenter:	Totally Thoracoscopic Ablation in Patients with Atrial Fibrillation and Left Ventricular Dysfunction	Hye Ree Kim (Samsung Medical Center (Samsung Seoul Hospital), Republic of Korea)
	Risk Factors for Stiff Left Atrial Physiology after Catheter Ablation of Atrial Fibrillation	Jae-Hyuk Lee (Severance Hospital, Republic of Korea)
	Spatial Changes of Fibrillatory Wave-Dynamics after Using Antiarrhythmic Drugs in Atrial Fibrillation: A Computational Modeling Study	Inseok Hwang (Yonsei University Health System, Republic of Korea)
	Longitudinal Patterns in Antithrombotic Therapy in Patients with Atrial Fibrillation after Percutaneous Coronary Intervention in the Non-Vitamin K Oral Anticoagulant Era: A Nationwide Study	Jiesuck Park (Seoul National University Hospital, Republic of Korea)
	Mitral Isthmus Ablation with Moderate-Power (40 Watts) Radiofrequency Energy is Associated with High Success Rate of Bidirectional Conduction Block	Jun Kim (University of Ulsan College of Medicine, Republic of Korea)
	Impact of Cumulative Burden of Body Mass Index and Waist Circumference on Risk of Atrial Fibrillation: An Analysis of 3,700,000 Participants Who Underwent 4-Year Consecutive Annual Health Examination	Tae-Min Rhee (Seoul National University Hospital, Republic of Korea)
	Electrical Remodeling of Left Atrium Can Better Predict Recurrence after Radiofrequency Catheter Ablation of Atrial Fibrillation than Structural Remodeling	Yun Gi Kim (Korea University Anam Hospital, Republic of Korea)
	<i>Discussion</i>	

■ 08:30-09:30
Industry Session (SAMJIN PHARM.): Update on Diagnosis and Treatment of Atrial Fibrillation ROOM 8 | KOR

Chair:	Boyoung Joung (Yonsei University College of Medicine, Republic of Korea) Jong-Il Choi (Korea University College of Medicine, Republic of Korea)	
Speaker:	The Diagnosis of AF Using the Wearable ECG Monitoring Device: S-PATCH EX	Jumsuk Ko (Wonkwang University School of Medicine, Republic of Korea)
	The Review of Current Treatment Strategies in Patients with Atrial Fibrillation	So-Ryoung Lee (Seoul National University College of Medicine, Republic of Korea)

■ 09:30-10:00
Industry Session (Boston Scientific): Case Sharing - Ultra High Density Mapping ROOM 8 | KOR

Speaker:	Ultra High Density Mapping - [Case Sharing]	Jaemin Shim (Korea University College of Medicine, Republic of Korea)
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■ 10:15-11:45
Atrial Fibrillation 2: Tailored Approach in AF ROOM 1 | ENG

Chair:	Young-Hoon Kim (Korea University College of Medicine, Republic of Korea) Kee-Joon Choi (University of Ulsan College of Medicine, Republic of Korea)	
Speaker:	Fluorless Catheter Ablation of AFib	Mansour Razminia (AMITA Health Care, United States)
	Short & Long-Term Endpoint of My AF Ablation Procedure	Young-Hoon Kim (Korea University College of Medicine, Republic of Korea)
	My Approach to Patients with Persistent AF	Yong Seog Oh (College of Medicine, The Catholic University of Korea, Republic of Korea)
	New Developments in Atrial Fibrillation Ablation	Sung Woo Lee (MedStar Heart and Vascular Institute, United States)
	<i>Discussion</i>	

PSVT 1: Treatment of Atrial Tachycardia ROOM 2 | ENG

Chair: Dong-Gu Shin (Yeungnam University College of Medicine, Republic of Korea)
June Huh (School of Medicine, Sungkyunkwan University, Republic of Korea)

Speaker:	Ablation of Focal Atrial Tachycardia	Nwe Nwe (Yangon General Hospital, Myanmar)
	Cryofreezing Catheter Ablation of Supraventricular Tachycardia	Kaoru Okishige (Yokohama Minato Heart Clinic, Japan)
	Supraventricular Tachycardia in Patients with Persistent Left Superior Vena Cava	Jae-Sun Uhm (Yonsei University College of Medicine, Republic of Korea)
	Atrial Tachycardia in Structural Heart Disease	Myung Hwan Bae (Kyungpook National University School of Medicine, Republic of Korea)
	Catheter Ablation of Recurrent PSVT Using Ultra High Density Mapping System	Jaemin Shim (Korea University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

SPAF 1: Management for Subclinical AF ROOM 3 | ENG

Chair: Myung Yong Lee (Dankook University College of Medicine, Republic of Korea)
Hong Euy Lim (College of Medicine, Hallym University, Republic of Korea)

Speaker:	Managing Patients with CIED Detected Atrial Fibrillation	Chi-Keong Ching (National Heart Centre Singapore, Singapore)
	Atrial Remodeling in Patients with Device Detected AF (AHRE)	Hsuan-Ming Tsao (National Yang Ming Chiao Tung University Hospital, Taiwan)
	Tailored Anticoagulation in Atrial Fibrillation: Current Trends and Future Perspective	Marcellus Francis L. Ramirez (University of Santo Tomas, Philippines)
	How Much AF Matters?: AF Burden and Stroke Risk	Min Soo Cho (University of Ulsan College of Medicine, Republic of Korea)
	Risk Factors for AF - Who, When and How to Intervene	Pil-Sung Yang (CHA University, Republic of Korea)
	<i>Discussion</i>	

Cross Specialty 1: Joint Symposium with Heart Failure ROOM 4 | KOR

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

Speaker:	Atrial Dysfunction in Patient with AF and HF	Dae-In Lee (Chungbuk National University College of Medicine, Republic of Korea)
	Benefit of CRT for Non-Ambulatory Class IV HF Patients	Jihyun Lee (Seoul National University College of Medicine, Republic of Korea)
	Preventing HF and AF with Treatments for Diabetes Mellitus	Mi-Seung Shin (Gachon University School of Medicine, Republic of Korea)
	Management of Arrhythmias after Heart Transplantation	Jong-Chan Youn (College of Medicine, The Catholic University of Korea, Republic of Korea)
	Management of HF in AF Patients: HFpEF vs HFrEF	Jin-Oh Choi (School of Medicine, Sungkyunkwan University, Republic of Korea)
	<i>Discussion</i>	

Basic 2: From Mechanism to Therapy: Update in Genetics for Arrhythmia ROOM 5 | ENG

Chair: Tae-Joon Cha (Kosin University College of Medicine, Republic of Korea)
Hyung Wook Park (Chonnam National University Medical School, Republic of Korea)

Speaker:	Biological Pacing by Non-Viral TBX18 Gene Transfer and TGFb Inhibition	Kihong Lee (Chonnam National University Medical School, Republic of Korea)
	Transmembrane Action Potential in Failing Ventricular Cardiomyocyte	Namsik Yoon (Chonnam National University Medical School, Republic of Korea)
	Gene Therapy for Heart Rate Control	Hee Cheol Cho (Emory University, United States)
	The Role of SCN5A in J Wave Syndrome	Dan Hu (Renmin Hospital of Wuhan University, China)
	Role of Genetics in AF	Hee Tae Yu (Yonsei University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

MR Education ROOM 6 | KOR

Chair: Myungchul Hyun (Kyungpook National University School of Medicine, Republic of Korea)
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)	Sung Ho Lee (School of Medicine, Sungkyunkwan University, Republic of Korea)
	부정맥 질환의 심각성	Woo Seok Lee (Yeosu Jeil Hospital, Republic of Korea)
	심방세동 항응고요법	Ki-Hun Kim (Inje University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

Oral 2 (AF) ROOM 7 | ENG

Chair:	Eue-Keun Choi (Seoul National University College of Medicine, Republic of Korea)	
Presenter:	Characteristics of the Unipolar Electrograms in the Pulmonary Vein Antrum during Radiofrequency Pulmonary Vein Antral Isolation	Ungjeong Do (Dongguk University Ilsan Hospital, Republic of Korea)
	Malnutrition and Risk of Procedural Complications in Patients with Atrial Fibrillation Undergoing Catheter Ablation	Daehoon Kim (Yonsei University College of Medicine, Republic of Korea)
	Association of Rhythm Control with Incident Dementia among Patients with Atrial Fibrillation: Nationwide Cohort Study	Daehoon Kim (Yonsei University College of Medicine, Republic of Korea)
	Sex Differences in the Left Atrial Low Voltage Areas according to CHA2DS2-VA Score among Patients with Atrial Fibrillation	Do Young Kim (Dongtan Sacred Heart Hospital, Republic of Korea)
	Dual Antithrombotic Therapy on Early Clinical Outcomes in Patients with Atrial Fibrillation after Percutaneous Coronary Intervention: A Nationwide Study in the Era of NOAC	Jiesuck Park (Seoul National University Hospital, Republic of Korea)
	A Healthy Lifestyle Combination is Associated with a Lower Risk of Dementia in Patients Newly Diagnosed with Atrial Fibrillation: A Nationwide Cohort Study	Sang-Hyeon Park (Seoul National University Hospital, Republic of Korea)
	Resting Heart Rate and Cardiovascular Outcomes in Patients with Atrial Fibrillation: CODE-AF Registry	Hanjin Park (Yonsei University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

■ 10:15-11:15

Industry Session (Abbott): AF Management with Abbott's Technology ROOM 8 | ENG

Speaker:	Why I Use Confirm Rx for My Atrial Fibrillation Patients	Asim Yunus (Michigan Cardio-Vascular Institute, United States)
	The Magic of Using HD Grid and ICE in Treatment of Cardiac Arrhythmias	Mansour Razminia (AMITA Health Care, United States)

■ 11:15-11:45

Industry Session (Boryung Pharmaceutical): Outcomes after Use of 110mg Dabigatran in Patients with AF ROOM 8 | ENG

Speaker:	Outcomes after Use of 110mg Dabigatran in Patients with AF	In-Soo Kim (Yonsei University College of Medicine, Republic of Korea)
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■ 12:00-13:00

Scientific Session (Pfizer Korea & BMS Korea): Lighten the Load: AF Patients with Renal Dysfunction in Focus ROOM 1 | ENG

Chair:	Kee-Joon Choi (University of Ulsan College of Medicine, Republic of Korea)	
Speaker:	Tailored Oral Anticoagulation Strategies with Eliquis in AF Patients with Renal Impairment	Junbeom Park (Ewha Womans University School of Medicine, Republic of Korea)
	AF Patients with CKD: A Room for Improvement with Eliquis	Charles Herzog (Hennepin Healthcare / University of Minnesota, United States)
	<i>Discussion</i>	

Scientific Session (Chong Kun Dang Pharm) ROOM 2 | KOR

Chair:	Tai Ho Roh (Dr. Rho's Heart Clinic, Republic of Korea)	
Speaker:	Beta-Blocker in Patients with Cardiac Arrhythmias	Jong-Il Choi (Korea University College of Medicine, Republic of Korea)
	Recent Update on OAC Therapy	Tae-Hoon Kim (Yonsei University College of Medicine, Republic of Korea)

Scientific Session (Abbott): Arrhythmia Management Session : Breakthrough Technologies and Approaches ROOM 3 | ENG

Speaker:	Advance Ablation and Mapping Technologies - How It Has Change My Technique	John Day (HCA Healthcare Northwest U.S. Hospitals, United States)
	HF Management with CRT	Justin Mariani (Heart Centre Alfred Hospital, Australia)

Scientific Session (Medtronic Korea Ltd.): Management of Atrial Fibrillation with Cryoballoon ROOM 4 | ENG

Speaker:	STOP AF Persistent and Best Practices of a Segmental Approach	Wilber Su (University Medical Center Phoenix, United States)
	STOP AF First and the Early Treatment of AF	Oussama Wazni (Cleveland Clinic, United States)

Oral 3 (Other) ROOM 5 | ENG

Chair:	Il-Young Oh (Seoul National University College of Medicine, Republic of Korea)	
Presenter:	A Comparison of Atrial Fibrillation Incidence among Physician and the General Population: The Good, the Bad and the Ugly	Wei-Syun Hu (China Medical University Hospital, Taiwan)
	Adhesive Single-Lead ECG Device versus Holter Monitoring for Non-Atrial Fibrillation Patients	Soonil Kwon (Seoul National University Hospital, Republic of Korea)
	An Artificial Intelligence-Enabled ECG Algorithm for the Identification of Patients with Heart Failure Reduced Ejection Fraction	Young Jun Park (Yonsei University Wonju College of Medicine, Republic of Korea)
	Association between Body Mass Index and the Risk of Atrial Fibrillation and Ischemic Stroke according to Age: A Nationwide Population-Based Cohort Study	Hyo-Jeong Ahn (Seoul National University Hospital, Republic of Korea)
	<i>Discussion</i>	

Oral 4 (Basic & CIED) ROOM 6 | ENG

Chair:	Hyoung-Seob Park (Keimyung University School of Medicine, Republic of Korea)	
Presenter:	The First Survey on Patients' Needs for Remote Monitoring of Cardiac Implantable Electronic Devices in South Korea	Youmi Hwang (The Catholic University of Korea, St. Vincent's Hospital, Republic of Korea)
	Comparison of Apical Pacing and Septal Pacing in Patients with Atrioventricular Block Undergoing Pacemaker: 3 Year Follow up	Sung Soo Kim (Chosun University College of Medicine, Republic of Korea)
	Feasibility Study on Stereotactic Radiotherapy for Total Pulmonary Vein Isolation in a Canine Model	Myung-Jin Cha (ASAN Medical Center, Republic of Korea)
	Circulating MiR-423-5p Attenuate Phosphorylation of Calcium Handling Proteins in Atrial Fibrillation	Hyewon Park (Ewha Womans University Medical Center, Republic of Korea)
	Comparison between Centroid Defuzzification and Maximum Defuzzifier Model Mean of Maxima (MOM) For the Diagnosis of Coronary Artery Disease (CAD)	Rifaldy Fajar (Yogyakarta State University, Indonesia)
	<i>Discussion</i>	

■ 13:15-14:45

Ventricular Tachycardia 2: VT without Structural Heart Disease ROOM 1 | ENG

Chair:	Yongkeun Cho (Kyungpook National University School of Medicine, Republic of Korea) Gi-Byoung Nam (University of Ulsan College of Medicine, Republic of Korea)	
Speaker:	Periarrotic VT/PVC Ablation	Kyoko Soejima (Kyorin University, Japan)
	Idiopathic VT Ablation is Not Always Simple: My Experience	Gi-Byoung Nam (University of Ulsan College of Medicine, Republic of Korea)
	My Tip for VT Ablation	Chun Hwang (Revere Health, United States)
	Papillary Muscle PVC Ablation	Yoori Kim (Dongguk University School of Medicine, Republic of Korea)
	<i>Discussion</i>	

CIED 2: ICD and CRT ROOM 2 | ENG

Chair:	Jae-Jin Kwak (Inje University College of Medicine, Republic of Korea) Jun Hyung Kim (Chungnam National University College of Medicine, Republic of Korea)	
Speaker:	New Approaches in CRT Optimization or Possible Solutions for CRT Non-Response	Niraj Varma (Cleveland Clinic, United States)
	Prognosis of Pacing Associated Heart Failure and the Role of CRT - Nationwide Data Analysis	Seung-Jung Park (School of Medicine, Sungkyunkwan University, Republic of Korea)
	Advancing S-ICD through Clinical Evidence & Contemporary Implant Management	Myung Hwan Bae (Kyungpook National University School of Medicine, Republic of Korea)
	ICD Shocks-Related Heart Failure Worsening	Yukiomi Tsuji (Nagasaki University, Japan)
	Conduction System Pacing for Cardiac Resynchronization Therapy - Electrical Characteristics of Deep Septal vs. Left Bundle Branch (area) Pacing vs. His-Bundle Pacing	Tae-Hoon Kim (Yonsei University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

Noninvasive 2: Artificial Intelligence and Signal Data Analysis ROOM 3 | 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:	Artificial Intelligence in EP: Current State and Future Promise	Konstantinos Siontis (Mayo Clinic, United States)
	Basic Concept of Artificial Intelligence Algorithm	Hyeonseung Im (Kangwon National University, Republic of Korea)
	Current Status of Artificial Intelligence in Cardiology	Junbeom Park (Ewha Womans University School of Medicine, Republic of Korea)
	The Impact and the Development of Technology on Future Management of Arrhythmia	Joong-Wha Chung (Chosun University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

PSVT 2: Unusual Situations ROOM 4 | ENG

Chair:	Eun-Jung Bae (Seoul National University College of Medicine, Republic of Korea) Sanghee Lee (Pohang SeMyeong Christianity Hospital, Republic of Korea)	
Speaker:	Extremely Late Recurrences of AVNRT: Electrophysiological Characteristics of the Index and Repeat Ablation Procedures	Ming-Hsiung Hsieh (Wan-Fang Hospital, Taipei Medical University, Taiwan)
	The Variants of Slow Pathway	Yoshiaki Kaneko (Gunma University Graduate School of Medicine, Japan)
	Differential Diagnosis of Long RP Tachycardia	Yoshiaki Kaneko (Gunma University Graduate School of Medicine, Japan)
	To Ablate or Not to Ablate Asymptomatic Preexcitation	Lae-Young Jung (Chonbuk National University Medical School, Republic of Korea)
	Difficult PSVT Cases	Youngjin Cho (Seoul National University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

Policy & New Technology	ROOM 5 ENG
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Chair:	Sang Weon Park (Bucheon Sejong Hospital, Republic of Korea) Daewoo Hyun (Andong Medical Group Hospital, Republic of Korea)	
Speaker:	Community CPR Policy and Education to Improve Survival in Sudden Cardiac Death	Yih Yng Ng (Tan Tock Seng Hospital, Singapore)
	What Is the Best Policy for AF Ablation in Korea?	Jin-Kyu Park (Hanyang University College of Medicine, Republic of Korea)
	Pacemaker and CRT	Sang Weon Park (Bucheon Sejong Hospital, Republic of Korea)
	New CIED Technologies Not Available in Korea	Jung Hoon Sung (CHA University, Republic of Korea)
	New Technology for Ablation of Arrhythmias	Eun Sun Jin (School of Medicine, Kyung Hee University, Republic of Korea)
	<i>Discussion</i>	

YIA Competition	ROOM 6 ENG
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Chair:	Boyoung Joung (Yonsei University College of Medicine, Republic of Korea)	
Judge:	Hyoung-Seob Park (Keimyung University School of Medicine, Republic of Korea) Jin-Seok Kim (Korea University College of Medicine, Republic of Korea) Il-Young Oh (Seoul National University College of Medicine, Republic of Korea) Jun Kim (University of Ulsan College of Medicine, Republic of Korea) Jaemin Shim (Korea University College of Medicine, Republic of Korea) Dae-In Lee (Chungbuk National University College of Medicine, Republic of Korea)	
Presenter:	Fully Automated GPU-Based Framework for 3D Left Atrial Wall Thickness Measurement	Oh-Seok Kwon (Yonsei University Health System, Republic of Korea)
	Left Atrial Wall Stress and the Outcome of Catheter Ablation for Atrial Fibrillation: Artificial Intelligence-Based Prediction of Clinical Outcome	Jae-Hyuk Lee (Severance Hospital, Republic of Korea)
	Treatment Timing and the Effects of Rhythm-Control Strategy in Patients with Atrial Fibrillation: A Nationwide Cohort Study	Daehoon Kim (Yonsei University College of Medicine, Republic of Korea)
	Efficacy and Safety of Cryoballoon Pulmonary Vein Isolation for Paroxysmal and Persistent Atrial Fibrillation: A Comparison with Radiofrequency Ablation	Ji-Hoon Choi (Samsung Medical Center (Samsung Seoul Hospital), Republic of Korea)
	Inhibition of Late Sodium Current via PI3K/Akt Signaling Prevents Cellular Remodeling in Tachypacing-Induced HL-1 Myocyte for Atrial Fibrillation	Tae Hee Ko (Korea University College of Medicine, Republic of Korea)
	Antiarrhythmic Effect of Artemisinin in Canine Experimental Model of Brugada Syndrome	Hyungki Jeong (Wonkwang University School of Medicine, Republic of Korea)
	Intracardiac Echocardiographically Guided Permanent Pacemaker Implantation is a Feasible Imaging Tool with Comparable Procedural Efficacy and Safety	Moonki Jung (Chung-Ang University Hospital, Republic of Korea)
	<i>Discussion</i>	

Oral 5 (AF)	ROOM 7 ENG
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Chair:	Kihong Lee (Chonnam National University Medical School, Republic of Korea)	
Presenter:	One-Year Change in the H2FPEF Score after Catheter Ablation of Atrial Fibrillation in Patients with a Normal Left Ventricular Systolic Function	Min Kim (Chungbuk National University College of Medicine, Republic of Korea)
	Ventricular Diastolic Dysfunction Contributes to Ischemic Stroke in Low CHA2DS2-VASc Atrial Fibrillation	Min Kim (Chungbuk National University College of Medicine, Republic of Korea)
	Artificial Intelligence for Atrial Fibrillation Prediction - Where Are We and Where Are We Going?	Wei-Syun Hu (China Medical University Hospital, Taiwan)
	Association of Proteinuria and Hypertension with Incident Atrial Fibrillation in an Elderly Population: Nationwide Data from a Community-Based Elderly Cohort	Yoon Jung Park (Severance Hospital, Republic of Korea)
	The Impact of Experiencing Socioeconomic Deprivation on the Risk of Atrial Fibrillation in Patients with Diabetes Mellitus: A Nationwide Population-Based Study	Minju Han (Seoul National University Hospital, Republic of Korea)
	Effect of Physical Activity in Patients with Atrial Fibrillation: A Single Center Study in Korea	Moo-Nyun Jin (Inje University Sanggye Paik Hospital, Republic of Korea)
	Risk of Sick Sinus Syndrome in Patients Diagnosed with Atrial Fibrillation: a Population-Based Cohort	Pil-Sung Yang (CHA University, Republic of Korea)
	<i>Discussion</i>	

■ 13:15-14:15

Industry Session (DaiichiSankyo-Daewoong): NOAC Guide Update and NOAC in Elderly Patients	ROOM 8 KOR
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Chair:	Hui-Nam Pak (Yonsei University College of Medicine, Republic of Korea) Hyung Wook Park (Chonnam National University Medical School, Republic of Korea)	
Speaker:	2021 EHRA NOAC Practical Guide Update	Hee Tae Yu (Yonsei University College of Medicine, Republic of Korea)
	NOACs in Advanced Age and Special Considerations with AF	Ju Youn Kim (School of Medicine, Sungkyunkwan University, Republic of Korea)
	<i>Discussion</i>	

■ 15:00-16:30

Atrial Fibrillation 3: Anatomy, Imaging and Mapping for AF**ROOM 1 | ENG**

Chair: Kee-Joon Choi (University of Ulsan College of Medicine, Republic of Korea)
Seil Oh (Seoul National University College of Medicine, Republic of Korea)

Speaker: Ablation in Asymptomatic AF: What is Evidence? Kelvin Chua (National Heart Centre Singapore, Singapore)

New Technology in AF Ablation: High-Power & Short Duration Jun Kim (University of Ulsan College of Medicine, Republic of Korea)

Anatomic Consideration for Avoiding Complications in AF Ablation Jae-Sun Uhm (Yonsei University College of Medicine, Republic of Korea)

Atrial Structural & Functional Imaging for Predicting Outcomes in AF Jin-Bae Kim (School of Medicine, Kyung Hee University, Republic of Korea)

Omnipolar Mapping Technology: To Address the Limitation of Bipolar Mapping Li-Wei Lo (Taipei Veterans General Hospital, Taiwan)

Discussion

CIED 3: Life Saving Device Therapies in Cardiology**ROOM 2 | KOR**

Chair: Dong-Gu Shin (Yeungnam University College of Medicine, Republic of Korea)
Moon-Hyoung Lee (Yonsei University College of Medicine, Republic of Korea)

Speaker: Which Heart Failure Patients Should Receive CRT and How Should They Be Followed? Jongmin Hwang (Keimyung University School of Medicine, Republic of Korea)

The Patient with Bradycardia - New and Conventional (External+Endocardial) to Pace the Heart Young Soo Lee (Daegu Catholic University College of Medicine, Republic of Korea)

What Does One Need to Know about Sports and Driving in ICD Patients? Lae-Young Jung (Chonbuk National University Medical School, Republic of Korea)

When Is the Timing of the Pacemaker in Case of Abnormal Rhythm after Surgery or Intervention? Woohyun Lim (SMG-SNU Boramae Medical Center, Republic of Korea)

When Should I Consider a Patient for a Primary Preventive ICD? Kwang-No Lee (Ajou University School of Medicine, Republic of Korea)

Discussion

SPAF 2: Anticoagulation and Stroke Prevention**ROOM 3 | 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: Real-World Data of the Anticoagulant Management in Nonvalvular Atrial Fibrillation (NVAf) Patients Takanori Ikeda (Toho University Medical Center, Japan)

Anticoagulation during Perioperative Period of Catheter Ablation for Atrial Fibrillation Kaoru Okishige (Yokohama Minato Heart Clinic, Japan)

Anticoagulation Strategy in Special Circumstances: Fragile Patient, Renal Failure, and Post-Bleeding Eue-Keun Choi (Seoul National University College of Medicine, Republic of Korea)

Effectiveness and Safety of NOAC: Focused on Reduced and Off-Label Dosing So-Ryoung Lee (Seoul National University College of Medicine, Republic of Korea)

Antithrombotic Treatment after LAAO: Aspirin or Low Dose NOAC? Seung-Young Roh (Korea University College of Medicine, Republic of Korea)

Discussion

Atrial Fibrillation 4: Rhythm Control of AF**ROOM 4 | ENG**

Chair: Jae-Jin Kwak (Inje University College of Medicine, Republic of Korea)
Jong-Il Choi (Korea University College of Medicine, Republic of Korea)

Speaker: Does Early Rhythm Control of Atrial Fibrillation Improve Prognosis? Isabelle Van Gelder (University Medical Center Groningen, Netherlands)

New Drugs for Atrial Fibrillation Pil-Sung Yang (CHA University, Republic of Korea)

Treatment of AF: ADD First Yun Gi Kim (Korea University College of Medicine, Republic of Korea)

Debate: Treat AF Early with Catheter Ablation as First-Line Therapy Hyoung-Seob Park (Keimyung University School of Medicine, Republic of Korea)

Discussion

Ventricular Tachycardia 3: Sudden Cardiac Death**ROOM 5 | ENG**

Chair: Kyoung-Suk Rhee (Chonbuk National University Medical School, Republic of Korea)
Seongwook Han (Keimyung University School of Medicine, Republic of Korea)

Speaker: Catheter Ablation of J-Wave Syndrome Akihiko Nogami (University of Tsukuba, Japan)

Use of Deep Learning Technique in Analyzing ECG Pattern for Prevention of Sudden Cardiac Death Yu-Feng Hu (Taipei Veterans General Hospital, Taiwan)

Ablation of PVC Triggering VF Kyoung-Min Park (School of Medicine, Sungkyunkwan University, Republic of Korea)

New Mapping and Ablation Tools Haris Haqqani (University of Queensland, Australia)

Substrate for VT in NICM: Two Decades of Progress Haris Haqqani (University of Queensland, Australia)

Discussion

Imaging and New Procedure	ROOM 6 ENG
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Chair:	Byung-Chun Jung (Daegu Fatima Hospital, Republic of Korea)	
	Jieun Ban (Ewha Womans University School of Medicine, Republic of Korea)	
Speaker:	Efficacy and Safety of His Bundle Pacing	Kieu Ngoc Dung (Cho Ray Hospital, Vietnam)
	Atrial Imaging Using Cardiac MRI	Jung Myung Lee (School of Medicine, Kyung Hee University, Republic of Korea)
	Zero-Fluoroscopy VT Ablation	Hong Euy Lim (College of Medicine, Hallym University, Republic of Korea)
	Anatomy for ICE-Guided LAA Closure Implantation	Il-Young Oh (Seoul National University College of Medicine, Republic of Korea)
	<i>Discussion</i>	

Oral 6 (AF)	ROOM 7 ENG
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Chair:	Junbeom Park (Ewha Womans University School of Medicine, Republic of Korea)	
Presenter:	Vagal Denervation after High-Power Short Duration versus Conventional Radiofrequency Catheter Ablation in Paroxysmal Atrial Fibrillation	Ungjeong Do (Dongguk University Ilsan Hospital, Republic of Korea)
	An Open-Label Randomized Non-Inferior Study of Generic-Name and Brand-Name of Propafenone for Rhythm Control in Taiwan Patients with Paroxysmal Atrial Fibrillation: the Preliminary Results	Ming-Hsiung Hsieh (Wan Fang Hospital, Taipei Medical University, Taiwan)
	The Association between Cumulative Exposure to Elevated Serum γ -Glutamyltransferase Level and Risk of Atrial Fibrillation: A Large Population-Based Cohort Study	Won Kyeong Jeon (Seoul National University Hospital, Republic of Korea)
	Sex Difference in Antiarrhythmic Drug Response among Patients Who Recurred Atrial Fibrillation after Catheter Ablation	Yoon Jung Park (Severance Hospital, Republic of Korea)
	Nonalcoholic Fatty Liver Disease in Young Adults and the Risk of Atrial Fibrillation: A Nationwide Population-Based Study	Jungmin Choi (Seoul National University Hospital, Republic of Korea)
	Safety and Long-Term Outcomes of Catheter Ablation according to Sex in Patients with Atrial Fibrillation: A Nationwide Cohort Study	Moon Hyun Kim (Yonsei University College of Medicine, Republic of Korea)
	Clinical Outcomes of Computational Virtual Mapping-Guided Catheter Ablation in Patients with Persistent Atrial Fibrillation: A Multicenter Prospective Randomized Study	Yong-Soo Baek (Inha University Hospital, Republic of Korea)
	<i>Discussion</i>	

■ 15:00-16:00

Industry Session (Bayer Korea): Xarelto, Protection Never Rests	ROOM 8 KOR
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Chair:	Nam-Ho Kim (Wonkwang University School of Medicine, Republic of Korea)	
Speaker:	Concomitant Diabetes with AF and Anticoagulation Management Considerations	Dong-Hyeok Kim (Ewha Womans University School of Medicine, Republic of Korea)
	What Dose Safety Means for Elderly AF Patients?	Myung-Jin Cha (ASAN Medical Center, Republic of Korea)