

11月13日 (木)

第2日目

Room 4 | パシフィコ横浜ノース 3F G303

Oral Presentation 1

PFA 1

16:10-17:20

Moderator : Koichiro Kumagai (Fukuoka Sanno Hospital)

Moderator : Kohei Yamashiro (Heart rhythm center, Takatsuki General Hospital)

O1-1	Artificial Intelligence-Guided Pulsed-Field Ablation for Repeat Catheter Ablation of Atrial Fibrillation	27
	Speaker : Devi G Nair (St. Bernards Medical Center & Arrhythmia Research Group)	
O1-2	First Reported Cases of Posterior Wall Ablation Using a Balloon-in-Basket PFA Catheter	28
	Speaker : Helmut Purerfellner (Linz Elisabethinen)	
	Co-Author : Gian Chierchia (UZ Brussels)	
	Co-Author : Emily Wenzel (Abbott)	
	Co-Author : Roland Tilz (UKSH Luebeck)	
O1-3	A Chronic GLP Safety Study to Evaluate Off-Label Use of the TactiFlex Focal PFA Catheter in the Healthy Canine Model	29
	Speaker : Jonathan P Piccini (Duke University Department of Medicine)	
O1-4	Pulsed Field Ablation of Cavotricuspid Isthmus Ablation in Persistent Atrial Fibrillation with Continuous ECG Monitoring a Sub-Analysis of ADVANTAGE AF Phase 2	30
	Speaker : Vivek Y Reddy (Mount Sinai Fuster Heart Hospital)	
O1-5	Comparative Study of Nanosecond and Microsecond Pulsed Field Ablation for Pulmonary Vein Isolation in Preclinical Models	30
	Speaker : Hai-Yang Xie (Department of Cardiology, Sun Yat-Sen Memorial Hospital, Sun Yat-Sen University)	
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	Speaker : Helmut Purerfellner (Linz Elisabethinen)	

Room 7 | パシフィコ横浜ノース 3F G316 + G317

Oral Presentation 2

AI, ECG monitoring (AI related)

10:10-11:20

Moderator : Katsuhito Fujiu (The University of Tokyo / Institute of Science Tokyo)

Moderator : Tomofumi Nakamura (Nagoya Heart Center)

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	Speaker : Jina Choi (Division of Cardiology, Department of Internal Medicine, Seoul National University Bundang Hospital, Seongnam, Korea)	
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	Speaker : Hongmin Wu (Fukuda Denshi Co. Ltd., Japan)	
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	Speaker : Abhishek Maan (University of Toledo, Ohio)	

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 Speaker : Chenxu Wang (Department of Cardiology, The University of Hong Kong - Shenzhen Hospital, China/Department of Medicine, Faculty of Medicine, The University of Hong Kong, Hong Kong SAR)

Oral Presentation 3

Image 13:30-14:40

座長：加藤 武史（金沢大学附属病院循環器内科）
 座長：湯澤 ひとみ（三井記念病院）
 ディスカッサー：中野 正博（千葉大学大学院医学研究院不整脈先端治療学）
 ディスカッサー：山口 純司（東京科学大学大学院医歯学総合研究科 疾患生理機能解析学分野）

- 03-1 Impact of Extracellular Volume Fraction on Functional Recovery After Atrial Fibrillation Ablation in Systolic Dysfunction** 36
 岡田 真人（桜橋渡辺未来医療病院心臓・血管センター）
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 小田切 史徳（順天堂大学医学部附属浦安病院循環器内科）
- 03-3 Impact of epicardial fat volume and insulin resistance on atrial fibrillation recurrence in metabolic dysfunction-associated fatty liver disease patients** 37
 高見 亜衣子（鳥取大学医学部附属病院循環器内科）
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 馬場 晶子（大分大学医学部循環器内科・臨床検査診断学講座）
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 大瀬戸 宏綱（東京慈恵会医科大学葛飾医療センター循環器内科）
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 渡邊 隆大（日本大学医学部附属板橋病院内科系循環器内科学）

Oral Presentation 4

Basic (Genetics) 17:30-18:40

Moderator : Nigel Lever (University of Auckland and Auckland City Hospital)
 Moderator : Seiko Ohno (National Cerebral and Cardiovascular Center)

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 Speaker : Ruifeng Cao (The Second Hospital of Hebei Medical University)
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- 04-3 Topological Distribution Characteristics of CACNA1C Variants Associated with Risk of Sudden Cardiac Death in Patients with Cardiac Channelopathies and Cardiomyopathies** 41
 Speaker : Kui Hong (Department of Cardiovascular Medicine, Nanchang University Second Affiliated Hospital, China/Molecular Medicine of Jiangxi Key Laboratory, Nanchang University Second Affiliated Hospital, China/Department of Genetic Medicine, Nanchang University Second Affiliated Hospital, China)
- 04-4 SCN5A-G1433R-Associated Idiopathic Ventricular Tachycardia: Electrophysiological Mechanism and R1193Q Modulation in Patient-specific iPSC-derived Cardiomyocytes** 42
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- O4-6 FHL2-dependent suppression of AMPK activity is a novel mechanism for ACTC1 cardiomyopathy 43**
 Speaker : Kui Hong (Department of Cardiovascular Medicine, the Second Affiliated Hospital of Nanchang University, Nanchang of Jiangxi, 330006, China/Department of Genetic Medicine, the Second Affiliated Hospital of Nanchang University, Nanchang of Jiangxi, 330006, China/Molecular Medicine of Jiangxi Key Laboratory, the Second Affiliated Hospital of Nanchang University, Nanchang of Jiangxi, 330006, China)

Room 8 | パシフィコ横浜ノース 3F G318 + G319

Oral Presentation 5

CSP 1

13:30-14:40

座長：成瀬 代士久（浜松医科大学医学部附属病院循環器内科）
 座長：宮島 佳祐（聖隷三方原病院循環器科）
 ディスカッサー：鴨志田 淳一（東京医科大学病院）
 ディスカッサー：本池 雄二（藤田医科大学）

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 久野 晋平（愛知医科大学循環器内科）
- O5-3 Association Between Pacing QRS Duration and New Onset of Atrial Arrhythmias in Patients with Atrioventricular Block 45**
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 伊藤 峻輔（安城更生病院循環器内科）
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 藤田 岳史（大阪急性期・総合医療センター心臓内科）
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 成田 裕司（名古屋大学医学部附属病院心臓外科）

Oral Presentation 6

AT

17:30-18:40

Moderator : Seigo Yamashita (The Jikei University Medical Center)
 Discussor : Tomoya Ogawa (Hokusetsu General Hospital)
 Discussor : Daiki Shako (National Cerebral and Cardiovascular Center)

- O6-1 Long-term efficacy of the catheter ablation of postincisional atrial tachyarrhythmias using remote magnetic navigation or manual approach in patients after repaired congenital heart disease 48**
 Speaker : Alexey Filippenko (National Medical Research Centre named after Meshalkin)
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 Speaker : Satoshi Oka (National Cerebral and Cardiovascular Center, Japan)
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 Speaker : Xuan Li (Children's Hospital of Soochow University)
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 Speaker : Mitsuaki Itoh (Harima-Himeji General Medical Center, Japan)
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 Speaker : Hideyuki Hasebe (Division of Cardiology, Fujieda Municipal General Hospital/Division of Arrhythmology, Shizuoka Saiseikai General Hospital)
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 Speaker : Anish Bhargav (JIPMER, Puducherry)

Room 11 | パシフィコ横浜ノース 4F G404

Oral Presentation 7

デバイス諸問題 1

17:30-18:40

座長：長谷川 奏恵（福井大学循環器内科）
 座長：小和瀬 晋弥（横浜労災病院）
 ディスカッサー：近田 明男（富山県立中央病院）
 ディスカッサー：田淵 晴名（順天堂大学医学部附属練馬病院）

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- 07-2 Long-term Outcomes Following Pacemaker Implantation in Patients with Cardiac Sarcoidosis 53
 Yoshiyasu Aizawa (Nippon Medical School Hospital)
- 07-3 Association between high-right atrial pacing burden for sick sinus syndrome and the onset of new atrial fibrillation 53
 新井 智之（地方独立行政法人 東京都立病院機構 東京都立広尾病院）
- 07-4 Usefulness of endomyocardial biopsy using three-dimensional delivery sheath during cardiac implantable electronic device implantation: Early diagnosis of cardiac amyloidosis 54
 須藤 洸司（山梨大学大学院総合研究部医学域内科学講座 循環器内科学教室）
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 田中 漱一郎（近森病院 循環器内科）
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 上原 千弘（国立循環器病研究センター心臓血管内科部門）

Room 15 | カハラホテル&リゾート 1F Grand Ball Room B

Oral Presentation 8

AF Others 1

8:30-9:40

Moderator : Tadashi Fujino (Department of Cardiovascular Medicine, Toho University Faculty of Medicine)
 Moderator : Yaping Wang
 Discussor : Takashi Ikee (National Cerebral and Cardiovascular Center Hospital)

- 08-1 General anesthesia vs. Deep sedation and Conscious Sedation in Subjects Undergoing Pulmonary Vein Isolation with a Novel Flexible-Tip Dual-Energy PF/RF Ablation Catheter 56
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- 08-5 Evaluating Thermal Safety of a Novel Flexible Tip PFA Catheter Across Diverse Patient Impedances Under Consecutive Therapy Applications Beyond Recommended Dosage 58
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- 08-6 Comparison of Hemolysis Associated with Pulsed Field Ablation for Atrial Fibrillation Using a Circular Catheter versus a Pentaspline Catheter 59
 Speaker : Mirei Setoguchi (Tsuchiura Kyodo General Hospital, Japan)

Oral Presentation 9

Clinical Background (AF related)

10:10-11:20

Moderator : Gregory Y.h. Lip (University of Liverpool, UK)
 Moderator : Masahiro Ogawa (Fukuoka University Cardiac EP Center)
 Moderator : Takeshi Kato (Department of Cardiology, Kanazawa University Hospital)

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 Speaker : Lae-Young Jung (Jeonbuk National University Hospital)
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 Speaker : Jia-Yi Huang (University of Hong Kong-Shen Zhen Hospital/University of Hong Kong, LKS Faculty of Medicine)
- O9-6 Real-World Evaluation of AF Risk Scores in Cardiac Implantable Electronic Device Population 63
 Speaker : Leenhapong Navaravong (Intermountain Health)

Oral Presentation 10

Leadless Pacemaker1

13:30-14:40

Moderator : Yoshihiro Sobue (Fujita Health University Bantane Hospital)

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 Speaker : Balbir Singh (Max Super Speciality Hospital)
- O10-2 Pacing-Induced Cardiomyopathy in Leadless Pacing Cohort: A 10-Year Experience in A National Heart Institution 65
 Speaker : Noor Muhammad Azlan Shah Atan (Electrophysiology Unit, Department of Cardiology, National Heart Institute, Kuala Lumpur, Malaysia)
- O10-3 Dual-chamber leadless pacemaker patients required pacing in both chambers despite primary indication 65
 Speaker : Rahul N Doshi (HonorHealth Research Institute, Scottsdale, Arizona, USA)
- O10-4 Positive linear correlation of threshold changes between before and after pulling test and postoperative acute phase for leadless pacemakers: a prospective study 66
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 Speaker : Adil Baimbetov (Syzganov National Scientific Center of Surgery, Almaty, Kazakhstan)

Oral Presentation 11

VT & SCD 1

14:50-16:00

Moderator : Yoshiyasu Aizawa (Nippon Medical School)
 Moderator : Takanori Ikeda (Department of Cardiovascular Medicine, Toho University Faculty of Medicine)

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 Speaker : Tianxin Long (Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China)
- O11-2 Non-Invasive Neuromodulation with Stellate Ganglion Phototherapy for Electrical Storms: A Retrospective Comparative Study 68
 Speaker : Yoshihiro Harano (University of Tsukuba, Japan)

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	Speaker : Tianxin Long (Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China)	
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	Speaker : Xuelian Yuan (Xinjiang Medical University)	
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	Speaker : Ling Sun (The affiliated Wuxi Peoples's Hospital of Nanjing Medical University)	
O11-6	Electrocardiogram-Based QRS Analysis Predicts Ventricular Arrhythmias in Patients after Cardiac Electronic Device Implantation: A Prospective Study	70
	Speaker : Bingqi Fu (Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College)	

Room 16 | カハラホテル&リゾート 1F Grand Ball Room A

Oral Presentation 12

Clinical Background (Except for AF)

8:30-9:40

Moderator : Masatsugu Ohe (Department of Cardiovascular Medicine, Kurume University)

Moderator : Masahiro Maruyama (Department of Cardiovascular Medicine, Kindai University Hospital)

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	Speaker : Taro Fukuda (Jichi Medical University, Japan)	
O12-3	Causal Effect of Obstructive Sleep Apnea on Sick Sinus Syndrome: a Bidirectional Mendelian Randomization Study	72
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	Speaker : Kathryn Wales (Liverpool Hospital, Sydney NSW, Australia)	
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	Speaker : Elnaz Shahmohamadi (Centre for Heart Rhythm Disorders, University of Adelaide and Royal Adelaide Hospital, Adelaide, Australia)	

Oral Presentation 13

SVT

10:10-11:20

Moderator : Yoshiaki Kaneko (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine)

Moderator : Yuji Saito (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

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	Speaker : Takashige Sakio (Cardiovascular division, Osaka Keisatsu Hospital, Japan)	

Oral Presentation 14

PFA 2

14:50-16:00

Moderator : Chengyang Jiang

Moderator : Young Keun On (Samsung Medical Center)

Moderator : Hidemori Hayashi (Department of Cardiovascular Biology and Medicine, Juntendo University Graduate School of Medicine)

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O14-3	Vasovagal Responses During Pulsed Field Ablation of Atrial Fibrillation Using a Circular Catheter	80
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O14-4	Relationship between pulmonary vein morphology and acute success of pulmonary vein isolation in pulsed field ablation using a circular multielectrode array catheter for atrial fibrillation	81
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O14-5	Comparison of Periprocedural Patient Experience Between Pulsed Field Ablation and Conventional Thermal Ablation of Atrial Fibrillation	81
	Speaker : Kohei Iwasa (Sakurabashi Watanabe Advanced Healthcare Hospital, Japan)	
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	Speaker : Lei Ding (Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College)	

11月14日 (金)

第3日目

Room 6 | パシフィコ横浜ノース 3F G314+G315

Oral Presentation 15

CRT / Heart Failure

8:30-9:40

座長：池田 礼史 (埼玉医科大学国際医療センター心臓内科)

座長：坂元 裕一郎 (豊橋ハートセンター循環器内科)

ディスカッサー：上田 暢彦 (国立循環器病研究センター)

- O15-1 Attempt to Enhance the Predictive Capability of the HeartLogic Index for Heart Failure Events. 83
小貫 孔明 (小倉記念病院循環器内科)
- O15-2 Investigation of Predictors and Outcomes of Late Decline in Left Ventricular Function After Response to Cardiac Resynchronization Therapy 84
岩脇 友哉 (名古屋大学大学院医学系研究科循環器内科学/JA 愛知厚生連 海南病院循環器内科)
- O15-3 The Efficacy of Optimization for Patients with High Percent Ineffective Cardiac Resynchronization Therapy Pacing 84
上田 暢彦 (国立循環器病研究センター心臓血管内科)
- O15-4 Impact of recovery native QRS width in the chronic phase after CRT 85
辻 俊比古 (福井大学附属病院循環器内科)
- O15-5 Elevated heart rate is associated with increased heart failure hospitalization and mortality in CRT implanted patients with anemia. 85
三玉 唯由季 (自治医科大学循環器内科学部門)

Room 7 | パシフィコ横浜ノース 3F G316 + G317

Oral Presentation 16

Pediatric

16:00-17:10

Moderator : Hisaki Aoki (Osaka Women's and Children's Hospital)

Moderator : Yoshiaki Kato (Department of Pediatric Cardiology, National Cerebral and Cardiovascular Center)

Moderator : Andrew Davis (The Royal Children's Hospital, Melbourne)

- O16-1 Electrophysiological Characteristics of Tachyarrhythmias and Effects of Catheter Ablation in Patients with Fontan Circulation 86
Speaker : Jae-Sun Uhm (Severance Hospital, Yonsei University)
- O16-2 Ablation Procedures in a Pediatric Population: Insights from the EP Device Registry 87
Speaker : Isabel Deisenhofer (Department of Electrophysiology, TUM University Hospital German Heart Center, Technical University of Munich (TUM), Munich, Germany)
- O16-3 Same-Day Discharge in Electrophysiology Procedures: A Safe and Feasible Option for Pediatric and Adult Congenital Heart Disease Patients 87
Speaker : Azzam M Alqashami (Department of Pediatrics, College of Medicine, Majmaah University, Majmaah -11952, Saudi Arabia/Department of Pediatric Cardiology, Prince Sultan Cardiac Center, Riyadh, Kingdom of Saudi Arabia)
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- O16-5 Identification of sino-atrial node low-voltage areas using unipolar and omnipolar mapping in pediatric patients with congenital heart disease 88
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- O16-6 Efficacy of the remote magnetic navigation for catheter ablation of postincisional tachyarrhythmias in pediatric patients after repaired complex congenital heart disease. 89
Speaker : Alexander Romanov (E. Meshalkin National Medical Research Center, Novosibirsk, Russian Federation/Novosibirsk state Medical University, Russian Federation)

Oral Presentation 17

Pediatric / Registry

17:20-18:30

Moderator : Xiaohan Fan

Moderator : Jun Yoshimoto (Department of Electrophysiology, Shizuoka Children's Hospital)

- O17-1 Incidence of pause and bradycardia in patients with symptomatic heart failure with reduced or preserved ejection fraction monitored using an insertable cardiac monitor. 90
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- O17-3 Incidence of ICD shocks in patients recruited for ICD/CRT-D therapy across 15 countries from Africa, Middle East, Eastern Europe and the Commonwealth of Independent States 92
Speaker : Abdelhamid Moustaghfir (Jerrada Clinic Oasis, Casablanca, Morocco)
- O17-4 Associations between device-measured 24-hour movement behaviors and cardiac conduction disease in the UK Biobank cohort 92
Speaker : Min Kim (Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea)
- O17-5 Feasibility of Left bundle branch area pacing in children after surgical correction of congenital heart disease. 93
Speaker : Yerlan Turubayev (University Medical Center, Kazakhstan)
- O17-6 Complications of Transvenous Pacemaker Implantation in Children Weighing < 15 kg: Experience from an Asian Single Center. 93
Speaker : Viet T Nguyen (Thanh Hoa Province General Hospital)

Room 12 | パシフィコ横浜ノース 4F G414 + G415

Oral Presentation 18

Clinical Studies (Others)

8:30-9:40

Moderator : Kaoru Tanno (Showa Medical University Koto Toyosu Hospital)

Moderator : Yasuya Inden (Nagoya University Graduate School of Medicine)

- O18-1 Effect of Dapagliflozin on Malignant Ventricular Arrhythmias in Elderly after Acute Myocardial Infarction: a Propensity Score-Matched Cohort Study 94
Speaker : Ye Deng (The Third Affiliated Hospital of Nanjing Medical University)
- O18-2 Evaluation of the Relationship between Dental Treatment Needs and Initial Ventricular Tachyarrhythmia Presentation in Cardiac Sarcoidosis: A Questionnaire-Based Study 95
Speaker : Kojiro Ogawa (University of Tsukuba, Japan)
- O18-3 Using interpretable machine learning models to distinguish between myocardial infarction and Takotsubo syndrome: A retrospective cohort study 95
Speaker : Huanan Pei (First Affiliated Hospital of Harbin Medical University)
- O18-4 Cardiac Complications in Transfusion-Dependent Beta-Thalassemia Patients in Oman: A National Retrospective Cohort Study 96
Speaker : Nuha Al Habsi (Oman Medical Specialty Board, Oman)
- O18-5 Electrocardiogram T-wave amplitude for predicting hyperkalemia 96
Speaker : David Elliott (Paul Foster School of Medicine)

Oral Presentation 19

PFA 3

17:20-18:30

Moderator : Ricard Cappato (IRCCS MULTIMEDICA)

Moderator : Laurent Macle (Montreal Heart Institute, University de Montréal)

Moderator : Yasushi Oginosawa (The Department of Heart Rhythm Management, the University of Occupational and Environmental Health, Japan)

Discussor : Tsukasa Kamakura (National Cerebral and Cardiovascular Center)

O19-1	Does sedation technique impact pulsed field ablation lesion durability - real-world experience from the EU-PORIA Registry	97
	Speaker : Julian Chun (CCB Frankfurt, Markuskrankenhaus)	
O19-2	Long-Term Clinical Effectiveness for Atrial Fibrillation Patients Treated with Pulsed Field Ablation in the APAC Region: Interim One-Year Results from the Global FARADISE Registry	98
	Speaker : Haris M Haqqani (University of Queensland)	
O19-3	Efficacy and Safety of Pulse Field, Radiofrequency, and Cryoballoon Ablation in Atrial Fibrillation: A Network Meta-Analysis of Randomized and Nonrandomized Controlled Trials	98
	Speaker : Abhishek Maan (University of Toledo, Ohio, USA)	
O19-4	Comparison of Catheter Ablation Strategies for the Management of Paroxysmal Atrial Fibrillation: A Systematic Review and Network Meta-Analysis	99
	Speaker : Bernadus B Bramantyo (Department of Cardiology and Vascular Medicine, Sardjito General Hospital-Faculty of Medicine, Public Health, and Nursing, Gadjah Mada University, Yogyakarta, Indonesia)	
O19-5	Visualization of pulsed field ablation tags during pulmonary veins isolation with the second-generation pentaspline catheter	99
	Speaker : Vivek Y Reddy (Mount Sinai Fuster Heart Hospital/Homolka Hospital, Prague, Czech Republic)	
O19-6	Acute Effects and Short-term Outcomes of Pulsed Field Ablation for Atrial Fibrillation With PulseSelect System	100
	Speaker : Ken Okumura (Saiseikai Kumamoto Hospital, Japan)	

Room 13 | パシフィコ横浜ノース 4F G416 + G417

Oral Presentation 20

AF (Except for Ablation) 1

8:30-9:40

Moderator : Takashiko Nishiyama (Keio University School of Medicine, Department of Cardiology)
 Moderator : Takeshi Sasaki (University of the Ryukyus Hospital)

O20-1	Frequent Premature Atrial Complexes Are Associated With Atrial Dyssynchrony in Sinus Beats: Insights from the BEAT AFib Study	101
	Speaker : Shohei Kataoka (Section of Cardiac Electrophysiology, University of California-San Francisco, USA)	
O20-2	The distinct role of underweight in incident atrial fibrillation among individuals with low genetic predisposition	102
	Speaker : Young Shin Lee (Kyung Hee University Medical Center, Seoul, Republic of Korea)	
O20-3	Plasma metabolomic analysis of the discovery and validation cohorts identified differential candidate biomarkers for atrial fibrosis and recurrence of AF	103
	Speaker : Huiyuan Qin (The First Affiliated Hospital of Nanjing Medical University Jiangsu Province Hospital)	
O20-4	Association of the Systemic Inflammation Response Index With Late Recurrence Following Atrial Fibrillation Ablation: The Influence of Atrial Fibrillation Type	103
	Speaker : Shunsuke Tamaki (Ehime University Graduate School of Medicine, Japan)	
O20-5	U-shaped Association of Glycated Hemoglobin with Incident Atrial Fibrillation in Heart Failure: A Large Cohort Analysis	104
	Speaker : Qing-Wen Ren (The University of Hong Kong)	
O20-6	Prognostic Benefits of Strict LDL-C Control in Patients with Atrial Fibrillation: The Impact of Lipid Metabolism on Atrial Remodeling	104
	Speaker : Weizhuo Liu (Shanghai Chest Hospital, Shanghai Jiaotong University School of Medicine)	

Oral Presentation 21

Anticoagulants and Stroke

14:40-15:50

Moderator : Yasushi Imai (Division of Cardiovascular Medicine and Division of Clinical Pharmacology, Jichi Medical University)
 Moderator : Takeshi Soeki (Division of Cardiology and Arrhythmia, Department of Community Medicine and Medical Science, Tokushima University Graduate School of Biomedical Sciences)

O21-1	Silent Cerebral Lesions and Cognitive Impairment in Atrial Fibrillation: Roles of Hypoperfusion, Systemic Inflammation, APP and GSK3	105
	Speaker : Jinyi Li (Guilin Medical University Affiliated Hospital)	

O21-2	Expanded application of the DOAC Score for Predicting Bleeding Events in All Anticoagulated Patients with Atrial Fibrillation	106
	Speaker : Shunsuke Kuroda (Department of Cardiovascular Medicine and Biology, Juntendo University Graduate School of Medicine)	
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	Speaker : Dong-Seon Kang (Hallym Sacred Heart Hospital)	
O21-4	Impact of Real-world Off-label dose of Apixaban on long-term clinical outcomes in Heart failure patients with Atrial Fibrillation and End Stage Kidney Disease	107
	Speaker : Sung Il Im (Kosin university gospel hospital)	
O21-5	演題は取り下げられました	107

Room 15 | カハラホテル&リゾート 1F Grand Ball Room B

Oral Presentation 22

AI, ECG monitoring (Wearable)

8:30-9:40

Moderator : Chi Keong Ching (National Heart Centre Singapore)
 Moderator : Keitaro Senoo (Kyoto Prefectural University of Medicine)

O22-1	Ambulatory cardiac arrhythmia diagnosis using a chest strap and dry electrode system over 12-week in-home monitoring: Cardiolq external cardiac monitor (ECM) feasibility study	108
	Speaker : Shantanu Sarkar (Medtronic Inc. Moundsview USA)	
O22-2	Association between anti-seizure medications and cardiac arrhythmias in patients undergoing ambulatory electroencephalographic and electrocardiographic monitoring.	109
	Speaker : Francis Ha (Victorian Heart Hospital, Melbourne, Australia)	
O22-3	Validation of Daytime and Nighttime Heart Rates Measured by a Wearable Device and the Impact of Physical Activity	110
	Speaker : Takeshi Fujiwara (Division of Cardiovascular Medicine, Department of Medicine, Jichi Medical University School of Medicine, Japan)	
O22-4	Smartwatch-based Cardiac Diagnostics: Prospective Multicenter Comparison of Single-Lead ECG Versus Holter ECG for Atrial Fibrillation Detection	110
	Speaker : Junji Yamaguchi (Institute of Science Tokyo, Japan)	
O22-5	Average Heart Rate on 24-Hour Holter Monitoring May Predict Sinus Node Dysfunction Diagnosed by Electrophysiology Study	111
	Speaker : Diajeng Dewanti (National Cardiovascular Center Harapan Kita, Indonesia)	
O22-6	Smartphone-Based ECG Monitoring After Ablation: Clinical Evaluation of the BeatChecker Device	112
	Speaker : Shahzad Mauleenov (UMC Heart Center, Astana, Kazakhstan)	

Oral Presentation 23

VT 1

9:50-11:00

Moderator : Yuki Komatsu (University of Tsukuba)
 Discussor : Shinya Yamada (Fukushima Medical University, Japan)
 Discussor : Asami Kashiwa

O23-1	Correlation between Peak Frequency and Mid Myocardial Scars Based on MRI ADAS for VT Ablation Cases	113
	Speaker : Mohd Asyiq A Raffali (Universiti Kebangsaan Malaysia)	
O23-2	The Utility of Multipolar Electrogram Mapping in Scar-Related Ventricular Tachycardia	114
	Speaker : Koji Higuchi (Cardiac Electrophysiology & Pacing Section, Cleveland Clinic, USA)	
O23-3	Anatomical Approach from the Coronary Sinus of Valsalva for Para-Hisian Premature Ventricular Contractions: Safety and Outcomes	114
	Speaker : Koji Higuchi (Cardiac Electrophysiology & Pacing Section, Cleveland Clinic, USA)	
O23-4	Wall Thickness Changes on Cardiac Computed Tomography as a Target for Postinfarction Ventricular Tachycardia Ablation	115
	Speaker : Haruka Matsuura (National Cerebral and Cardiovascular Center)	

- O23-5 Outcomes of Ventricular Tachycardia Ablation Stratified by Ejection Fraction: A Propensity-Matched Analysis 115
 Speaker : Abhishek Maan (University of Toledo, Ohio)
- O23-6 Association of mechanical circulatory support requirement with clinical outcomes in patients undergoing ventricular tachycardia ablation: A Nationwide Inpatient Sample Analysis 116
 Speaker : Nahush Bansal (University of Toledo, USA)

Oral Presentation 24

Clinical Studies (AF related)

13:20-14:30

Moderator : Helmut Purerfellner (Ordensklinikum Linz Elisabethinen, Linz, Austria/Europe)

Moderator : Taku Asano (Division of Cardiology, Department of Medicine, Showa Medical University School of Medicine)

- O24-1 Atrial Fibrillation Subtypes and Prognosis in Heart Failure: Insights Across Left Ventricular Ejection Fraction. 117
 Speaker : Kei Kawakami (Department of Cardiovascular Medicine, Faculty of Medicine and Graduate School of Medicine, Hokkaido University)
- O24-2 Impact of Pre-ablation Direct Current Cardioversion on Post-ablation Outcomes of Persistent Atrial Fibrillation Radiofrequency Catheter Ablation: A Single-Center, Retrospective Cohort Study 118
 Speaker : Ge Gao (Second Affiliated Hospital of Xi'an Jiaotong University)
- O24-3 Prevalence and Clinical Associations of Atrial Fibrillation in Transfusion-Dependent Beta-Thalassemia Patients in Oman 118
 Speaker : Mohamed Al Rawahi (Sultan Qaboos University Hospital, University Medical City, Oman/National Heart Center, Royal Hospital, Oman/Oman Medical Specialty Board, Oman)
- O24-4 Reducing device exchanges improves efficiency and predictability of pulsed field ablation procedures in clinical practice: insights from the DISRUPT-AF registry 119
 Speaker : Amin Al-Ahmad (St. Davids Medical Center, Austin, Texas, USA)
- O24-5 Paradoxical effects of low body mass index on long-term outcomes following atrial fibrillation ablation: Lower late arrhythmia recurrence but poorer prognosis 119
 Speaker : Noriyuki Kobayashi (Osaka Rosai Hospital, Japan)
- O24-6 Development of the Anatomical and Electrical-Based Cardiac Atrial Remodeling-Navigated Assessment Score (KARNA-AF Score) for Predicting Postoperative Atrial Fibrillation: A Systematic Review and Meta-Analysis 120
 Speaker : Gusti Ngurah Prana Jagannatha (Department of Cardiology and Vascular Medicine, Udayana University/ Prof. dr. I.G.N.G Ngoerah General Hospital, Denpasar, Bali, Indonesia)

Oral Presentation 25

深層のアブレーション

14:40-15:50

座長 : 平尾 見三 (AOI 国際病院)

座長 : 稲葉 理 (さいたま赤十字病院)

ディスカッサー : 河野 裕之 (小倉記念病院)

- O25-1 Bipolar Radiofrequency Ablation for Refractory Ventricular Tachycardia in Non-Ischemic Cardiomyopathy: A Single-Center Experience 121
 黒田 真衣子 (小倉記念病院循環器内科)
- O25-2 Efficacy of Low-power Long-duration Radiofrequency Ablation for Ventricular Arrhythmias Originating from the Left Ventricular Summit 122
 増田 拓郎 (岡山大学病院循環器内科)
- O25-3 Temperature-Controlled Bipolar Radiofrequency Ablation Guided by an Inter-Electrode Distance-Derived Ablation Index: Integration of Ex Vivo Findings and Clinical Outcomes 122
 稲葉 理 (さいたま赤十字病院循環器内科)
- O25-4 High Output Pace Mapping on the Right Coronary Cusp to Avoid Atrioventricular Conduction Injury in a Patient with an RCC-ventricular arrhythmia 123
 原 聡史 (土浦協同病院循環器内科)
- O25-5 Efficacy of VOM ethanol infusion for persistent atrial fibrillation refractory to radiofrequency catheter ablation 123
 川口 直彦 (横須賀共済病院循環器センター内科)

O25-6	Initial Clinical Experience of Pulsed Field Ablation for Radiofrequency-Resistant Ventricular Arrhythmias	124
横山 正明 (東京慈恵会医科大学附属柏病院/Hôpital Cardiologique du Haut-Lévêque, CHU de Bordeaux, L' Institut de RYthmologie et modélisation Cardiaque (LIRYC), Université de Bordeaux, Bordeaux, France/東京慈恵会医科大学)		

Room 16 | カハラホテル&リゾート 1F Grand Ball Room A

Oral Presentation 26		
AF Others 2		8:30-9:40

Moderator : Koji Kumagai (Department of Cardiovascular Medicine, Tohoku Medical and Pharmaceutical University)
 Discussor : Yosuke Hayashi (Sakakibara Heart Institute)

O26-1	Beyond Pulmonary Veins: Ablation Trends and Targets with a Novel Flexible-Tip Dual-Energy PF/RF Ablation Catheter	125
Speaker : Prashanthan Sanders (The Royal Adelaide Hospital, Adelaide, SA, Australia)		
O26-2	Comparative analysis of hemolysis and myocardial injury across the three different pulsed field ablation systems	126
Speaker : Hiroyuki Miyazawa (Nagoya University, Department of Cardiology, Japan)		
O26-3	Impact of Age and Diagnosis-to-Ablation Time on Sex Differences in 12-Month Outcomes After Catheter Ablation for Atrial Fibrillation: An admIRE Subanalysis	127
Speaker : Devi Nair (admIRE Trial Investigators, USA)		
O26-4	Comparison of the HEMOLysis for the Pulsed Field Ablation (HEMO-PFA study)	127
Speaker : Kazuhisa Matsumoto (Saitama Medical University, International Medical Center)		
O26-5	Management of atrial fibrillation in patients with transthyretin cardiac amyloidosis	128
Speaker : Daisuke Yakabe (Kyushu University, Japan/Kyushu Medical Center)		

Oral Presentation 27		
AF Others 3		9:50-11:10

座長 : 田中 泰章 (横須賀共済病院)
 ディスカッサー : 後藤 貢士 (深谷赤十字病院)

O27-1	Investigation of unexpected superior vena cava isolation after pulsed field ablation of the right superior pulmonary vein	129
小野寺 康介 (仙台厚生病院不整脈科)		
O27-2	Evaluation of FARAPULSE Ablation of the Pulmonary Vein Carina for Pulmonary Vein Isolation	130
水谷 吉晶 (市立四日市病院)		
O27-3	Unexpected Electrophysiological Effects During Pulse Field Ablation for Atrial Fibrillation	130
高橋 健太 (東京ハートリズムクリニック循環器内科)		
O27-4	The Effects of Pulsed Field Ablation to Pulmonary Veins on the Superior Vena Cava Electrograms	131
益城 惇 (亀田総合病院循環器内科)		
O27-5	Near-zero Fluoroscopy Pulmonary Vein Isolation Using PulseSelec Pulsed Field Ablation: Feasibility and Safety in Consecutive 20 Cases	131
山下 賢之介 (仙台厚生病院不整脈科)		
O27-6	Feasibility of a 90-Watt/3-Second RF Application for Superior Vena Cava Isolation	132
金城 貴士 (福島県立医科大学循環器内科学講座)		
O27-7	Efficacy and feasibility of catheter ablation for atrial fibrillation in older patients with heart failure: Insights from a large-scale multicenter cryoablation study	132
宮澤 宏幸 (名古屋大学循環器内科)		

Room 17 | パシフィコ横浜アネックスホール 2F F201

Oral Presentation 28

デバイス諸問題 2

8:30-9:40

座長：遠田 賢治（北斗病院循環器内科）
 座長：須賀 幾（医療法人 須賀医院 / 須賀医院駅前ハートクリニック）
 ディスカッサー：長谷川 瞬（東京女子医科大学病院）

- O28-1 Initial experiences of atrial leadless pacemaker in Japanese patients 133
 Ryuki Chatani (Kurashiki Central Hospital)
- O28-2 Efficacy and safety of transvenous AAI pacing in combination with leadless ventricular pacing. 134
 兵庫 隆司（大阪けいさつ病院循環器内科）
- O28-3 Early experience of AVEIR DR and the challenge for battery longevity: Optimizing AV Delay to Improve i2i Communication 134
 塩澤 知之（順天堂大学医学部附属静岡病院循環器内科）
- O28-4 Preoperative Predictor of P-wave Amplitude from the Sensing Vector of Extravascular Implantable Fibrillator 135
 西川 侑成（千葉大学大学院医学研究院循環器内科学）
- O28-5 Characteristics of local electrograms and P-wave morphology changes in Bachmann's bundle pacing 135
 吉本 大祐（豊橋ハートセンター循環器内科）
- O28-6 Left Ventricular Reverse Remodeling after Cardiac Sympathetic Denervation for refractory Ventricular Tachycardia: A Report of Two Cases 136
 三樹 祐子（東京医科大学八王子医療センター循環器内科）

Room 20 | パシフィコ横浜アネックスホール 2F F204

Oral Presentation 29

VT & SCD 2

14:40-15:50

Moderator : Kenichi Hashimoto (National Defense Medical College)
 Moderator : Kenji Yodogawa (Nippon Medical School)

- O29-1 Incidence and Predictive Roles of NYHA Class and QT Interval for Sudden Cardiac Death in Heart Failure with Preserved Ejection Fraction 137
 Speaker : Yoshihiro Sobue (Department of Cardiology, Fujita Health University Bantane Hospital, Japan)
- O29-2 New-onset anemia and its association with ventricular arrhythmias and sudden cardiac death in patients with heart failure with preserved ejection fraction 138
 Speaker : Tomohiro Ito (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Japan)
- O29-3 Incidence of Ventricular Arrhythmias in Patients with Wild-Type Transthyretin Cardiac Amyloidosis 138
 Speaker : Minako Ohara (Department of CardioRenal CerebroVascular Medicine, Faculty of Medicine, Kagawa University, Japan)
- O29-4 Plasma Proteomics-Based Risk Stratification for Sudden Cardiac Death in Hypertrophic Cardiomyopathy Patients 139
 Speaker : Tianxin Long (Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China)
- O29-5 Prognostic Role of Genotype on Malignant Ventricular Arrhythmias in Arrhythmogenic Cardiomyopathy: Results from a National cohort registry 139
 Speaker : Zhongli Chen (State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, National Center for Cardiovascular Disease, Chinese Academy of Medical Sciences and Peking Union Medical College)
- O29-6 Feasibility of ventricular arrhythmia site of origin localization by a novel solid state magnetocardiography system and electrocardiographic imaging. 140
 Speaker : Albert J Rogers (Division of Cardiovascular Medicine, Department of Medicine, Stanford University, USA)

11月15日 (土)

第4日目

Room 7 | パシフィコ横浜ノース 3F G316 + G317

Oral Presentation 30

Inherited Arrhythmia

15:40-16:50

Moderator : Sit Yee Kwok

Moderator : Takeru Makiyama (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine)

- O30-1 QT Interval Variability Across Physiological Conditions: Reconsidering Holter ECG Assessment in Comparison with Standard 12-Lead ECG** 141
 Speaker : Masao Yoshinaga (NHO Kagoshima Medical Center, Japan/Orange Medical and Welfare Center for Severe Motor and Intellectual Disabilities, Japan)
- O30-2 Catecholaminergic polymorphic ventricular tachycardia-like phenotype in a patient harboring an RBM20-I536T variant** 142
 Speaker : Tadashi Nakajima (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Japan)
- O30-3 Outcomes after switching from quinidine to other drugs in patients with Brugada syndrome** 142
 Speaker : Shota Tsukamoto (Harima-Himeji General Medical Center, Japan)
- O30-4 Clinical outcomes in patients with congenital long QT syndrome from a tertiary care center in India** 143
 Speaker : Souvik Sardar (All India Institute Of Medical Sciences Delhi)
- O30-5 Risk Stratification of Elderly Patients with Brugada syndrome: Results from a Large Japanese Cohort of Idiopathic Ventricular Fibrillation** 143
 Speaker : Tetsuji Shinohara (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Japan)
- O30-6 Long Term Outcomes of Cardiac Sympathetic Denervation Surgery in Patients with Long QT Syndrome: Korea Single-center Prospective Study** 144
 Speaker : Jong Sung Park (Kyungpook National University Hospital)

Room 8 | パシフィコ横浜ノース 3F G318 + G319

Oral Presentation 31

Lead Extraction

14:20-15:30

Moderator : Takatsugu Kajiyama (Department of Advanced Arrhythmia Bioengineering, Chiba University Graduate School of Medicine)

Moderator : Hitoshi Minamiguchi (Cardiovascular Division, Osaka Keisatsu Hospital)

- O31-1 Transvenous Lead Extraction of Abandoned vs Functional Leads: A Systematic Review and Meta-analysis of Procedural and Long-term Clinical Outcomes** 145
 Speaker : Karanjeet S Chauhan (Department of Cardiology, Royal Melbourne Hospital, Victoria, Australia/Department of Medicine, University of Melbourne, Victoria, Australia/Department of Medicine, Monash University, Victoria, Australia)
- O31-2 To Extract or Abandon? That is the Question - A Systematic Review & Meta-Analysis of Transvenous Lead Extraction vs. Abandonment of Non-Infected, Superfluous Leads** 146
 Speaker : Karanjeet S Chauhan (Department of Cardiology, Royal Melbourne Hospital, Victoria, Australia/Department of Medicine, University of Melbourne, Victoria, Australia/Department of Medicine, Monash University, Victoria, Australia)
- O31-3 Outcomes and Techniques in the Extraction of CIED Leads Less than Five Years Old: A Single Center Experience** 146
 Speaker : Rohit Mehta (Advocate Health- The Sanger Clinic)
- O31-4 Utilization of Transvenous Lead Extraction for Cardiac Implantable Electronic Device Infection is Increasing, But Still Insufficient: Japanese Registry of All Cardiac and Vascular Diseases Analysis** 147
 Speaker : Koji Fukuzawa (Section of Arrhythmia, Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Japan/Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe, Japan)

O31-5	演題は取り下げられました	147
O31-6	Optimal Lead Extraction Preparation of a Lumenless Defibrillation Lead	148
	Speaker : Blandine Mondésert (Montréal Heart Institute)	
Oral Presentation 32 Leadless Pacemaker 2		15:40-16:50
座長：浅野 拓（昭和医科大学医学部内科学講座循環器内科学部門） 座長：中村 健太郎（公益財団法人結核予防会新山手病院 循環器センター） ディスカッサー：嘉澤 脩一郎（東京医科大学八王子医療センター）		
O32-1	Pre-mapping impedance is the best predictor of excellent capture threshold during the chronic phase in helix-fixation leadless pacemaker implantation	149
	桜井 卓（Jcho 中京病院循環器内科）	
O32-2	Expanding Indications and Clinical Challenges of Leadless Pacemakers	150
	矢野 健介（東邦大学医学部内科学講座循環器内科学分野）	
O32-3	Clinical Impact of Leadless Pacemaker Implantation on Tricuspid Regurgitation	150
	南口 仁（大阪けいさつ病院循環器内科）	
O32-4	Significance of initial impedance immediately after deployment of the Micra leadless pacemaker	151
	田坂 浩嗣（倉敷中央病院循環器内科）	

Room 9 | パシフィコ横浜ノース 4F G401+G402

Oral Presentation 33 AF (Except for ablation; drug therapy, etc.)		15:40-16:50
Moderator : Yutao Guo Moderator : Yasuko Tanabe (Asahikawa Medical University, Department of Internal Medicine, Division of Cardiology and Nephrology)		
O33-1	Colchicine in Prevention of Post Operative Thoracic Surgery Atrial Fibrillation: A Systematic Review and Meta Analysis	152
	Speaker : Jacqueline Crisostomo (St. Luke's Medical Center - Global City)	
O33-2	Catheter Ablation vs. Antiarrhythmic Drugs for Atrial Fibrillation: A Meta-Analysis of Safety Outcomes in Randomised Trials	153
	Speaker : Marwan Shawki (Department of Cardiology, Austin Health, Australia/University of Melbourne, Australia)	
O33-3	Risk of Atrial Fibrillation in Patients Taking Cardiac Myosin Inhibitors for Hypertrophic Cardiomyopathy: A Meta-Analysis	153
	Speaker : Thalys Sampaio Rodrigues (Department of Cardiology, Austin Health, VIC, Australia/Department of Medicine, University of Melbourne, VIC, Australia)	
O33-4	Atrial fibrillation and COVID-19 as risk modifiers in heart failure with reduced ejection fraction: a retrospective study.	154
	Speaker : Yeldana Absamatova (Heart Rhythm Research Institute, Astana Medical University, Kazakhstan)	
O33-5	Colchicine after atrial fibrillation ablation: a systematic review and meta-analysis of AF recurrence and Pericarditis	154
	Speaker : Abhishek Maan (University of Toledo, Ohio, USA)	
O33-6	Cognitive Function and Comprehensive Risk Factor Management in Atrial Fibrillation (C-RAFT study)	155
	Speaker : Rajiv Mahajan (Lyell McEwin Hospital, Elizabeth Vale, South Australia/University of Adelaide, Adelaide, Australia)	

Room 10 | パシフィコ横浜ノース 4F G403

Oral Presentation 34

PFA 4

8:30-9:40

座長：小堀 敦志（神戸市立医療センター中央市民病院）
 座長：吉賀 康裕（山口大学大学院医学系研究科器官病態内科学）
 ディスカッサー：佐藤 秀範（東京慈恵会医科大学附属病院）
 ディスカッサー：上田 暢彦（国立循環器病研究センター）

- O34-1 Comparison of Autonomic Nervous System Response After Pulsed Field and Radiofrequency Ablation for Paroxysmal Atrial Fibrillation 156
 館 将也（豊田厚生病院循環器内科）
- O34-2 Improvement of Exercise Capacity after Catheter Ablation for Atrial Fibrillation in Patients with Heart Failure 157
 武 寛（心臓病センター榊原病院循環器内科）
- O34-3 Comparative Analysis of Hemolytic and Renal Biochemical Responses among Three Pulsed Field Ablation Systems in Atrial Fibrillation: A Single-Center Study 157
 日山 芽維（弘前大学大学院医学研究科循環器腎臓内科学講座）
- O34-4 Procedural and Clinical Characteristics of Catheter Ablation for Atrial Fibrillation in Patients with Sick Sinus Syndrome 158
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Oral Presentation 35

LAAC

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Moderator : Shu Zhang
 Moderator : Shigeki Kusa (Tsuchiura Kyodo Hospital)

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 Speaker : Karen Phillips (The Brisbane AF Clinic, Greenslopes Private Hospital, Greenslopes, Brisbane, Australia)
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- O35-3 Changes in Left Atrial Appendage Ostial Diameters During Left Atrial Appendage Closure : Implications for the Device Size Selection 161
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- O35-4 Clinical Outcomes of Percutaneous Left Atrial Appendage Occlusion Following Catheter Ablation in Patients with Atrial Fibrillation 162
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 Speaker : Takayuki Kitai (Sapporo Cardio Vascular Clinic, Japan)
- O35-6 Evaluation of Concomitant Pulsed Field Ablation and Left Atrial Appendage Closure for the Management of Atrial Fibrillation: Rationale and Design of the OPTION-A Study 163
 Speaker : Satomi Kazuhiro (Tokyo Medical University Hospital, Japan)

Room 12 | パシフィコ横浜ノース 4F G414 + G415

Oral Presentation 36

VT2

8:30-9:40

Moderator : B.Hygriv Rao
 Moderator : Masaaki Kurata (Showa Medical University Fujigaoka Hospital)
 Moderator : Daisuke Yakabe (Kyushu University, Japan)

- O36-1 Identification of Conduction Block Zones in Scar-Related Ventricular Tachycardia Using Peak Frequency Mapping and Three-dimensional Cardiac Imaging: A Retrospective Two-Center Study 164
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- O36-2 Outcomes of Catheter Ablation for Ventricular Tachycardia in Patients with Cardiac Sarcoidosis: Meta Analysis 165
 Speaker : Abhishek Maan (University of Toledo, Ohio, USA)
- O36-3 Clinical Characteristics and Prognosis of Patients Undergoing Repeat Catheter Ablation for Ventricular Tachycardia 166
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- O36-5 Novel and Simple Electrocardiogram Algorithm for Predicting Right sided Outflow Tract Ventricular Arrhythmias with Left bundle branch block morphology 167
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- O36-6 Catheter Ablation of Ventricular Tachycardia with ECMO Support in High-Risk Patients with Hemodynamic Instability 168
 Speaker : Vitalii Shabanov (E. Meshalkin national medical research center of the ministry of health of the Russian Federation)

Oral Presentation 37

Physiological Pacing

13:00-14:10

Moderator : Junji Morita (Sapporo Cardiovascular Clinic)

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 Speaker : Zhaohui Qiu (Tongren Hospital Shanghai Jiao Tong University School Of Medicine)
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- O37-4 Impact of gated myocardial perfusion imaging for prediction of cardiac resynchronization therapy non-responders with left bundle branch block 171
 Speaker : Takuya Nishimura (National Cerebral and Cardiovascular Center, Japan)
- O37-5 Long PR Interval Leads to Worsening Atrial Function and Inducible Atrial Fibrillation in Swine 171
 Speaker : Shohei Kataoka (Section of Cardiac Electrophysiology, University of California-San Francisco, USA)
- O37-6 Redefining Left Bundle Branch Block from High-density Electroanatomical Mapping 172
 Speaker : Jing Wang (The first department of cardiology, the First Affiliated Hospital of Kunming Medical University, Kunming, Yunnan, China)

Oral Presentation 38

AF (RF)

14:20-15:30

Moderator : Masaomi Kimura (Hirosaki University Graduate School of Medicine, Advanced Management of Cardiac Arrhythmias)
 Moderator : Mitsuharu Kawamura (Makita General Hospital)

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Oral Presentation 39

PFA 5

15:40-16:50

座長：岡田 綾子（信州大学付属病院循環器内科）
 座長：山内 康熙（横浜市立みなと赤十字病院）
 ディスカッサー：大瀬戸 宏綱（東京慈恵会医科大学葛飾医療センター循環器内科）
 ディスカッサー：杉野 亜矢子（大阪労災病院）

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Room 13 | パシフィコ横浜ノース 4F G416 + G417

Oral Presentation 40

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8:30-9:40

Moderator : Yoshinao Yazaki (Tokyo Medical University Hospital)
 Discussor : Naoharu Yagi (The Cardiovascular Institute)

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	Speaker : Kodai Shinzato (Department of Cardiovascular Medicine, Saga University, Saga, Japan)	

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Oral Presentation 41

PFA 6

13:00-14:10

座長：古山 准二郎（済生会熊本病院心臓血管センター）
 座長：吉田 幸彦（日本赤十字社愛知医療センター名古屋第二病院）
 ディスカッサー：中島 健三郎（国立循環器病研究センター）
 ディスカッサー：篠田 康俊（筑波大学附属病院）

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AF Others 5

14:20-15:30

座長：桑原 大志（東京ハートリズムクリニック）
 座長：永田 恭敏（武蔵野赤十字病院）
 ディスカッサー：岸原 淳（北里大学医学部循環器内科学）

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	小田 優香（東京心臓不整脈病院循環器内科）	

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Room 14 | パシフィコ横浜ノース 4F G418 + G419

Oral Presentation 43

Basic Others 2

8:30-9:40

Moderator : Ling Kuo (Taipei Veterans General Hospital)

Moderator : Takashi Kaneshiro (Department of Cardiovascular Medicine, Fukushima Medical University)

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	Speaker : Toyokazu Otsubo (Department of Cardiovascular Medicine, Saga University, Saga, Japan/Division of Cardiology, Saga-ken Medical Centre Koseikan, Saga, Japan)	
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	Speaker : Neal Duong (University of Minnesota - Visible Heart Laboratories)	
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	Speaker : Shu Yang (The First Affiliated Hospital with Nanjing Medical University, China/The Affiliated Taizhou People's Hospital of Nanjing Medical University, China)	

Oral Presentation 44

New Technology

9:50-11:00

Moderator : Shingo Sasaki (Department of Cardiology and Nephrology, Hirosaki University, Graduate School of Medicine)

Moderator : Nobuhiro Nishii (Department of Cardiovascular Therapeutics, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences)

Discussor : Kosuke Nakasuka (National Cerebral and Cardiovascular Center)

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	Speaker : Seongjin Park (Samsung Medical Center)	
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	Speaker : Mohd Khairi Othman (School of Medical Sciences, Universiti Sains Malaysia/Cardiology Department, Hospital Sultanah Bahiyah)	
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	Speaker : Joseph Y S Chan (Division of Cardiology, Department of Medicine and Therapeutics, Prince of Wales Hospital, The Chinese University of Hong Kong, Hong Kong SAR, China)	

- O44-6 Sensing and Detection Performance of the Novel, Small-diameter OmniaSecure Defibrillation Lead: LEADR Trial Analysis 200
 Speaker : Prashanthan Sanders (Centre for Heart Rhythm Disorders, University of Adelaide, Australia)

Room 15 | カハラホテル&リゾート 1F Grand Ball Room B

Oral Presentation 45

AF (Except for Ablation) 2 13:00-14:10

Moderator : Shingen Owada (Iwate Medical University)

Moderator : Shunsuke Uetake (Nippon Medical School Chiba-Hokusoh Hospital)

- O45-1 Importance of early detection of transthyretin amyloid cardiomyopathy using cardiac computed tomography and high-sensitive troponin T: usefulness of early diagnosis and treatment for atrial arrhythmias 201
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 Speaker : Sahara Kaul (University of Alberta, Canada)
- O45-3 Effect of hyperuricemia on predicting heart failure and thromboembolism in patients with non-valvular atrial fibrillation. The prospective analysis from the Hokuriku-Plus AF registry. 202
 Speaker : Toyonobu Tsuda (Ishikawa Prefectural Central Hospital, Japan)
- O45-4 The Current and Future Total Health Care Costs of Atrial Fibrillation 203
 Speaker : Roopinder Sandhu (Libin Cardiovascular Institute, University of Calgary, Canada/Canadian VIGOUR Centre, University of Alberta, Canada)
- O45-5 演題は取り下げられました 203
- O45-6 Change in AI-Based Atrial Fibrillation Risk Classification Among Health Screening Participants: Implications for Follow-Up Strategy 204
 Speaker : Mayumi Masumura (Shizuoka City Shimizu Hospital)

Oral Presentation 46

Basic Others 1 14:20-15:30

Moderator : Choi Jong-Il (Korea University College of Medicine and Korea University Hospital)

Moderator : Masatoshi Yamazaki (Nagano Hospital / The University of Tokyo)

- O46-1 Cardiac-Targeting Peptide-Modified Polymeric Nanoparticles Encapsulated within pH-responsive Hydrogel Microspheres for the Treatment of Atrial Fibrillation 205
 Speaker : Xiaofeng Peng (State Key Laboratory of Digital Medical Engineering, School of Biological Science and Medical Engineering, Southeast University, China/Department of Cardiology, The First Affiliated Hospital with Nanjing Medical University, China)
- O46-2 Analysis of the correlation between helper T-lymphocyte subsets and atrial fibrillation: An observational and Mendelian randomization study 206
 Speaker : Jiahui Li (Second Hospital of Shanxi Medical University)
- O46-3 Exploration of Oxidative Stress and Inflammation Mechanisms in Osimertinib-Induced Atrial Fibrillation in Mice and the Preventive Effects of Statin 206
 Speaker : Jiaqi Liang (Department of Cardiovascular Medicine, The Second Affiliated Hospital of Xi'an Jiaotong University, China)
- O46-4 SGLT2 inhibitors suppress atrial fibrillation by regulating macrophage-mediated inflammation and fibrosis in mice 207
 Speaker : Satoshi Iwamiya (Institute of Science Tokyo, Japan)
- O46-5 Secretomes from human epicardial adipose tissue induce metabolomic dysfunction in human lymphatic endothelial cells. 207
 Speaker : Masaki Takahashi (Oita University, Japan)
- O46-6 Experimental Investigation of Myocardial Hypoxia Markers and Arrhythmogenicity in Hemorrhagic Shock by Optical Mapping Analysis 208
 Speaker : Bonpei Takase (Department of Intensive Care Medicine, National Defense Medical College, Japan/Division of Cardiology, Iruma Heart Hospital)

Room 16 | カハラホテル&リゾート 1F Grand Ball Room A

Oral Presentation 47

AF Others 6

8:30-9:40

Moderator : Shiro Nakahara (Dokkyo Medical University Saitama Medical Center)
 Moderator : Satoshi Shizuta (Japanese Red Cross Wakayama Medical Center)
 Discussor : Eiichiro Oka (Nippon Medical School Musashikosugi Hospital)

- O47-1 The utility of combining MFS and BNP for predicting arrhythmia recurrence after catheter ablation for atrial fibrillation 209
 Speaker : Kyoko Koyama (Yamagata University Hospital, Japan)
- O47-2 Gender differences in baseline clinical profiles and long-term left ventricular function of hospitalized atrial fibrillation patients with catheter ablation 210
 Speaker : Hao Su (Department of Cardiology, The First Affiliated Hospital of USTC, Division of Life Science and Medicine, University of Science and Technology of China)
- O47-3 A new scoring system for predicting recurrence after nonparoxysmal atrial fibrillation ablation in patients without left atrial low voltage area 210
 Speaker : Kei Hirota (Department of Cardiology and Clinical Examination, Oita University, Japan)
- O47-4 Prevention of atrial fibrillation recurrence with intravenous vitamin C during catheter ablation - a long-term follow up 211
 Speaker : Aiju Tian (National Clinical Medical Research Center for Cardiovascular Diseases, Cardiac Arrhythmia Center, National Center for Cardiovascular Diseases and Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College)
- O47-5 Type of Atrial Fibrillation Recurrence and Risk of Heart Failure Hospitalization After Catheter Ablation 211
 Speaker : Masato Okada (Sakurabashi Watanabe Advanced Healthcare Hospital, Japan)
- O47-6 Does Posterior Wall Isolation Impair Left Atrial Function in Atrial Fibrillation Ablation? 212
 Speaker : Yukihiro Inamura (Japanese Red Cross Saitama Hospital, Japan)

Oral Presentation 48

AF Others 7

9:50-11:00

座長 : 北條 林太郎 (東京都立広尾病院)
 座長 : 前田 真吾 (麻布十番T Tハートクリニック)
 ディスカッサー : 鈴木 啓資 (仙台市立病院循環器内科)
 ディスカッサー : 岩佐 篤 (新東京病院心臓内科)

- O48-1 The clinical value of the angle between the great cardiac vein and vein of Marshall to predict epicardial connection after vein of Marshall ethanol infusion 213
 小林 祐太 (山形大学医学部第一内科)
- O48-2 Activation Mapping During Vein of Marshall Pacing Predicts Low-Voltage Areas Induced by Ethanol Infusion 214
 中谷 洋介 (群馬大学大学院医学系研究科不整脈非薬物治療研究講座)
- O48-3 Recurrent atrial tachyarrhythmias after ethanol infusion for vein of Marshall: clinical considerations for repeat procedures 214
 Masahiro Mizobuchi (Cardiovascular center, Kyoto-Katsura Hospital)
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 石橋 直樹 (広島大学大学院 医系科学研究科 循環器内科学)

Oral Presentation 49

Basic (AF)

13:00-14:10

Moderator : Yukiomi Tsuji (Department of Cardiovascular Research and Innovation, Nagoya University Graduate School of Medicine)

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	Speaker : Moizle Grace Ocariza (Christchurch Heart Institute, Department of Medicine, University of Otago, Christchurch, New Zealand)	
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	Speaker : Yu-Chen Feng (School of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan)	
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	Speaker : Xander Wehrens (Baylor College of Medicine)	
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	Speaker : Moizle Grace Ocariza (Christchurch Heart Institute, Department of Medicine, University of Otago, Christchurch, New Zealand)	
O49-5	Single-Cell TCR Profiling Reveals Clonal Expansion of T Cells and the Mechanisms of Immune-Mediated Atrial Remodeling in Atrial Fibrillation	219
	Speaker : Mitsuhiro Shoda (Kobe university, japan)	
O49-6	Genetic Predisposition to Alcohol Metabolism and the Risk of Incident Atrial Fibrillation: A Prospective Cohort Study in the UK Biobank	220
	Speaker : Jae-Hyun Kim (Department of Internal Medicine, Seoul National University Hospital, Seoul, Republic of Korea)	

Room 17 | パシフィコ横浜アネックスホール 2F F201

Oral Presentation 50

CSP 2

13:00-14:10

Moderator : Hiroyuki Kato (JCHO Chukyo Hospital)
 Moderator : Yuichiro Sakamoto (Toyohashi Heart Center, Cardiovascular medicine)
 Discussor : Masafumi Shimojo (Nagoya University Graduate School of Medicine)

O50-1	Impact of Left bundle branch area pacing on structural remodeling and global longitudinal strain in heart failure with reduced left ventricle ejection fraction.	221
	Speaker : Yerlan Turubayev (University Medical Center, Kazakhstan)	
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O50-3	Correlation of Electrocardiographic Criteria for Left Bundle Branch Block with the Efficacy of Left Bundle Branch Area Pacing in Heart Failure Patients	222
	Speaker : Hao Huang (Cardiac Arrhythmia Center, National Center for Cardiovascular Diseases, State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College)	
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	Speaker : Nikita P Toding Labi (Faculty of Medicine, Sam Ratulangi University, Indonesia)	
O50-5	Poor correlation between unipolar impedance through the PSA and the IPG during LBBAP using stylet-driven leads	223
	Speaker : Ajit Thachil (Lisie Heart Institute, Kochi, Kerala, India)	
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	Speaker : Yerlan Turubayev (University Medical Center, Kazakhstan)	

11月15日 (土)

第4日目

Room 17 | パシフィコ横浜アネックスホール 2F F201

Oral Presentation 51

CRT

14:20-15:30

Moderator : Wei Hua (Fu Wai Hospital, CAMS, Beijing, China)

Moderator : Yoshinari Enomoto (National Center for Global Health and Medicine, Japan Institute for Health Security)

Moderator : Daigo Yagishita (Tokyo Women's Medical University)

- O51-1 Cardiac Remodeling, Hemodynamic Changes, and Functional Outcomes of Rate Adaptive Atrial Pacing in Heart Failure with Preserved Ejection Fraction: A Systematic Review and Meta-Analysis** 6
 Speaker : Gusti Ngurah Prana Jagannatha (Department of Cardiology and Vascular Medicine, Udayana University/ Prof. dr. I.G.N.G Ngoerah General Hospital, Denpasar, Bali, Indonesia)
- O51-2 Clinical efficacy of optimized cardiac resynchronization therapy in patients with heart failure and atrioventricular block** 7
 Speaker : Hao Su (Department of Cardiology, The First Affiliated Hospital of USTC, Division of Life Science and Medicine, University of Science and Technology of China)
- O51-3 演題は取り下げられました** 7
- O51-4 Effectiveness of the HeartInsight System in Predicting Heart Failure Rehospitalization in Japanese Patients with Severe Heart Failure** 8
 Speaker : Rei Kuji (Cardiology, Kokura Memorial Hospital, Japan)
- O51-5 Effectiveness of the HeartInsight System in Predicting Worsening Heart Failure in Japanese Patients** 8
 Speaker : Yukiko Takanashi (Chiba University Graduate School of Medicine Department of Cardiovascular Medicine, Japan)
- O51-6 Clinical implication of late-phase responder to cardiac resynchronization therapy** 9
 Speaker : Yui Kitami (Natal Cerebral and Cardiovascular Center, JAPAN)

Room 19 | パシフィコ横浜アネックスホール 2F F203

Oral Presentation 52

Diagnostic Technologies, Mapping, and Wearable

13:00-14:10

Chair : Mina Chung (Cleveland Clinic)

Chair : Takashi Ashihara (Shiga University of Medical Science)

Chair : Masaaki Yashima (Nippon Medical School)

- O52-1 Ventricular activation assessment using noninvasive CT-based 12-lead ECG mapping in left bundle branch pacing patients** 10
 Speaker : Maxim Gorev (Moscow city clinical hospital #52)
- O52-2 Mapping Indices for Source Depth Determination: Insights from a Computational Left Ventricular Summit Model** 11
 Speaker : Benjamin Wang (Melbourne Health)
- O52-3 The latest activation site of annulus by activation mapping: a new method to differentiate the origin in idiopathic premature ventricular contractions with septal earliest activation** 11
 Speaker : Yu Xia (State Key Laboratory of Cardiovascular Disease, Cardiac Arrhythmia Center, Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences and Peking Union Medical College)
- O52-4 Tailoring Electroanatomic Mapping Modes: Insights from the EP Device Registry** 12
 Speaker : Isabel Deisenhofer (Department of Electrophysiology, TUM University Hospital German Heart Center, Technical University of Munich (TUM), Munich, Germany)
- O52-5 The Impact of IHB burden and NT-proBNP on Left Atrial Remodeling Using a Home Blood Pressure Monitor in Patient with AF** 12
 Speaker : Hiroaki Watanabe (Jichi Medical University Hospital, Japan)

- O52-6 Comparative Analysis of Arrhythmia Detection and Clinical Outcomes in Asian and Non-Asian Populations Using Ambulatory Cardiac Monitoring** 13
 Speaker : Hiro Kawata (Peacehealth Sacred Heart Medical Center, Springfield, Oregon, USA)

Oral Presentation 53

PSVT

14:20-15:30

座長：福田 浩二（国際医療福祉大学病院）
 座長：白田 和生（富山県立中央病院）
 ディスカッサー：倉田 征昭（昭和大学藤が丘病院）
 ディスカッサー：安元 浩司（大阪労災病院）

- O53-1 Clinical impact of cryoablation targeting pivot point and high-frequency site on the basis of peak frequency annotation for treatment in typical atrioventricular nodal reentrant tachycardia** 14
 横山 恵理子（岡村記念病院循環器内科）
- O53-2 The Effect of Electrode Size on Mapping of Koch's Triangle in Patients with Atrioventricular Nodal Reentrant Tachycardia** 15
 坂井 拓海（広島大学医系科学研究科循環器内科学）
- O53-3 Comparative utility of OCTARAY and OPTRELL to detect the pivot point in patients with atrioventricular nodal reentrant tachycardia** 15
 長谷部 雄飛（東北医科薬科大学病院内科学第一（循環器内科））
- O53-4 Left Atrial Anterior Wall Reentrant Tachycardia: Electrophysiological Insights from a Case Series of Eight Patients** 16
 村上 慧（札幌心臓血管クリニック循環器内科）
- O53-5 Aberrant Conduction with Left Bundle Branch Block Pattern Revealed Oblique Accessory Pathway: A Case with Left Inferolateral Atrioventricular Accessory Pathway** 16
 新開 渉（北里大学医学部 循環器内科学）
- O53-6 Evaluation of successful local potentials in ablation for WPW syndrome using open window mapping.** 17
 竹内 幹人（心臓病センター榊原病院循環器内科）

Oral Presentation 54

PSVT / AT

15:40-16:50

座長：江島 浩一郎（みなみ野循環器病院）
 座長：三嶋 剛（NHO 大阪医療センター循環器内科）
 ディスカッサー：平田 脩（日本大学医学部附属板橋病院内科学系循環器内科学分野）

- O54-1 Association between Straight Back Syndrome and Non-Pulmonary Vein Related Atrial Tachyarrhythmias** 18
 Kaishi Otsuka (Department of Cardiovascular Medicine, Nagasaki University Hospital)
- O54-2 Detection of accessory pathway potential using LUMIPONT algorithm in Wolf-Parkinson-White syndrome** 19
 岩井 龍太郎（群馬大学医学部附属病院循環器内科）
- O54-3 Usefulness of Peak Frequency Annotation in Cavotricuspid Isthmus-Dependent Atrial Flutter Ablation** 19
 山中 真一（東北大学循環器内科）
- O54-4 EVALUATION OF THE UTILITY OF CTI ABLATION USING MAGNETIC SENSOR-EQUIPPED INTRACARDIAC ECHOCARDIOGRAPHY SOUNDSTAR® AND THE ANGLEPOISE LAMP TECHNIQUE** 20
 堤 勝彦（横浜市立大学附属市民総合医療センター心臓血管センター）
- O54-5 Characteristics of Atrial Fibrillation in Adult Patients with Repaired Tetralogy of Fallot** 21
 木野 旅人（横浜労災病院循環器内科）

Room 20 | パシフィコ横浜アネックスホール 2F F204

Oral Presentation 55

Anticoagulants

14:20-15:30

Moderator : Masaharu Akao (Kyoto Medical Center)

Moderator : Eitaro Kodani (Nippon Medical School Tama Nagayama Hospital)

- O55-1 COMPARATIVE ANALYSIS OF DIRECT FACTOR XA INHIBITORS VERSUS WARFARIN IN PATIENTS WITH ATRIAL FIBRILLATION WITH VALVULAR HEART DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS 22
 Speaker : Jessica Perez (University of the Philippines - Philippine General Hospital)
- O55-2 Feasibility of Predicting NOAC Adherence via AI Analysis of Standard 12-Lead ECGs 23
 Speaker : Seung Woo Lee (Department of Cardiology, Ewha Womans University Medical Center, College of Medicine, Republic of Korea)
- O55-3 Clinical course of nonagenarians with non-valvular atrial fibrillation (NVAf) taking direct oral anticoagulants (DOACs) 23
 Speaker : Mihoko Kawabata (AOI Universal Hospital, Japan)
- O55-4 The efficacy and safety of Anticoagulants in very elderly individuals with atrial fibrillation 24
 Speaker : Shintaro Miwa (Mitsui Memorial Hospital, Japan)
- O55-5 Oral Anticoagulant Use and the Risk of Septicemia in Persons with Prosthetic Joint Implant: A Territory-Wide Clinical Study 24
 Speaker : Yap Hang Chan (The University of Hong Kong)

11月13日 (木)

第2日目

Session Booth A | パシフィコ横浜ノース 1F G3~G8

Short Presentation 1

Heart Failure

9:50-11:00

Moderator : Hirohiko Suzuki (Japanese Red Cross, Aichi Medical Center, Nagoya Daini Hospital)

Moderator : Masaya Watanabe (Caress Memorial Hospital)

Discussor : Ken Terata (Akita University Graduate School of Medicine)

- S1-1 Shorter alert-free intervals predict increased heart failure hospitalization risk in patients with HeartLogic-enabled cardiac implantable electronic devices 7
Speaker : Joseph G Assad (Liverpool Hospital, Australia/University of New South Wales/Ingham Institute for Applied Medical Research)
- S1-2 HeartLogic scores at discharge predict heart failure readmission risk: a retrospective analysis of remote monitoring data 8
Speaker : Justin Tan (School of Clinical Medicine, University of New South Wales, Australia)
- S1-3 An observational descriptive study to determine factors affecting left atrial reservoir strain and its echocardiographic correlates in patients of heart failure requiring cardiac resynchronization therapy. 8
Speaker : Monu Rani (Sawai Man Singh Medical College and Hospital, Jaipur, Rajasthan, India)
- S1-4 Impact of permanent left bundle branch area pacing on functional mitral regurgitation in patients with CRT indications. 9
Speaker : Yerlan Turubayev (University Medical Center, Kazakhstan)
- S1-5 Autonomic Nervous System driven LV-only cardiac resynchronization therapy - 17 month performance 9
Speaker : Tran Thong (Hue University of Medicine and Pharmacy, Hue, Vietnam)
- S1-6 Early Results From a Pilot RCT of a Heartlogic-driven mHealth Pathway (NOTIFY-HF) for Early Heart Failure Intervention 10
Speaker : Joseph G Assad (Liverpool Hospital, Australia/University of New South Wales/Ingham Institute of Applied Medical Research)

Session Booth C | パシフィコ横浜ノース 1F G3~G8

Short Presentation 2

AF Others

8:30-10:00

座長 : 高見 充 (神戸大学大学院医学研究科循環器内科学分野)

座長 : 田中 宣暁 (桜橋渡辺未来医療病院)

ディスカッサー : 平田 脩 (日本大学医学部附属板橋病院内科学系循環器内科学分野)

ディスカッサー : 竹内 亮輔 (浜松赤十字病院)

- S2-1 Feasibility and Safety of High-Power Settings for Electrical Isolation of the Superior Vena Cava Using a Catheter Capable of Local Impedance and Contact Force Monitoring 11
川野 大輔 (埼玉医科大学国際医療センター)
- S2-2 Optimal Timing of Oral Anticoagulant Discontinuation and Prognosis After Successful Catheter Ablation for Atrial Fibrillation 12
岩脇 友哉 (名古屋大学大学院医学系研究科循環器内科学/JA 愛知厚生連 海南病院循環器内科)
- S2-3 The hidden benefits of rhythm control in silent persistent atrial fibrillation 12
藤澤 友輝 (愛媛大学医学系研究科循環器・呼吸器・腎高血圧内科学)
- S2-4 Clinical Utility of 3D-CT Derived Left Atrial Volume Assessment in Patients Undergoing Catheter Ablation for Atrial Fibrillation 13
鈴木 琢途 (東邦大学医学部内科学講座循環器内科学分野)
- S2-5 Comparison of the residual unipolar voltage following left atrial posterior wall isolation with radiofrequency and cryoballoon catheters for persistent atrial fibrillation 13
阪井 諭史 (奈良県総合医療センター循環器内科)

S2-6	Evaluating the Precision of Intra-Spline Bipolar Potentials with Pentaspline Pulsed Field Ablation Catheter	14
	神田 貴史 (大阪けいさつ病院循環器内科)	
S2-7	Deep Anesthesia Minimizes Dry Cough During Pulsed Field Ablation for Atrial Fibrillation	14
	本池 雄二 (藤田医科大学循環器内科学)	
S2-8	Impact of the Contact-Pressure based HotBalloon Ablation for Atrial Fibrillation	15
	植竹 俊介 (日本医科大学千葉北総病院循環器内科)	
S2-9	Short-term Outcomes of the Circle Array Pulse Field Ablation for Atrial Fibrillation	15
	水野 陽介 (仙台厚生病院不整脈科)	

Short Presentation 3

Device issues 10:10-11:00

Moderator : Akio Fukui (Division of Cardiovascular Medicine Yamagata Prefectural Central Hospital)

Moderator : Satoshi Yanagisawa (Department of Cardiology, Nagoya University Graduate School of Medicine)

S3-1	More improvement of the mental score by higher pacing rate in patients with sinus node dysfunction	16
	Speaker : Xingbin Liu (Department of Cardiology, West China Hospital, Sichuan University, Chengdu, Sichuan, China)	
S3-2	A new type of multi-electrode steerable-tip left ventricular biopsy forceps.	17
	Speaker : Pengkang He (Peking University First Hospital)	
S3-3	Erdheim-Chester Disease with Cardiac Involvement: When Conduction Disease Warrants More Than a Pacemaker	17
	Speaker : Mohamed Al Rawahi (Sultan Qaboos University Hospital, University Medical City, Oman/National Heart Center, Royal Hospital, Oman/Oman Medical Specialty Board, Oman)	
S3-4	Myocardial Fibrosis Predicts Sudden Cardiac Death in Patients with Hypertrophic Cardiomyopathy after Cardiac Electronic Device Implantation: Insights from Cardiovascular Magnetic Resonance Imaging	18
	Speaker : Juwei Yang (Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College,)	
S3-5	Primary Prevention Implantable Cardiac Defibrillators (ICD): Should criteria be revised?	18
	Speaker : Nathan Engstrom (Townsville University Hospital, Australia/College of Medicine and Dentistry, James Cook University, Australia)	

11月14日 (金)

第3日目

Session Booth C | パシフィコ横浜ノース 1F G3~G8

Short Presentation 4

Pediatric/Pacing issues

8:30-9:40

Moderator : Norishige Morita (Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital)

Moderator : Takanori Arimoto (Yamagata University School of Medicine)

- S4-1 Regional differences in patients recruited for ICD/CRT-D therapy across 15 countries from Africa, Middle East, Eastern Europe and CIS countries 19
 Speaker : Abdelhamid Moustaghfir (Jerrada Clinic Oasis, Casablanca, Morocco)
- S4-2 A Self-Expanding Fixation System for Atrial Leadless Pacemakers: Biomechanical Validation and Dual-Function Potential 20
 Speaker : Pao-Hsien Chu (Department of Cardiology, Chang Gung Memorial Hospital, Taiwan)
- S4-3 Initial experience of Aveir VR leadless pacemaker implantation in Kazakhstan 20
 Speaker : Abay Bakytzhanuly (Corporate Fund "University Medical Center")
- S4-4 Comparison of Device Pocket Antibiotic Irrigation versus Normal saline (no irrigation) for prophylactic infection prevention among the CIED Implanted patients : A Single center study 21
 Speaker : Mir Nesaruddin Ahmed (NATIONAL HEART FOUNDATION HOSPITAL & RESEARCH INSTITUTE)
- S4-5 Mid-term outcomes of left bundle branch area pacing upgrade in pediatric pacing-induced cardiomyopathy 21
 Speaker : Yerlan Turubayev (University Medical Center, Kazakhstan)
- S4-6 Implementation of left bundle branch area pacing in children 22
 Speaker : Yerlan Turubayev (University Medical Center, Kazakhstan)

11月15日 (土)

第4日目

Session Booth A | パシフィコ横浜ノース 1F G3~G8

Short Presentation 5

VT

14:20-15:30

Moderator : Takuro Nishimura (Institute of Science Tokyo)
 Moderator : Yoo Ri Kim
 Moderator : Akiko Ueda (Kyorin University School of Medicine, Japan)

- S5-1 **Emergency Ventricular Tachycardia Ablation in post-CABG Ventricular Tachycardia Storm. A single Centre Experience** 23
 Speaker : Mohd Asyiq A Raffali (Universiti Kebangsaan Malaysia)
- S5-2 **A Case Series of Epicardial Ventricular Tachycardia Ablation in Patients with Left Ventricular Clot.** 24
 Speaker : Mohd Asyiq A Raffali (Universiti Kebangsaan Malaysia)
- S5-3 **Comparative Outcomes of Substrate-Based and Conventional Mapping-Guided Ventricular Tachycardia Ablation: A Meta-Analysis** 24
 Speaker : Nikita P Toding Labi (Faculty of Medicine, Sam Ratulangi University, Indonesia)
- S5-4 **Combination of Cardiac MRI with Conventional 3D-EAM to Guide Catheter Ablation of Ventricular Arrhythmias in Structural Heart Disease: A Meta-Analysis** 25
 Speaker : Watsapon Chuanchai (Division of Cardiovascular Medicine, Center of Excellence in Arrhythmia Research, Cardiac Center, Faculty of Medicine, King Chulalongkorn Memorial Hospital, Chulalongkorn University, Bangkok, TH)
- S5-5 **Renal denervation as adjunctive therapy in patients with refractory ventricular electrical storm** 25
 Speaker : Guanghui Zhu (The First Affiliated Hospital of Xinjiang Medical University, China)
- S5-6 **Outcomes of Catheter Ablation for Ventricular Tachycardia in Patients with Cardiac Sarcoidosis: Meta Analysis** 26
 Speaker : Abhishek Maan (University of Toledo, Ohio)

Session Booth C | パシフィコ横浜ノース 1F G3~G8

Short Presentation 6

Others (Ablation)

8:30-9:40

Moderator : Stuart Thomas (Westmead Hospital and University of Sydney)
 Moderator : Takashi Tokano (Cardiology, Juntendo University Urayau Hospital)
 Moderator : Kennosuke Yamashita (Sendai Kosei Hospital)

- S6-1 **Outcomes of Zero-Fluoroscopy Procedures with the Volt PFA Catheter** 27
 Speaker : Sri Sundaram (South Denver Cardiology)
- S6-2 **演題は取り下げられました** 28
- S6-3 **Reduction and Stabilization of Fluoroscopy Time Using a 3D Roadmap System in Atrial Fibrillation Ablation** 28
 Speaker : Taiji Okada (Nippon Medical School Chiba Hokusoh Hospital, Japan)
- S6-4 **Acute efficacy, safety and short-term outcomes of pulsed field ablation vs radiofrequency ablation for cavotricuspid isthmus ablation in patients undergoing pulmonary vein isolation** 29
 Speaker : Julian Tay (National Heart Centre Singapore)
- S6-5 **Comparison of Acute Success Rate and Safety of Posterior Wall Isolation Using Three Pulsed Field Ablation Systems Available : Insights from the ADVANCED PFA Study** 30
 Speaker : Hirotooshi Nagae (Cardiovascular Medicine, Kobe City Medical Center General Hospital, Japan)
- S6-6 **Utility of Superior Vena Cava Isolation Using OT-NF Visualization of the SVC-RA Junction** 30
 Speaker : Kei Matsumoto (Saitama Medical University International Medical Center, Japan)

11月13日 (木)
第2日目

Room 14 | パシフィコ横浜ノース 4F G418 + G419

MP Oral Presentation 1

アブレーション 1

14:50-16:00

座長：安田 奈央（名古屋掖済会病院臨床工学部）
座長：志村 亜由香（日本医科大学付属病院）
ディスカッサー：寺田 健（秋田大学大学院医学系研究科）

- MPO1-1 PF アブレーションと RF アブレーションにおける手技時間と被ばく線量の比較 9
宮崎 勇輔（岐阜県総合医療センター中央放射線部）
- MPO1-2 高周波長時間通電による深部不整脈治療（通電法、焼灼効果、スチームポップ） 10
笠井 琢充（新潟大学大学院保健学研究科）
- MPO1-3 パルスフィールドアブレーション施行中の血漿遊離ヘモグロビン変化に関する前向き検討 10
早坂 朋佳（東北医科薬科大学病院臨床工学部）
- MPO1-4 PVC に対する CSI 機能の有用性 11
日野 友彰（大分大学医学部附属病院医療技術部 臨床工学・歯科部門）
- MPO1-5 多電極マッピングカテテルにより心外膜電位を捉え頻拍回路を同定した心房頻拍の一例 11
黒澤 和希（草加市立病院臨床工学科）
- MPO1-6 パルスフィールドアブレーションでペースメーカーの保護回路の作動が疑われた 1 例 12
柴田 信哉（公益財団法人 榊原記念財団 附属 榊原記念病院臨床工学科）

MP Oral Presentation 2

デバイス 1

17:30-18:40

座長：那須 敏裕（市立札幌病院臨床工学科）
ディスカッサー：金子 鎮二（豊田厚生病院）

- MPO2-1 Micra AV2 の Atrial Sensing Setup(ASS) と manual 設定の房室同期率の比較 13
川島 陸歩（草加市立病院臨床工学科）
- MPO2-2 CIEDs 遠隔モニタリング (RM) における患者および家族の理解度と満足度の関連性と支援的介入の有用性の検討 14
岡崎 徹（千葉ろうさい病院臨床工学部）
- MPO2-3 血管外植込み型除細動器植込み患者における術後の疼痛 14
鳴海 頌子（千葉大学大学院医学研究院不整脈先端治療学）
- MPO2-4 clinical composite score を用いた CRT の評価とデバイス管理 15
日向 勇人（静岡市立静岡病院医療支援部臨床工学科）
- MPO2-5 EV-ICD 波形識別機能についての検討報告 15
堺 美郎（済生会熊本病院臨床工学部）
- MPO2-6 ペースメーカーの電池交換を行わなかった認知症患者への意思決定支援 16
加藤 未和（浜松赤十字病院看護部）

Room 16 | カハラホテル&リゾート 1F Grand Ball Room A

MP Oral Presentation 3

Device 1

13:30-14:40

Moderator : Masahide Harada (Department of Cardiology, Fujita Health University)

- MPO3-1 Cardiac Implantable Electronic Device Complications in Adults with Congenital Heart Disease 17
Speaker : Holly L Daw (Barts Heart Centre, London)

MPO3-2	Evaluating the impact of physical reminder letters on remote monitoring adherence in cardiac device patients	18
	Speaker : Zhenqi Zhang (Heart Centre, Alfred Hospital, Melbourne, Australia)	
MPO3-3	MORPHOLOGICAL CLASSIFICATION AND CLINICAL UTILITY OF THE CURRENT OF INJURY IN LEFT BUNDLE BRANCH AREA PACING	18
	Speaker : Shun Tsunoda (Saiseikai Yokohamashi Tobu Hospital, Japan)	
MPO3-4	Antimicrobial envelope use in surgical abdominal CIED procedures: A case series	19
	Speaker : Holly L Daw (Barts Heart Centre, London)	
MPO3-5	Early Detection of Asymptomatic Frequent ICD Activation Due to Potential Nocturnal Hypoglycemia in Diabetes Treatment via Remote Monitoring: A Case Report	19
	Speaker : Madoka Suzuki (Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Japan)	
MPO3-6	The Potential of using Large Language Models to Analyze Clinical Data in Remote Monitoring System	20
	Speaker : Rumi Iwai (Hyogo College of Medicine, Japan/Kyushu University)	

11月14日（金）

第3日目

Room 7 | パシフィコ横浜ノース 3F G316 + G317

MP Oral Presentation 4

デバイス 2

8:30-9:40

座長：藤井 英太郎（名張市立病院循環器内科）
座長：神谷 典男（聖隷浜松病院臨床工学室）

- MPO4-1 右心耳への心房リード留置難渋症例の予測因子検討 21
太田 雄士（大阪大学医学部附属病院臨床工学部）
- MPO4-2 Micra と Aveir リードレスペースメーカーにおけるデバイスパラメータ経時変化の比較検討 22
平川 晋也（東京女子医科大学病院臨床工学部）
- MPO4-3 左脚領域ペーシングにおけるリード特異性の閾値比較 22
利部 海帆（東京大学医学部附属病院臨床工学部）
- MPO4-4 左脚枝捕捉におけるパルス幅調整の有用性の検討 23
三浦 和真（愛知医科大学病院臨床工学部）
- MPO4-5 院内プロトコルに基づく心臓植込み型電気デバイス患者におけるオフラベル MRI 撮像の実施と安全性の検討 23
三浦 晃裕（奈良県立医科大学附属病院医療技術センター）
- MPO4-6 経カテーテル大動脈弁置換術症例における Evolut と Sapien 3 の完全房室ブロック発生に関する検討 24
辻川 圭亮（豊田厚生病院臨床工学室）

Room 17 | パシフィコ横浜アネックスホール 2F F201

MP Oral Presentation 5

Mapping、画像検査

14:40-15:50

座長：一柳 宏（名古屋大学医学部附属病院 臨床工学技術部）
座長：熊谷 浩良（仙台市立病院 医療技術部臨床工学科）

- MPO5-1 Ensight X system の peak frequency を用いたケント束の周波数解析による検討 25
縮 恭一（筑波大学附属病院臨床工学部）
- MPO5-2 S-F AVNRT における LAM(Late Annotation Mapping) 機能を用いた Mapping の有用性 26
林 佑樹（鳥取大学医学部附属病院 ME センター）
- MPO5-3 心房細動下における HD Grid reference のマッピングが有用であった症例 26
森本 佑（一宮西病院医療機器管理科）
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MP Oral Presentation 6

アブレーション 2

17:20-18:30

座長：芳森 亜希子（君津中央病院 臨床工学科）
ディスカッサー：後藤 利彦（名古屋市長大学大学院医学研究科）

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Room 21 | パシフィコ横浜アネックスホール 2F F205 + F206

MP Oral Presentation 7

心電図・生体・モニタリング

8:30-9:40

座長：原田 直美 (防衛医科大学校)
座長：渡辺 智美 (市立秋田総合病院臨床検査科)
ディスカッサー：福井 昭男 (山形県立中央病院循環器内科)

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	西垣 哲太 (横浜市立大学附属病院薬剤部)	

11月15日 (土)

第4日目

Room 6 | パシフィコ横浜ノース 3F G314+G315

MP Oral Presentation 8

Ablation

9:50-11:00

Moderator : Tetsuji Shinohara (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University)

- MPO8-1 Human-Machine Collaborative Enhancement in Perioperative Care for Atrial Fibrillation Catheter Ablation: Optimization and Application of Key Nursing Technologies 37
 Speaker : Zhipeng Bao (The First Affiliated Hospital with Nanjing Medical University)
- MPO8-2 Non-HDL-C/HDL-C Ratio (NHHR) Predicts Atrial Fibrillation Recurrence After Catheter Ablation 38
 Speaker : Mingjie Lin (Qilu Hospital of Shandong University/Qilu Hospital (Qingdao) of Shandong University)
- MPO8-3 Ventricular arrhythmia ablation in ACHD. A single centre experience 39
 Speaker : Holly L Daw (Barts Heart Centre, London)
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- MPO8-5 Echo's and Extras: The Multiple accessory pathway 40
 Speaker : Barathkrishnan J (Jawaharlal Institute of Postgraduate Medical Education and Research, India)

Room 11 | パシフィコ横浜ノース 4F G404

MP Oral Presentation 9

Device 2

15:40-16:50

Moderator : Yuko Matsui (Department of Cardiology, Tokyo Women's Medical University)

Moderator : Shingo Sasaki (Department of Cardiology and Nephrology, Hirosaki University, Graduate School of Medicine)

- MPO9-1 演題は取り下げられました 41
- MPO9-2 EMI between ICDs and LVADs overcome through non-invasive physical manoeuvres: a case study 42
 Speaker : Zhenqi Zhang (Heart Centre, Alfred Hospital, Melbourne, Australia)
- MPO9-3 A Case of Cardiac Arrest Caused by Interference Between Temporary Pacing and Pacemaker Lead Output During Pacemaker Implantation 42
 Speaker : Takashi Tsuchiya (Shinshu University Hospital, Japan)
- MPO9-4 One case of syncope in an ICD patient caused by high amplitude of R - waves during sinus rhythm and insufficient sensing during ventricular fibrillation 43
 Speaker : Cuizhen Yuan (Department of Cardiology, Peking University People's Hospital, China)
- MPO9-5 Assessment of Chronotropic Incompetence Using Heart Rate Score and Its Association with Autonomic Nervous System Function 43
 Speaker : Yumiko Funatsu (Funatsu Medical Clinic, Japan)
- MPO9-6 Change in paced QRS morphology during threshold testing. What is the mechanism? 44
 Speaker : Barathkrishnan J (Jawaharlal Institute of Postgraduate Medical Education and Research, India)

Room 17 | パシフィコ横浜アネックスホール 2F F201

MP Oral Presentation 10

デバイス3

8:30-9:40

座長 : 高間 俊輔 (金沢医科大学病院 CE 部)

- MPO10-1 演題は取り下げられました 45

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	松永 誠吾 (医療法人徳洲会 湘南鎌倉総合病院臨床工学部)	
MPO10-5	EV-ICD 植込み患者のトレッドミル検査時 R 波高値変化の検討	47
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	宗像 夢嗣 (札幌ハートセンター 札幌心臓血管クリニック診療技術部)	

Room 18 | パシフィコ横浜アネックスホール 2F F202

MP Oral Presentation 11

AF / SVT treatment

14:20-15:30

Moderator : Tadashi Fujino (Department of Cardiovascular Medicine, Toho University Faculty of Medicine)

Moderator : Tatsuya Hayashi (Saitama Medical Center, Jichi Medical University)

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	Speaker : Aniq Batool (National Institute of Cardiovascular Disease)	
MPO11-4	Incidence and Risk Factors of Cerebral Infarction in Young Patients with Atrial Fibrillation: A Ten-year Retrospective Cohort Study	51
	Speaker : Mingjie Lin (Qilu Hospital (Qingdao), Shandong University)	
MPO11-5	A Novel Approach to Diagnosing Supraventricular Tachycardia Mechanism: Evaluation of Induction Patterns and Interval During Ventricular Pacing	51
	Speaker : Akinobu Mizutani (Sakurabashi Watanabe Advanced Healthcare Hospital, Japan)	

11月13日（木）
第2日目

Session Booth A | パシフィコ横浜ノース 1F G3～G8

MP Short Presentation 1

デバイス 1

8:30-9:40

座長：柴田 幸美（近畿大学病院臨床工学部）
座長：藤本 学（厚生連高岡病院循環器内科）

- MPS1-1 一回の通電で再隔離可能であった狭い Gap における Peak frequency の検討 6
東 卓甫（医療法人あかね会土谷総合病院診療補助部）
- MPS1-2 ワンドレステレメトリの問題 7
神谷 典男（聖隷浜松病院臨床工学会）
- MPS1-3 不具合報告のあったデバイスで見られたペーシング不全と通信喪失の一例 7
水口 伊織（山梨厚生病院臨床工学会）
- MPS1-4 小児デバイス植込み患者における当院での支援の取り組み 8
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- MPS1-5 抗頻拍ペーシングで停止するもすぐに再燃を繰り返す心室頻拍に対して、プログレッシブエピソードと認識され意識下ショックに至った 1 例 8
森田 光貴（関西労災病院臨床工学会）
- MPS1-6 左脚領域ペーシングの遠隔モニタリングを用いたリードパラメータの評価 9
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- MPS1-7 着用型除細動器装着患者の着用時間と自己中断についての検討 9
荒川 菜由（兵庫県立尼崎総合医療センター臨床工学課）

Session Booth C | パシフィコ横浜ノース 1F G3～G8

MP Short Presentation 2

アブレーション 1

17:30-18:40

座長：祝迫 周平（金沢大学附属病院 ME 機器管理センター）
ディスカッサー：佐野 誠（浜松医科大学）

- MPS2-1 副伝導路の同定に CARTO の CSI module が有用であった 1 例 10
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崎山 貴也（島根大学医学部附属病院医療機器診療支援センター）
- MPS2-4 パルスフィールドアブレーション術中の鎮静法での咳嗽や体動の比較検討 12
濱口 純江（関西労災病院看護部）
- MPS2-5 パルスフィールドアブレーションにおける全身麻酔の有用性の検討 12
渡辺 年哉（医療法人社団宏和会岡村記念病院診療技術部 ME 科）
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渋谷 良平（市立秋田総合病院臨床工学センター）
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11月15日(土)

第4日目

Session Booth C | パシフィコ横浜ノース 1F G3~G8

MP Short Presentation 3

デバイス 2

9:50-11:00

座長：光石 純子（カレス記念病院）
座長：進藤 勇人（JA 秋田厚生連平鹿総合病院臨床工学科）
ディスカッサー：古荘 浩司（石川県立中央病院）

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中村 透（社会医療法人 北海道循環器病院臨床工学科）
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岩下 飛翔（熊本赤十字病院検査部）
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木田 博太（大阪国際がんセンター 臨床工学部門）

MP Short Presentation 4

アブレーション 2

14:20-15:30

座長：竹中 祐樹（岡山大学病院 臨床工学センター）

- MPS4-1 診断が困難であった洞調律心電図と類似する心室頻拍に対し、上部中隔型と推測しアブレーションが奏功した陳旧性心筋梗塞後心室頻拍の一例 18
坂元 雄介（筑波大学附属病院臨床工学科）
- MPS4-2 左房心外膜を介した旋回型心房頻拍に対して CARTO CSI module 機能が有用であった一例 19
野田 真希（日本赤十字社愛知医療センター名古屋第二病院臨床工学科）
- MPS4-3 CARTO Smart Index 機能を使用した Pulsed Field Ablation 後の mapping POINT 取得についての検討 19
武生 紋佳（一般財団法人平成紫側会 小倉記念病院臨床工学課）
- MPS4-4 CARTOSOUND® FAM における自動抽出困難な解剖への対策と描出精度向上の工夫 20
新 美保子（帝京大学医学部附属病院 ME 部）
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- MPS4-7 陳旧性心筋梗塞に合併した心室頻拍における Multipolar Mapping と Wavefront Annotation の比較 21
志村 亜由香（日本医科大学付属病院 ME 部）

MP Short Presentation 5

アブレーション 3

15:40-16:50

座長：縮 恭一（筑波大学附属病院 臨床工学科）
座長：山本 基善（心臓血管センター金沢循環器病院 臨床工学科）
ディスカッサー：辻川 圭亮（豊田厚生病院 臨床工学室）

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	峯岸 壮太（日本医科大学付属病院 ME 部）	
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	植田 航太（独立行政法人国立病院機構鹿児島医療センター臨床工学技士）	
MPS5-4	広範囲に His 束電位を認めた修正大血管転位症患者に対する房室結節回帰性頻拍の治療経験	24
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	久世 大輔（兵庫県立はりま姫路総合医療センター臨床工学課）	
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	石田 誠司（岡村記念病院検査科）	
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