

Oral Abstract Presentations

OP04-01 Ventricular Tachycardia

Date: 1 September 2023 (Friday) **Time:** 08:30 – 10:10

Venue: Exhibition Area - Innovation Theatre

Chairpersons: Yu-Ho Chan (Hong Kong SAR), Sze-Wah Lai (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	111	A machine learning approach to differentiate wide QRS tachycardia: distinguishing ventricular tachycardia from supraventricular tachycardia	Fengxiang Zhang (China)
08:42	216	Epicardial Linear Ablation on the Anterior Right Ventricular Insertion Suppresses the Induction of Ventricular Fibrillation.	Kenichi Iijima (Japan)
08:54	387	Optimisation of Ablation Outcome with Ventricular Tachycardia Ablation Pathway: The VITALITY Study	Sharon Man (United Kingdom)
09:06	796	Ventricular Tachycardia Originating from Para Hisian region: Electrocardiographic and Catheter Ablation Characteristics	Adriana Tokich (Australia)
09:18	839	Successful Ablation of Scar-related Ventricular Tachycardia using Decremental Evoke Potential Mapping in Patient with Ischemic Cardiomyopathy	Sebastian Manurung (Indonesia)

Oral Abstract Presentations

OP05-01 Ablation Technology

Date: 1 September 2023 (Friday)

Time: 08:30 – 10:10

Venue: Exhibition Area - Mini Stage A

Chairperson: Leung-Kwai Chan (Hong Kong SAR), Apichai Pokawattana (Thailand)

Time	Paper No.	Paper Title	Presenting Author
08:30	433	THE CARDIOINSIGHT MAPPING VEST – AN INSIGHT TO THE FIONA STANLEY HOSPITAL EXPERIENCE	Ho-Wing Arthur Yau (Australia)
08:42	474	LESION FORMATION IN RADIOFREQUENCY ABLATION: AN EX-VIVO STUDY FOR INTERACTION OF POWER AND TIME	Dian Andina Munawar (Australia)
08:54	509	PULSE FIELD ABLATION FOR ATRIAL FIBRILLATION –THE MERITS OF CONCOMITANT ELECTROANATOMICAL MAPPING	Paul Lim (Singapore)
09:06	599	Impact of Omnipolar Technology on Case Efficiency in Atrial Fibrillation Ablation Procedures	Lauren Gaeta (United States)
09:18	611	Effect of high-density mapping and traditional, non-mapping techniques used for PVI confirmation on case efficiency	Lauren Gaeta (United States)
09:30	724	Initial Experience With a Novel Flexible-Tip Contact Force-Sensing Catheter in Australia	Ajita Kanthan (Australia)
09:42	794	Pulsed Field Ablation (PAF) for Atrial Fibrillation (AF) in a large tertiary hospital of Victoria, Australia	Saadat Ali Saleemi (Australia)

Oral Abstract Presentations

OP12-01 General Electrophysiology

Date: 1 September 2023 (Friday)

Time: 08:30 – 10:10

Venue: Exhibition Area - Mini Stage B

Chairpersons: Myles Chan (Hong Kong SAR), Iris WS Kwan (Hong Kong SAR), Cheuk-Kit Wong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	350	Regional burden of atrial fibrillation and atrial flutter in China and Japan, from 1990 to 2019: results from the Global Burden of Disease Study 2019	Xiao Liu (China)
08:42	351	Causal relationship between atrial fibrillation and cognitive impairment: A Two-sample Mendelian Randomization study	Xiong GAO (China)
08:54	382	Educational levels and the risk of adverse outcomes in Asian patients with atrial fibrillation: A report from the prospective APHRS Registry.	Tommaso Bucci (Italy)
09:06	520	Risk of death, cardiovascular events, and bleeding in Asian patients with atrial fibrillation and diabetes: A report from the prospective APHRS Registry.	Tommaso Bucci (Italy)
09:18	744	Exploring the relationship between leukocyte telomere length and the incidence of atrial fibrillation: A study utilizing UK biobank	Hong-ju Kim (South Korea)

Oral Abstract Presentations

OP04-02 Ventricular Tachycardia

Date: 1 September 2023 (Friday) **Time:** 10:40 – 12:20

Venue: Exhibition Area - Innovation Theatre

Chairpersons: Brian Tomlinson (Macao SAR), Kin-Tak Wong (Hong Kong SAR), Tony CK Au Yeong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
10:40	60	Long-term Effectiveness of Catheter Ablation and Hybrid Thoracoscopic Radiofrequency Ablation of Arrhythmogenic Substrates in Inherited Primary Arrhythmia Syndromes: Systematic Review and Meta-analysis	Gusti Ngurah Prana Jagannatha (Indonesia)
10:52	63	Optimal Timing of Ventricular Arrhythmia Ablation After Myocardial Infarction and Potential Role of Programmed Ventricular Stimulation: Systematic Review and Meta-analysis	Gusti Ngurah Prana Jagannatha (Indonesia)
11:04	153	RV1+RV3 Index to Differentiate Idiopathic Outflow Tract Ventricular Arrhythmias Arising from Right Ventricular Outflow Tract and Aortic Sinus of Valsalva: a multicenter study	Ning Chen (China)
11:16	210	Liver-to-spleen attenuation ratio as a predictor for ventricular arrhythmias in patients with an implantable cardioverter-defibrillator	Yuan GAO (China)
11:28	240	Efficacy of substrate mapping evaluated under multidirectional pacing in ventricular tachycardia ablation	Masato Hachisuka (Japan)
11:40	384	A Stepwise Approach to Manage Vicious Cycle of Incessant Ventricular Arrhythmia in Acute Myocarditis Patients with Congenital Long QT syndrome.	Najmi Fauzan TARSIDIN (Indonesia)
11:52	588	Major complications of catheter ablation of idiopathic ventricular arrhythmias in a large volume center	Jana Haskova (Czech Republic)
12:04	821	New Ventricular Tachycardia mapping strategy: Ventricular Abnormal Activities Detection by Early meets Late function in CARTO system	Hiroyuki Kono (Japan)

Oral Abstract Presentations

OP05-02 Ablation Technology

Date: 1 September 2023 (Friday)

Time: 10:40 – 12:20

Venue: Exhibition Area - Mini Stage A

Chairpersons: Leung-Kwai Chan (Hong Kong SAR), Bernard MY Cheung (Hong Kong SAR), Kin-Keung Tsang (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
10:40	260	A Meta-Analysis and Cost-Minimization Analysis of Cryoballoon Ablation Versus Radiofrequency Ablation for Paroxysmal Atrial Fibrillation	Yoshimi NITTA (Japan)
10:52	264	Sleep quality trajectories after atrial fibrillation radiofrequency ablation: a prospective observational study	Zhijie Tang (China)
11:04	723	Left atrial posterior wall ablation using pulsed field ablation as adjunctive therapy option in re-do procedures in patients with persistent atrial fibrillation	Kars NEVEN (Germany)
11:16	741	Arterial baroreflex activity measurement using phenylephrine test allows the quantitative assessment of cardiac parasympathetic denervation after cardioneuroablation	Maxim Gorev (Russian Federation)
11:28	806	The Effectiveness of radiofrequency catheter ablation vs Cryoablation techniques for treating atrial fibrillation: A systematic review and meta-analysis study	Lutfi Hafiz Zunardi (Indonesia)
11:40	884	Plasma myeloperoxidase : association with atrial fibrillation progression and recurrence after catheter ablation	Jingmeng Liu (China)
11:52	885	Chronic Safety and Efficacy of a Novel Balloon Basket PFA Catheter in a Canine Model with Multi-Level Dosing	Boyce Moon (United States)

Oral Abstract Presentations

OP12-02 General Electrophysiology

Date: 1 September 2023 (Friday)

Time: 10:40 – 12:20

Venue: Exhibition Area - Mini Stage B

Chairperson: Beny Hartono (Indonesia), John TH Wong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
10:40	65	Efficacy of Morning vs Evening Bisoprolol Intake in Fast-Rate Dependent Premature Ventricular Complex: A Double-Blind Randomized Crossover Trial	Niken Anthea Sugiharto (Indonesia)
10:52	102	Burden and outcomes of complete atrioventricular block in pregnant women	Aliya Smagulova (Kazakhstan)
11:04	143	Electrocardiogram-based deep learning algorithm to screen left atrial low-voltage area in patients with persistent atrial fibrillation	Yirao Tao (China)
11:16	255	Artificial Intelligence Algorithm For Measuring Catheter To Tissue Contact With Eelectrogramm	Oleg Likhachev-mishchenko (Russian Federation)
11:28	381	Risk of death, cardiovascular events, and bleeding in Asian patients with atrial fibrillation and chronic obstructive pulmonary disease: A report from the prospective APHRS Registry.	Tommaso Bucci (Italy)
11:40	612	LA Deformation and Computer Tomography-derived LA Wall Indices in Predicting Atrial Fibrillation Outcomes	Po Hua Chu (Taiwan)
11:52	651	Predicting Atrial Fibrillation in Rheumatic Valve: NCCHK-B/ULALA Score - A Clinical Prediction Rule	Bayushi Eka Putra (Indonesia)
12:04	886	Electrophysiology Procedural Access and Growth in Remote Geographies Using Remote Mapping and Clinical Support using Novel Software	Devi Nair (United States)

Oral Abstract Presentations

OP02-01 Atrial Fibrillation: Rhythm Control

Date: 1 September 2023 (Friday) **Time:** 13:50 – 15:30

Venue: Exhibition Area - Innovation Theatre

Chairpersons: Yu-Ho Chan (Hong Kong SAR), Alexson TK Lau (Hong Kong SAR), Brian Tomlinson (Macao SAR)

Time	Paper No.	Paper Title	Presenting Author
13:50	41	The Impact of Sick Sinus Syndrome on Flow Velocity of the Left Atrial Appendage in Patients with Atrial Fibrillation	Satoshi Takahashi (Japan)
14:02	112	Left atrial transitional voltage zone in paroxysmal atrial fibrillation: impacts on ablation outcomes and its preoperative predictors	Fengxiang Zhang (China)
14:14	416	Quantitative identification of atrial fibrosis in patients with atrial fibrillation	Weili Fan (China)
14:26	507	The Feasibility of Atrial Fibrillatory Wave Amplitude in Predicting Ablation Outcomes in Patients with Persistent Atrial Fibrillation	Linlin Wang (China)
14:38	785	Pattern of atrial fibrillation recurrence in patients undergoing catheter ablation for persistent atrial fibrillation	Rose Crowley (Australia)

Oral Abstract Presentations

OP09-01 CIED: Conduction System Pacing

Date: 1 September 2023 (Friday)

Time: 13:50 – 15:30

Venue: Exhibition Area - Mini Stage B

Chairperson: Raymond HW Chan (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
13:50	92	Effect Of Left Bundle Branch Area Pacing (LBBAP) On Tricuspid Regurgitation Severity	Krittika Kengkoom (Thailand)
14:02	406	New Strategy for Heart Failure with Mildly-Reduced Ejection Fraction and Left Bundle Branch Block: Application of Left Bundle Branch Pacing	Jiaxin Zeng (China)
14:14	481	Comparison of Vectocardiographic QRS area between Left Bundle Cardiac Resynchronization Therapy and Left Bundle Optimized Cardiac Resynchronization Therapy	Suresh Kumar Sukumaran (India)[
14:26	693	Accuracy of Auto-Capture Algorithms for Left Bundle Branch Pacing	Jerome REYMATIAS (Singapore)
14:38	708	Ring Electrode Capture to Achieve Physiological Conduction System Activation	Juhong Zhang (China)
14:50	735	Correlation Between Paced Morphology In Limb Leads And Improvement In Left Ventricular Ejection Fraction (LVEF) In Patients With Left Bundle Pacing Cardiac Resynchronization Therapy	Jenish SHROFF (Australia)
15:02	791	Impact on LVEF in Patients with Mid-Range Cardiomyopathy with Physiologic Pacing	Lukah Tuan (Australia)
15:14	826	Anodal Capture Characteristics of Left Bundle Branch Area Pacing	Rohan Trivedi (United States)
15:26	461	Single Centre experience of Smart Phone Based Remote Monitoring	Balbir Singh Makkar (India)

Oral Abstract Presentations

OP13-01 Catheter Ablation Cases

Date: 1 September 2023 (Friday)

Time: 13:50 – 15:30

Venue: Exhibition Area - Mini Stage A

Chairpersons: TBC

Time	Paper No.	Paper Title	Presenting Author
13:50	32	A New Kid On The Block	Wei Shen Chee (Malaysia)
14:02	172	Demonstration of Pseduo-VAAV during EPS in a case of a Wide Complex Tachycardia.	Mohanaraj Jayakumar (Malaysia)
14:14	370	The Curious Case of Left Bundle Branch Morphology Tachycardia, What is the Mechanism?	Harsh Kumar Pandey (India)
14:26	386	Successful Ablation of Coexisting Pleomorphic Ventricular Tachycardia and Mahaim-Type AVRT with the Same Trigger	Emin Evren OZCAN (Turkey)
14:38	389	Three Cases of Atrial Tachycardia Associated with the Sinus Venosa Region	Nao Yasuda (Japan)
14:50	565	Pathological ventricular tachycardia electrical storm after ECMO treatment: Three cases with different prognosis	Zidun Wang (China)
15:02	616	Catheter ablation strategy for atrial fibrillation in patients with partial anomalous pulmonary venous return	Ishizue Naruya (Japan)

Oral Abstract Presentations

OP05-03 Ablation Technology

Date: 1 September 2023 (Friday)

Time: 16:00 – 17:40

Venue: Exhibition Area - Mini Stage A

Chairperson: Michael-Joseph Agbayani (Philippines), Alexson TK Lau (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
16:00	97	Durability of mitral isthmus ablation and posterior wall isolation with ethanol infusion into the vein of Marshall in atrial fibrillation ablation	Masayuki Ishimura (Japan)
16:12	695	Lessons from Ablation Responses to Preferential Wavefront Revealed by Ultra-High-Resolution Mapping in Typical Atrial Flutter	Linlin Wang (China)
16:24	702	Influence of a 3D mapping system on the acute outcome and safety in pulmonary vein isolation using pulsed field ablation	Kars NEVEN (Germany)
16:36	729	Acute efficacy and safety profile of novel point-by-point pulsed field ablation for pulmonary vein isolation: insights from initial experience	Kars NEVEN (Germany)
16:48	749	Tissue Contact is Important for an Effective Pulsed Field Ablation: Evidence from Preclinical In-vitro and In-vivo Studies	Lakshya Mittal (United States)
17:00	793	A DECADE OF CRYOABLATION FOR ATRIAL FIBRILLATION IN THE MIDLAND REGION OF NEW ZEALAND	Edwin Kooijman (New Zealand)
17:12	817	Pulsed Field Ablation of Atrial Fibrillation - An Initial Australian Single Centre Experience	Xiang Wen Lee (Australia)

Oral Abstract Presentations

OP09-02 CIED: Conduction System Pacing

Date: 1 September 2023 (Friday)

Time: 16:00 – 17:40

Venue: Exhibition Area - Mini Stage B

Chairpersons: Raymond HW Chan (Hong Kong SAR), Yu-Ho Chan (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
16:00	68	Electrocardiography and Echocardiographic Findings after Correction of a Preexisting Bundle Branch Block with Left Bundle Branch Area Pacing	Peerawat SUKKUL (Thailand)
16:12	257	Feasibility and efficacy of conduction system pacing in patients undergoing atrioventricular node ablation: A systematic review and meta-analysis	Sijing Cheng (China)
16:24	410	Including His-Purkinje Conduction System Pacing (HP-CSP) Into Synchronized Pacing Configurations May Further Enhance The Benefits In Patients Who Had Survived In Long-term Biventricular Pacing (BiVP)	YaNan Zhang (China)
16:36	596	Left Bundle Branch Area Pacing In Dilated Right Ventricle versus Normal Sized Right Ventricle: Differences in Peri-procedural Outcomes	Mohit M Bhagwati (India)
16:48	742	Long-term Clinical, Electrocardiographic, and Echocardiographic Impact of His-bundle Pacing after Atrioventricular Node Ablation in Permanent Atrial Fibrillation: A Systematic Review and Meta-Analysis	Nikita Toding Labi (Indonesia)
17:00	770	Mid-term follow-up data of left bundle branch area pacing using stylet driven leads: a single center experience	So-Ryoung Lee (South Korea)
17:12	783	Efficacy and Feasibility of Left Bundle Branch Pacing in Heart Failure Patients	Lukah Tuan (Australia)
17:24	789	Conduction System Pacing Without Specialised Electrophysiology System: A Single Centre Experience	Anbarasan SEKAR (India)

Oral Abstract Presentations

OP13-02 Catheter Ablation Cases

Date: 1 September 2023 (Friday) **Time:** 16:00 – 17:40

Venue: Exhibition Area - Innovation Theatre

Chairperson: Hau-Kwong Chung (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
16:00	300	First Hybrid AF ablation in Asia with combined LAA clip and Vein of Marshall Ablation	Wood Hay Ian LING (Hong Kong SAR)
16:12	625	High Burden of Premature Ventricular Complexes in a 37-Year Old Patient with Left Ventricular Non-compaction Cardiomyopathy	Mark Adorada (Philippines)
16:24	635	Is It Enough to Perform Slow Pathway Modification using 3D Electroanatomical Mapping to Prevent AV Block in Octogenarian? What did We Miss?	Theovano Oktavio (Indonesia)
16:36	732	First case of pulsed field ablation for pulmonary vein isolation in a patient with implantable upper-airway neurostimulator to treat severe obstructive sleep apnea	Kars NEVEN (Germany)
16:48	757	Successful ablation via endocardial approach for right atrial appendage accessory connection to right ventricle participating in rare reciprocating tachycardia utilizing dual accessory pathways	Jason Tan (Thailand)
17:00	830	Entrapment of Ablation Catheter in Right Pulmonary Veins Requiring Surgical Intervention: A Rare Complication in Pulmonary Vein Isolation	Jonathan Lipton (Australia)
17:12	850	Subvalvular Catheter Approach for Ablation of a Challenging Right Sided Accessory Pathway.	Vijay Shekar (India)
17:24	874	Polymorphic PVC Induced Cardiomyopathy: Atrium as a Vantage Point	Darshan Krishnappa (India)

Oral Abstract Presentations

OP02-02 Atrial Fibrillation: Rhythm Control

Date: 2 September 2023 (Saturday)

Time: 08:30 – 10:10

Venue: Exhibition Area - Mini Stage A

Chairpersons: Archie YS Lo (Hong Kong SAR), Guang-Ming Tan (Hong Kong SAR), King-Fun Tang (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	80	Effects of Directional-dependent Conduction Heterogeneities in the Left Atrium on Atrial Tachycardia Inducibility and Recurrence after Pulmonary Vein Isolation	Mitsuru Takami (Japan)
08:42	163	Effectiveness and Safety of Hybrid Epicardial-Endocardial Ablation Versus Endocardial Catheter Ablation Alone in Persistent and Longstanding Persistent Atrial Fibrillation: CEASE-AF Trial Results	Alan Bulava (Czech Republic)
08:54	316	Renal Outcomes of Rhythm Control in Patients Recently Diagnosed With Atrial Fibrillation: A Nationwide Population-based Study	Daehoon Kim (South Korea)
09:06	455	Rhythm outcome of persistent atrial fibrillation ablation depending on the timing of the first electrocardiographic documentation	Hong-ju Kim (South Korea)
09:18	669	Atrial wall thinning is associated with atrial myopathy estimated by impaired atrial reverse remodeling after successful catheter ablation of atrial fibrillation	Moonki Jung (South Korea)
09:30	689	The value of digital twin-guided virtual antiarrhythmic drug test in recurred patients after atrial fibrillation catheter ablation	Taehyun Hwang (South Korea)
09:42	857	Association of electrophysiologic characteristics of extra pulmonary vein triggers with atrial fibrillation recurrence	Young Shin Lee (South Korea)

Oral Abstract Presentations

OP04-03 Ventricular Tachycardia

Date: 2 September 2023 (Saturday)

Time: 08:30 – 10:10

Venue: Exhibition Area - Innovation Theatre

Chairpersons: Alan KC Chan (Hong Kong SAR), Victor KM Goh (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	66	Point Density Exclusion (PDX) technique for VT arising from Endocavitary structures	Jayapandian Pandian (India)
08:42	129	Scoring System for Predicting the Risk of Ventricular Arrhythmia for Severe Patients after Myocardial Injury	Qingjie Wang (China)
08:54	202	Association between Daytime Napping and Incident Arrhythmias: a prospective cohort analysis	Qingyuan Gao (China)
09:06	592	Electrophysiologic and Electro-anatomically confirmed sites of origin of ventricular tachycardia and PVCs and its relation to the occurrence of R wave in lead aVR.	Seth Smith (United States)
09:18	792	Clinical, electrophysiological characteristics and long-term catheter ablation outcomes of premature ventricular contractions originating from mitral annulus.	Natasha JONES-LEWIS (Australia)
09:30	807	Coupling interval (CI) is associated with Premature Ventricular Complex (PVC) related symptoms.	Natasha JONES-LEWIS (Australia)

Oral Abstract Presentations

OP02-03 Atrial Fibrillation: Rhythm Control

Date: 2 September 2023 (Saturday)

Time: 10:40 – 12:20

Venue: Exhibition Area - Mini Stage A

Chairpersons: David KY Lo (Hong Kong SAR), Guang-Ming Tan (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
10:40	82	Circumferential pulmonary vein isolation (CPVI) for paroxysmal atrial fibrillation: electrical antrum or anatomic antrum?	Jingcheng Chen (China)
10:52	122	Remote magnetic-guided catheter ablation versus manual ablation in patients with atrial fibrillation and enlarged left atrium: propensity-matched observational study	Alexander Romanov (Russian Federation)
11:04	149	Impact of Atrial Fibrillation Diagnosis-to-Ablation Time on 24-Month Efficacy and Safety Outcomes in East and Southeast Asia: Results from the Cryo Global Registry	Il-Young Oh (South Korea)
11:16	409	Association of Circulatory Stasis in Left Atrial Appendage Detected by Cardiac Computed Tomography Angiography with Atrial Fibrillation Recurrence after Initial Catheter Ablation	Shu Yang (China)
11:28	841	Left common trunkus pulmonary veins have genetic background and poorer rhythm outcome after paroxysmal atrial fibrillation catheter ablation	Sung Hwa Choi (South Korea)
11:40	858	Retrospective Study of the Perclose ProGlide Suture-Mediated Closure System: Incidence of Optimal Closures and its Impact on Rates of Same-Day Discharges and 7-day Rehospitalizations	Usman Siddiqui (United States)

Oral Abstract Presentations

OP08-01 CIED: Implantable Cardiac Defibrillator

Date: 2 September 2023 (Saturday)

Time: 10:40 – 12:20

Venue: Exhibition Area - Innovation Theatre

Chairpersons: Ka-Ho Kam (Hong Kong SAR), Geoffrey CF Mok (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
10:40	98	Association of physical activity with long-term outcomes in nonischemic cardiomyopathy patients with implantable cardioverter-defibrillator: A cohort study	Zhengqin Zhai (China)
10:52	322	Single Lead Implantable Cardioverter-Defibrillator (ICD) System With a Floating Atrial Sensing Dipole: Long Term Follow Up with Limitations Of The SMART Algorithm	Anbarasan SEKAR (India)
11:04	331	Quantification of Right Ventricular Function: Comparison to Stratify the Risk of Appropriate ICD Therapy	Toshinori Chiba (Japan)
11:16	485	Lower Ejection Fraction Results in Less Improvement in Cardiac Performances after Conduction System Pacing?	Chengming Ma (China)
11:28	784	Left Bundle Branch Area Pacing Efficacy, Feasibility and Long-term Outcome: A Prospective Cohort Study	Lukah Tuan (Australia)
11:40	864	Sex Differences in Echocardiographic and Clinical Outcomes with Conduction System Pacing in Patients with Left Bundle Branch Block	Shengjie Wu (China)

Oral Abstract Presentations

OP05-04 Ablation Technology

Date: 2 September 2023 (Saturday)

Time: 13:50 – 15:30

Venue: Exhibition Area - Innovation Theatre

Chairpersons: Hamish CK Chan (Hong Kong SAR), Eddie WY Cheung (Hong Kong SAR), Yuen-Wai Tang (Hong Kong SAR), Kwok-Leung Wu (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
13:50	860	DiamondTemp Ablation System: A Real-World Experience	Usman Siddiqui (United States)
14:02	139	The Effect of Pulmonary Vein Isolation by Pulsed-field Ablation on Gastric Motility	Cheng CAI (China)
14:14	471	Effect of Pulsed Field Ablation on the His Bundle	Jia Le WANG (China)
14:26	472	The Influence of Force, Power and Duration on Radiofrequency Application on Endocardial Sparing at the Lesion Edge	Dian Andina Munawar (Australia)
14:38	805	Prevalence of Cardiac Amyloidosis in Patients Undergoing Catheter Ablation for Atrial Fibrillation: Evidence from Atrial Biopsy	Toyokazu Otsubo (Japan)
14:50	190	Paediatric Transcatheter Ablation in Hong Kong	Sit-Yee Kwok (Hong Kong SAR)

Oral Abstract Presentations

OP06-02 CIED: Bradycardia Pacing

Date: 2 September 2023 (Saturday)

Time: 13:50 – 15:30

Venue: Exhibition Area - Mini Stage B

Chairpersons: Daniel WY Mak (Hong Kong SAR), Kai-Fat Tse (Hong Kong SAR), Gabriel WK Yip (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
13:50	182	Faced with Venous Occlusion? Alternative Routes for Lead Implantation.	Anastasiia Palagina (Russian Federation)
14:02	282	Achieving and maintaining Home Monitoring connection of Cardiac Implantable Electronic Devices (CIEDs) for rural and remote patients.	Bradley Pitman (Australia)
14:14	516	Incidence and prognosis of subclinical cardiac perforation after leadless pacemaker implantation	Jae-Sun Uhm (South Korea)
14:26	563	Minimal Fluoroscopy Approach for Permanent Cardiac Electronic Device Implantation: A Systematic Review and Meta-Analysis	Kevin Luke (Indonesia)
14:38	686	Leadless vs. Transvenous Single-Chamber Ventricular Pacemakers: Early Real-World Evidence from Aveir VR Coverage with Evidence Development Study	Rahul N. Doshi (United States)
14:50	746	COULD REMOTE MONITORING BE USED TO PREDICT PACING-INDUCED CARDIOMYOPATHY?	Guy Furniss (United Kingdom)
15:02	798	An Audit of Permanent Pacemaker Implantation Indications at National Hospital of Sri Lanka from 2018 – 2020	Iddagoda Hewage Don Sandun Prabath (Sri Lanka)
15:14	846	Left Atrial Reverse Remodelling Following Dual Chamber Pacemaker in A Patient with Asymptomatic Sinus Node Dysfunction and Left Atrial Enlargement, A New Insight	Ahmad Handayani (Indonesia)

Oral Abstract Presentations

OP11-01 Syncope & Sudden Cardiac Death

Date: 2 September 2023 (Saturday)

Time: 13:50 – 15:30

Venue: Exhibition Area - Mini Stage A

Chairpersons: Chi-Hong Chau (Hong Kong SAR), Leo CC Kum (Hong Kong SAR), Kwok-Fai Leung (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
13:50	25	Predictors of Post Operative Atrial Fibrillation Following Coronary Artery Bypass Graft Surgery: A New Scoring System	Kian LOTTER (Australia)
14:02	107	Neuroticism and sudden cardiac death: A prospective cohort study from UK Biobank	Kyung-yeon LEE (South Korea)
14:14	467	The Effect of SGLT-2 Inhibitors on The Event of Arrhythmia and Cardiac Arrest: A Systematic Review And Meta-Analysis Of Randomized Controlled Trials	Muhammad Rafdi Amadis (Indonesia)
14:26	593	Genetic profile and clinical characteristics of Brugada syndrome: Data from a Vietnamese study with the Whole Exon Sequence technic	Viet Tran (Viet Nam)
14:38	803	Prevalence of Sleep disordered breathing and Cheyne Stokes respiration in patients with atrial fibrillation	Hiroki Matsumoto (Japan)
14:50	811	Characteristics and Longterm Outcome of STEMI Patients Presenting with Aborted SCD at a Tertiary Cardiac Centre	Justine Bhar-amato (Malaysia)
15:02	887	Sleep Apnea and Atrial Fibrillation: Clinical Features and Screening Diagnostic Options	Azamat Baymukanov (Russian Federation)

Oral Abstract Presentations

OP06-03 CIED: Bradycardia Pacing

Date: 2 September 2023 (Saturday)

Time: 16:00 – 17:40

Venue: Exhibition Area - Mini Stage B

Chairpersons: Yu-Tak Hung (Hong Kong SAR), Kevin KC Lee (Hong Kong SAR), Victor WT Yan (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
16:00	76	Clinical Predictors of Ventricular Pacing Percentage in Atrioventricular Block and Sinus Node Dysfunction: A Single Tertiary Center Study	Thossapoom Phubangkertphon (Thailand)
16:12	238	Time Required for reversal of Complete Heart Block complicating Acute Inferior Wall ST Elevation Myocardial Infarction: An observational study	Deebaj Nadeem (Pakistan)
16:24	435	NEW POSTURE SENSITIVE PACEMAKER MEDIATED TACHYCARDIA IN A MEDTRONIC MICRA AV LEADLESS PACEMAKER	Ho-Wing Arthur Yau (Australia)
16:36	591	Safe and Efficacy of device access for Cardiovascular Implantable Electronic Device (CIED) implantation: a single center retrospective study	Ronpichai Chokesuwattanas kul (Thailand)
16:48	714	Leadless pacemaker Micra AV: does left ventricular function decrease after implantation?	Tianyou Ling (China)
17:00	820	The frequency of respiratory disturbance index reports in patients with cardiac electronic implantable devices with diagnostic function for sleep-disordered breathing	Hye Bin Gwag (South Korea)
17:12	831	Outcomes of Transvenous Lead Extraction in the Octogenarian Patient	Hyo Jin Lee (South Korea)
17:24	889	Bradyarrhythmia management in patients with sleep apnea. What is your choice: pacemaker or CPAP therapy?	Yuliya Weissman (Russian Federation)

Oral Abstract Presentations

OP15-02 Clinical Arrhythmia Cases

Date: 2 September 2023 (Saturday)

Time: 16:00 – 17:40

Venue: Exhibition Area - Mini Stage A

Chairpersons: Walter WC Chen (Hong Kong SAR), Peter TL King (China), Lok-Yee So (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
16:00	349	Obstructive Sleep Apnea as Overlooked Risk Factor for Arrhythmia and Stroke: Case Report	Hendyono Lim (Indonesia)
16:12	415	TORSADE DE POINTES CAUSED BY CORONARY VASOSPASM COMBINED WITH LONG QT SYNDROME: A CASE REPORT	Hinh Nguyen Van (Viet Nam)
16:24	436	The monitor alarm induced type 2 long QT syndrome of KCNH2 mutation	Hong Pan (China)
16:36	721	A Rare Case of Giant Cardiac Mass Manifesting as Palpitations: A Diagnostic Challenge	Zhenyu Dong (China)
16:48	762	Adolescent with sudden cardiac death high risks benefit from home automated external defibrillator: a case report	Yuanhao JIN (China)
17:00	781	An Orthodox Case Presentation - The Mystery of Conducted Premature Atrial Contraction in 2:1 Conduction Atrioventricular Block: Phase 4 Block or Gap Phenomenon?	Muhammad Rizky Felani (Indonesia)
17:12	788	BRUGADA SYNDROME AND HYPOKALEMIA: THE DEADLY DUET	Kinanti PRAVDANI (Indonesia)
17:24	837	Appearances Are Deceptive: Heart Failure with LBBB: CRT OR EP STUDY?	Suresh Allamsetty (India)

Oral Abstract Presentations

OP03-01 Supraventricular Tachycardia

Date: 3 September 2023 (Sunday)

Time: 08:30 – 10:10

Venue: S429

Chairpersons: Ming-Yan Cheuk (Hong Kong SAR), Andrew YW Li (Hong Kong SAR), Chi-Ming Wong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	310	Current concepts and contemporary management of tachyarrhythmia in pregnant: results of single-center, prospective study with 12 month follow up	Ayan Abdrakhmanov (Kazakhstan)
08:42	348	Atrioventricular Nodal Reentrant Tachycardia with absent retrograde fast pathway conduction – A Distinct Entity	Suresh Kumar Sukumaran (India)
08:54	444	Delayed effect of radiofrequency ablation in the treatment of accessory pathways after an immediate reconnection of the accessory pathway.	Javaid Ahmad Dar (India)
09:06	688	Characteristics of up-loop macroreentrant atrial tachycardia surrounding superior vena cava: insights from high-resolution mapping	Wenjie Liu (China)
09:18	844	Orthodromic Atrioventricular Reentrant Tachycardia Mimicking Ventricular Tachycardia : Revisiting Coumel's Law Phenomenon	Yislam Aljaidi (Indonesia)
09:30	868	THE VALUE OF CONVENTIONAL MANOEUVAR COMBINED WITH THE DIFFERENTIAL ATRIAL OVERDRIVE PACING TO DIAGNOSE SUPRAVENTRICULAR TACHYCARDIA	Truong Son Pham (Viet Nam)

Oral Abstract Presentations

OP05-05 Ablation Technology

Date: 3 September 2023 (Sunday) **Time:** 08:30 – 10:10

Venue: Exhibition Area - Innovation Theatre

Chairpersons: Kin-Ming Tam (Hong Kong SAR), Shung-Yee Wong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	61	Fluoroleless Future of Catheter Ablation in Pediatric Arrhythmias With or Without Congenital Heart Disease by Zero or Near-zero Fluoroscopy Approach: Systematic Review and Meta-analysis	Gusti Ngurah Prana Jagannatha (Indonesia)
08:42	62	Development of Non-Invasive and Clinical-Based Approach of Electrophysiological Study and Outcomes of Ventricular Arrhythmia Ablation in High-risk Repaired Tetralogy of Fallot: Systematic Review and Meta-analysis	Gusti Ngurah Prana Jagannatha (Indonesia)
08:54	120	Remote magnetic-guided catheter ablation versus manual ablation in patients with repaired congenital heart disease and atrial tachycardia: propensity-matched observational study of long-term results.	Alexander Romanov (Russian Federation)
09:06	194	Conduction system pacing in patients with congenitally corrected Transposition of great arteries with Dextrocardia	Javaid Ahmad Dar (India)
09:18	203	Long-term Catheter Ablation Outcomes of Atrial Flutter in Patients with Pulmonary Hypertension	Lei Ding (China)
09:30	392	Long-Term Outcomes of Catheter Ablation for Atrial Tachyarrhythmias in Grown-Up Congenital Heart Disease	Suguru Nishiuchi (Japan)
09:42	698	Arrhythmia characteristics and outcomes on different types of atrial situs in ccTGA patients	Ploy Thammasate (Thailand)
09:54	706	Predictors of Arrhythmia Recurrence after Cryoballoon Ablation for Persistent Atrial Fibrillation: a sub-analysis of the Cryo Global Registry	Julian Chun (Germany)

Oral Abstract Presentations

OP10-01 Basic Science

Date: 3 September 2023 (Sunday)

Time: 08:30 – 10:10

Venue: Exhibition Area - Mini Stage A

Chairpersons: Vinson YW Cheng (Hong Kong SAR), Andrew KY Ng (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	54	Binary colloidal crystals (BCCs) promote cardiac differentiation of human pluripotent stem cells (hPSCs) via an increase of H3K9me3 and nuclear accumulation of SETDB1	Chang Cui (China)
08:42	69	Ibrutinib contributes to atrial arrhythmia through the autophagic degradation of connexins by inhibiting the PI3K-AKT-mTOR signaling pathway	Zidun Wang (China)
08:54	205	Atrial fibroblasts-derived exosomal miR-21 upregulate myocardial KCa3.1 channels via the PI3K-Akt pathway during rapid pacing	Fu Yun Tao (China)
09:06	243	KCa3.1 promotes the migration of macrophages from epicardial adipose tissue to induce atrial fibrillation vulnerability during rapid pacing	Yuanjia Ke (China)
09:18	271	Succinate Predisposes Mice to Atrial Fibrillation by Impairing Mitochondrial Function via AMPK Inactivation	Xinghua Qin (China)
09:30	579	Chemerin Regulate Calcium via NLRP3 Inflammasome: Atrial Fibrillation Pathogenesis in Obese Mice	Nan ZHANG (China)

Oral Abstract Presentations

OP14-01 CIED Implantation Cases

Date: 3 September 2023 (Sunday) **Time:** 08:30 – 10:10

Venue: Exhibition Area - Mini Stage B

Chairpersons: Michael KY Lee (Hong Kong SAR), Wai-Woon So (Hong Kong SAR), Yiu-Tung Wong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
08:30	385	An uncommon cause for rescue conduction system pacing: Epicardial substrate for ventricular tachycardia	Emin Evren OZCAN (Turkey)
08:42	393	Non Invasive LV dP/dt Echo Optimized QRS Duration In HOT-CRT Patient	Andrianus Oktovianto (Indonesia)
08:54	438	Cardiac Resynchronization Therapy from an Iliac Approach in a Patient Without Superior Access	Lei Xu (China)
09:06	674	Cardiac Resynchronization Therapy - Defibrillator Implantation in a 63-Year Old Patient with Persistent Left Superior Vena Cava Schummer's Type IIIb	Mark Adorada (Philippines)
09:18	730	Outcomes of Brugada Syndrome Patients in the Philippines who underwent ICD Implantation	Paula Victoria Catherine Cheng (Philippines)
09:30	734	Atrioventricular synchronous leadless pacemaker-induced takotsubo cardiomyopathy: A rare complication	Koji Sudo (Japan)

Oral Abstract Presentations

OP05-06 Ablation Technology

Date: 3 September 2023 (Sunday)

Time: 10:40 – 12:20

Venue: S429

Chairpersons: Chi-Yeung Cheung (Hong Kong SAR), Cho-Shan Li (Hong Kong SAR), Hin-Hung Tsang (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
10:40	104	Evaluation of arrhythmia management in pregnant - zero - fluoroscopy ablation comes true	Aliya Smagulova (Kazakhstan)
10:52	152	Double-wire Technique For Vein Of Marshall Ethanol Infusion In Patients With Atrial Fibrillation	Hongda Zhang (China)
11:04	164	Novel Predictor of Transmural Lesion in High Power Short Duration Ablation of Atrial Fibrillation Guided by Local Impedance	Yoon Kee Siow (Taiwan)
11:16	228	Esophageal Temperature Management with Inverse Ratio Breathing Pattern during Cryoballoon Ablation for Atrial Fibrillation	Ilia SOROKIN (Russian Federation)
11:28	358	Gender differences and risk factors of complications after pulmonary vein isolation in patients with non-valvular atrial fibrillation	Huasheng Lv (China)
11:40	422	The Safety and Efficacy Study of High-Power, Short-Duration Radiofrequency Ablation for Atrial Fibrillation	Shuyu Jin (China)
11:52	504	The effect of catheter ablation for atrial fibrillation in patients with giant left atrial volume	Hironobu Sumiyoshi (Japan)
12:04	522	Clinical characteristics of tricuspid isthmus ablation guided by intracardiac ultrasound	Feiyu Wei (China)

Oral Abstract Presentations

OP07-01 CIED: Cardiac Resynchronization Therapy

Date: 3 September 2023 (Sunday)

Time: 10:40 – 12:20

Venue: Exhibition Area - Mini Stage B

Chairpersons: Kin-Ming Tam (Hong Kong SAR), Kwok-Hing Yiu (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
10:40	17	Clinical implications of Left Atrial Size and its Changes after Cardiac Resynchronization Therapy in Patients with Heart Failure	Yu Yu (China)
10:52	291	Left Bundle Branch Pacing Optimized Cardiac Resynchronization Therapy Achieves Better Electrical Resynchronization and Clinical Outcomes in Intraventricular Conduction Delay Patients during Long-term Follow-up	Xiao Li (China)
11:04	315	Predicting the Response to Cardiac Resynchronization Therapy Using In Silico Heart Models: Pilot Study of Comparison Between In Silico and Real Cardiac Resynchronization Therapy Outcomes	Jae-Sun Uhm (South Korea)
11:16	374	Utilization of Guideline Directed Medical Therapy for CRT Eligible HFrEF patients: comparison of baseline medications in the AdaptResponse and Mid-Q Response studies.	Katherine YY Fan (Hong Kong SAR)
11:28	500	Electro-anatomical characterisation of leadless cardiac resynchronisation therapy	Nadeev Wijesuriya (United Kingdom)
11:40	800	Real-world effectiveness of automated dynamic optimization and left ventricular-only pacing algorithm of cardiac resynchronization therapy	Su Hyun Lee (South Korea)

Oral Abstract Presentations

OP10-02 Basic Science

Date: 3 September 2023 (Sunday)

Time: 10:40 – 12:20

Venue: S426

Chairpersons: Doosang Kim (South Korea), U-Po Lam (Macao SAR), Kin-Lam Tsui (Hong Kong SAR), Jun Yoshimoto (Japan)

Time	Paper No.	Paper Title	Presenting Author
10:40	114	The function and mechanism of Prkra in the apoptosis of atrial myocyte	Yuan GAO (China)
10:52	131	Small Extracellular Vesicles secreted by Empagliflozin Pretreated Mesenchymal Stem Cells Improve Recovery from Myocardial Infarction	Ling Sun (China)
11:04	396	Predicting 1-year readmission after heart failure hospitalization in elderly arrhythmia patients: an explainable machine learning approach	Xuewu Song (China)
11:16	405	Association between obesity, heart failure and related atrial fibrillation: patient-level data comparisons of two cohort studies	Young Shin Lee (South Korea)
11:28	442	Effect of SGLT-2 Inhibitor on Arrhythmia In Patients With Chronic Kidney Disease: A Systematic Review And Meta-Analysis Of Randomized Controlled Trials	Muhammad Rafdi Amadis (Indonesia)
11:40	473	Cardiac Fibroblast Growth Factor 23 Increases Intracellular Calcium in Atrial Myocytes	Xiaoqian Li (China)
11:52	495	Left atrial pressure and H2FPEF score in patients with atrial fibrillation who underwent catheter ablation	Jong Sung Park (South Korea)

Oral Abstract Presentations

OP01-01 Atrial Fibrillation: Anticoagulation

Date: 3 September 2023 (Sunday)

Time: 13:50 – 15:30

Venue: S429

Chairpersons: Wai-Hong Chen (Hong Kong SAR), Shiu-Shek Chung (Hong Kong SAR), Shu-Keung Kwong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
13:50	108	Association between renal function changes during follow-up and clinical outcomes in anticoagulated atrial fibrillation patients with marginal renal function	Kyung-yeon LEE (South Korea)
14:02	325	Age-Dependent Outcomes of Secondary Stroke Prevention in Atrial Fibrillation: Exploring the Net Benefit of Anticoagulation	Youmei Shen (China)
14:14	328	Patient preferences for stroke prevention treatments in atrial fibrillation (AF): A cross-sectional discrete choice experiment (DCE)	Rosa Wang (United States)
14:26	359	One-year outcome of Japanese patients with atrial fibrillation: Insights from APHRS-AF registry	Kenji Yodogawa (Japan)
14:38	412	Metabolic Syndrome and Atrial Cardiomyopathy on the Risk of Stroke Mortality in the General Population	Shu Yang (China)
14:50	483	Two-year Clinical Outcomes of Hong Kong Patients with Atrial Fibrillation Treated with Edoxaban in Global ETNA-AF Program	Hung-Fat Tse (Hong Kong SAR)
15:02	521	Left atrial appendage thrombus identified by cardiac computed tomography in patients with non-valvular atrial fibrillation: focus on thrombi locations	Chuxian GUO (China)
15:14	577	Non valvular AF in octagenarians and prognostic stratification by B-type Natriuretic Peptide Concentration: A Single centre study	Rahul Singhal (India)

Oral Abstract Presentations

OP09-04 CIED: Conduction System Pacing

Date: 3 September 2023 (Sunday)

Time: 13:50 – 15:30

Venue: Exhibition Area - Mini Stage B

Chairpersons: Dony Yugo Hermanto (Indonesia), Alex PW Lee (Hong Kong SAR), Varun Malik (Australia)

Time	Paper No.	Paper Title	Presenting Author
13:50	851	Left Bundle Area Pacing with Manual Approach in Pediatric Patients : Case Series	Sebastian Manurung (Indonesia)
14:02	8	Left Bundle Branch Area Pacing in Patients with CRT Indication: Short-term results & 1-year Follow-up	Vikas Kataria (India)
14:14	130	CMR-derived Myocardial Scar Predicts echocardiographic response and clinical prognosis of left bundle branch area pacing for cardiac resynchronization therapy in heart failure patients.	Zhongli CHEN (China)
14:26	339	The ventricular activation pattern of the left bundle branch pacing and left ventricular septal pacing in canine model	Feiyu Wei (China)
14:38	736	Correlation Between Paced Morphology In Precordial Lead V1 And Improvement In LVEF In Patients With Left Bundle Pacing (LBP) Cardiac Resynchronization Therapy (CRT)	Jenish SHROFF (Australia)
14:50	829	AV Node Ablation: Feasibility of His Bundle Pacing with Left Bundle Branch Pacing as Back	Rohan Trivedi (United States)
15:02	892	Anatomical LOCALizaTion CorrElation of Left Bundle Branch Pacing lead electrode to Pacing characteristics – Insights from computed tomographic angiography (ALLOCATE LBBP) study	Shunmugasundaram Ponnusamy (India)

Oral Abstract Presentations

OP14-02 CIED Implantation Cases

Date: 3 September 2023 (Sunday)

Time: 13:50 – 15:30

Venue: Exhibition Area - Mini Stage A

Chairpersons: Vinson YW Cheng (Hong Kong SAR), Dora ML Wong (Hong Kong SAR)

Time	Paper No.	Paper Title	Presenting Author
13:50	513	An ICD storm, what's the cause?	Shimeng Zhang (China)
14:02	667	Thick Heart with a Slow Tick - Left Bundle Branch Area Pacing in Young Hypertrophic Cardiomyopathy with Complete Heart Block	Zhao Ming Lee (Malaysia)
14:14	799	Accelerating the Future of Cardiac Care: Revolutionising Heart Treatment in a Young Patient with Complete Heart Block, Mitral Stenosis and Pulmonary Hypertension awaiting valvular surgery.	Sharimila Shanmugam (Malaysia)
14:26	859	Two different venous access techniques leading to single pacing lead transection	Danlu Liang (Australia)