

Eiichi Kimura Memorial Lecture ★

○ Friday, July 13 10:00-11:00 Room 4

Understanding the Cardiac Function by Developing a Comprehensive Mathematical Cell Model

Chairperson :

Nobuhisa Hagiwara (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Speaker :

Akinori Noma (Biosimulation Research Center, Faculty of Biological Sciences, Ritsumeikan University, Shiga, Japan)

Hideo Ueda Memorial Lecture ★

○ Thursday, July 12 8:30-9:30 Room 1

Lethal Arrhythmia Management

Chairperson :

Ken Okumura (Saiseikai Kumamoto Hospital, Kumamoto, Japan)

Speakers :

1. Lethal Arrhythmia Management : Insight from Basic Science
David Callans (Hospital of the University of Pennsylvania, Philadelphia, USA)
2. Lethal Arrhythmia Management : Insight from Clinical Science
Jagmeet Singh (Massachusetts General Hospital, Boston, USA)

特別企画

○ Saturday, July 14 14:00-15:30 Room 1

若手医師から学ぶデバイス手技のコツ

座長 : 庄田 守男 (東京女子医科大学循環器内科 / 信州大学医学部循環器内科学教室)
副島 京子 (杏林大学医学部循環器内科)

演者 : 1. SICD

久佐 茂樹 (土浦協同病院循環器内科)

2. Leadless PM

西山 信大 (虎の門病院循環器センター内科)

3. His-Pacing

藤生 克仁 (東京大学医学部附属病院循環器内科)

4. Submammary Device Implantation

河村 光晴 (昭和大学医学部内科学講座循環器内科学部門)

5. Lead Extraction

岡田 綾子 (信州大学医学部循環器内科学教室)

6. CRT

柳下 大悟 (東京女子医科大学循環器内科)

Legend から学べ 1

● Friday, July 13 9:00-10:00 Room 4

日本が世界に誇る心房細動アブレーションのパイオニア

座長：庄田 守男（東京女子医科大学循環器内科 / 信州大学医学部循環器内科学教室）

演者： 1. 長期持続性心房細動に対する土浦式ステップワイスアブレーション戦略

家坂 義人（土浦協同病院）

2. ホットバルーンカテーテルによる心房細動の最新治療

佐竹 修太郎（葉山ハートセンター）

Legend から学べ 2

● Friday, July 13 11:00-12:00 Room 4

中興の祖：日本不整脈学会 / 日本心電学会会長経験者に聞く

座長：萩原 誠久（東京女子医科大学循環器内科）

演者： 1. 学会の社会的意義と先駆け

笠貫 宏（第 21 回日本不整脈学会学術大会 会長 / 早稲田大学 / 医療レギュラトリーサイエンス研究所）

2. 抗不整脈薬治療

小川 聡（第 23 回日本心電学会学術集会 会長 / 小川聡クリニック）

Electrocardiology Frontiers 2018

● Friday, July 13 16:00-18:00 Room 5

Investigations of Intracellular Calcium Regulation in the Heart

Chairpersons :

Yuji Murakawa (Department of Internal Medicine, Teikyo University Mizoguchi Hospital, Kanagawa, Japan)

Katsushige Ono (Department of Pathophysiology, Oita University School of Medicine, Oita, Japan)

Speakers :

1. New Targets in the Regulation of Atrial Fibrillation

Yoshihiro Ishikawa (Cardiovascular Research Institute Yokohama City University School of Medicine, Kanagawa, Japan)

2. Molecular Mechanisms Determining L-type Ca^{2+} Channel Currents in Ventricular Action Potential

Mitsuhiko Yamada (Department of Molecular Pharmacology, Shinshu University School of Medicine, Nagano, Japan)

3. Clinical and Molecular Aspects of Abnormal Ca Handling and Lethal Arrhythmias: Potential for Novel Therapeutic Strategies

Takeshi Aiba (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

4. Defective Interaction of Calmodulin with Ryanodine Receptor as a Crucial Cause of Heart Failure And Lethal Arrhythmia

Masafumi Yano (Department of Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)

Symposium 1 ★

● Thursday, July 12 10:30-12:00 Room 1

Novel Therapeutic and Diagnostic Tools and Devices in Atrial Fibrillation

Chairpersons :

Kenzo Hirao (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

Shigeto Naito (Gunma Prefectural Cardiovascular Center, Gunma, Japan)

Speakers :

1. Procedural Outcomes for Ablation Index-guided Pulmonary Vein Isolation of Atrial Fibrillation: A Comparison with VISITAG-, Contact Force-, and Non-contact Force-guided Ablation Techniques

Kohki Nakamura (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Gunma, Japan)

2. The Optimal Value of Lesion Size Index to Establish Acute-durable Pulmonary Vein Isolation

Seiichiro Matsuo (Department of Cardiovascular Medicine, the Jikei University Katsushika Medical Center, Tokyo, Japan)

3. Relative Influence of the Power, Force, and Time on the Determinants of the Lesion Index and Ablation Index

Yasuo Okumura (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

4. Pulmonary Vein Isolation Using a Second-Generation Cryoballoon in Patients with Paroxysmal Atrial Fibrillation – Efficacy and Safety of a Single 28-mm Balloon Short Freeze Technique –

Shinsuke Miyazaki (Department of Cardiovascular Medicine, University of Fukui Hospital, Fukui, Japan)

5. Initial Experience of Visually Guided Laser Balloon Pulmonary Vein Isolation

Yoshihide Takahashi (The Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

6. Initial Experience of Pulmonary Vein Isolation for Atrial Fibrillation with the New Generation Laser Balloon

Takahiko Nagase (Cardioangiologisches Centrum Bethanien am Markus-Krankenhaus, Frankfurt, Germany)

7. The Spatial Distribution of Late Gadolinium Enhancement of Left Atrial MRI in Patients with Atrial Fibrillation

Koji Higuchi (Department of Cardiology, Hiratsuka Kyosai Hospital, Kanagawa, Japan)

Symposium 2 ★

● Thursday, July 12 13:30-15:00 Room 1

Therapeutic Strategy of Persistent and Long-standing Persistent Atrial Fibrillation

Chairpersons :

Koichiro Kumagai (Heart Rhythm Center, Fukuoka Sanno Hospital, Fukuoka, Japan)

Teiichi Yamane (Division of Cardiology, Department of Internal Medicine, the Jikei University

School of Medicine, Tokyo, Japan)

Speakers :

1. Pulmonary Vein Isolation in Persistent Atrial Fibrillation: Who Requires Supplemental Ablation?
Seiichiro Matsuo (Department of Cardiovascular Medicine, the Jikei University Katsushika Medical Center, Tokyo, Japan)
2. A New Tailored Approach for Persistent and Long Persistent Atrial Fibrillation—Early Area Defragmentation (EADF) : One Year Follow Up—
Masatsugu Ohe (Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine, Fukuoka, Japan)
3. Catheter Ablation for Non-paroxysmal Atrial Fibrillation Guided by a Spatiotemporal Dispersion
Soichiro Yamashita (Heart Rhythm Center, Takatsuki General Hospital, Osaka, Japan)
4. Importance of Temporal Stability in Frequency Analysis for Persistent Atrial Fibrillation: Fast Fourier Transform Analysis versus Continuous Wavelet Transform Analysis
Akira Kimata (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan/Department of Cardiology, St. Luke's International Hospital, Tokyo, Japan)
5. Effects of Additional Ablation of Low-voltage Areas after Box Isolation for Persistent Atrial Fibrillation
Hideko Toyama (Heart Rhythm Center, Fukuoka Sanno Hospital, Fukuoka, Japan)
6. Long-term Effect of Extra Mapping-Guided Rotor Modulation on Persistent/Long-Standing Persistent Atrial Fibrillation
Takashi Ashihara (Department of Cardiovascular Medicine, Shiga University of Medical Science, Shiga, Japan)

Symposium 3 ※ ICD/CRT 研修修了証発行対象の教育講演 ★

● Thursday, July 12 16:00-17:30 Room 1

Revisit of Implantable Cardioverter Defibrillator Indications: Comorbidity, Age, and Frailty

Chairpersons :

Akihiko Shimizu (Ube-Kohsan Central Hospital Corp, Yamaguchi, Japan)
Takanori Ikeda (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo, Japan)

Speakers :

- KL. Revisit of Implantable Cardioverter Defibrillator Indications: Comorbidity, Age, and Frailty
Jagmeet Singh (Massachusetts General Hospital, Boston, USA)
1. The Role of Implantable Cardioverter Defibrillators in the Elder in Japan
Takashi Noda (National Cerebral and Cardiovascular Center, Osaka, Japan)
2. ICD Therapy in Older Primary Prevention Patients
Yusuke Kondo (Department of Advanced Cardiovascular Therapeutics, Chiba University Graduate School of Medicine, Chiba, Japan)
3. Clinical Outcomes of Elderly Patients with Cardiac Resynchronization Therapy with a Defibrillator: Analysis of the JCDTR Database

Hisashi Yokoshiki (Department of Cardiovascular Medicine, Sapporo City General Hospital, Hokkaido, Japan)

4. Consideration of Implantable Cardioverter Defibrillator (ICD) Indication to the Age and Frailty from Current Situation of Our Hospital

Mahito Noro (Division of Cardiovascular Medicine, Toho University Sakura Medical Center, Chiba, Japan)

Symposium 4 ★

● Thursday, July 12 10:30-12:00 Room 5

Mechanism of Atrial Fibrillation: Initiation and Perpetuation

Chairpersons :

Katsushige Ono (Department of Pathophysiology, Oita University School of Medicine, Oita, Japan)

Haruo Honjo (Research Institute of Environmental Medicine, Nagoya University, Aichi, Japan)

Speakers :

KL. Mechanism of Initiation and Perpetuation of AF

Shih-Ann Chen (Taipei Veterans General Hospital, National Yang-Ming University, Taipei, Taiwan)

1. Persistent Mechanisms of Non-paroxysmal Atrial Fibrillation: A Combined Study of Clinical ExTRa Mapping and *in silico*

Takashi Ashihara (Department of Cardiovascular Medicine, Shiga University of Medical Science, Shiga, Japan)

2. Ser96Ala Genetic Variant of Human Histidine-rich Calcium-binding Protein May Be a Genetic Predictor of Recurrence after Catheter Ablation in Patients with Paroxysmal Atrial Fibrillation

Michitaka Amioka (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima, Japan)

3. Characteristics of Atrial Inflammation as Assessed by Fluorine 18 Fluorodeoxyglucose Positron Emission Tomography in Patients with Atrial Fibrillation

Yasushi Miyauchi (Department of Cardiovascular Medicine, Nippon Medical School Chiba-Hokusoh Hospital, Chiba, Japan)

4. Cellular Metabolic Dysregulation Exacerbates Atrial Remodeling: Role in Atrial Fibrillation Pathophysiology and Therapeutic Potential

Masahide Harada (Department of Cardiology, Fujita Health University, Aichi, Japan)

Symposium 5

● Thursday, July 12 13:30-15:00 Room 5

Tips and Tricks in Difficult Ablation of Ventricular Arrhythmias

Chairpersons :

Akihiko Nogami (Cardiology Department, Tsukuba Medical Center Hospital, Ibaraki, Japan)

Hiroshi Tada (Department of Cardiovascular Medicine, University of Fukui Hospital, Fukui, Japan)

Speakers :

KL. Up-to-date Mapping Methods for Scar-related Ventricular Tachycardia

Akihiko Nogami (Cardiology Department, Tsukuba Medical Center Hospital, Ibaraki, Japan)

1. Safety and Efficacy of Radiofrequency Ablation and Cryoablation in Patients with Ventricular Arrhythmias Originating from the Para-Hisian Region

Koji Miyamoto (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan/Division of Cardiovascular Diseases, Department of Internal Medicine, Mayo Clinic, Rochester, USA)

2. Effect and Safety of Epicardial Ablation for Ventricular Tachycardia Originating from Cardiac Crux

Mitsuharu Kawamura (Division of Cardiology, Showa University School of Medicine, Tokyo, Japan)

3. Novel Mapping Method for Summit Ventricular Arrhythmias

Yuki Komatsu (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

4. New Strategy of Catheter Ablation for Ventricular Tachycardia in Structural Heart Disease: Application of Automap System and Last Detection

Yukiko Nakano (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima, Japan)

5. Alternative Approaches for Ablation of Resistant Ventricular Tachycardia Storms

Atsuhiko Yagishita (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo, Japan)

Symposium 6

● Thursday, July 12 16:00-17:30 Room 6

Treatment of Arrhythmias in Elderly Patients

Chairpersons :

Takashi Komatsu (Division of Cardiology, Department of Internal Medicine, Iwate Medical University, Iwate, Japan)

Takeshi Yamashita (The Cardiovascular Institute, Tokyo, Japan)

Speakers :

1. Different Major Determinants of Clinically Relevant Events between Young and Elderly Anticoagulated Atrial Fibrillation Patients: Data Findings from the SAKURA AF Registry

Yasuo Okumura (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

2. Differences in the Proportions of Specific Causes of Death Among Age Groups in Patients with Atrial Fibrillation: The Fushimi AF Registry

Yoshimori An (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto, Japan)

3. Measurement of Anti-factor Xa Activity in Japanese Elderly Patients on Factor Xa Inhibitor for Non-valvular Atrial Fibrillation

Hiroyuki Osanai (Department of Cardiovascular Medicine, Tosei General Hospital, Aichi, Japan)

4. The Impact of Oral Anticoagulation Therapy for Atrial Fibrillation in Nonagenarian

Shunichi Higashiya (Heart Rhythm Center, Okayama Heart Clinic, Okayama, Japan)

5. Comparison of Long-term Prophylactic Efficacy, Safety, and Cardiovascular Prognosis between Elderly and Non-elderly Patients with Paroxysmal Atrial Fibrillation

Takashi Komatsu (Division of Cardiology, Department of Internal Medicine, Iwate Medical University, Iwate, Japan)

6. Catheter Ablation Using a Cryoballoon in Patients with Elderly Paroxysmal Atrial Fibrillation Patients

Shinsuke Miyazaki (Department of Cardiovascular Medicine, University of Fukui Hospital, Fukui, Japan)

7. Long-term Clinical Outcome and Safety of Catheter Ablation for Atrial Fibrillation in Very Old Patients

Yasuaki Tanaka (Cardiovascular Center, Yokosuka Kyosai Hospital, Kanagawa, Japan)

Symposium 7 ★

● Friday, July 13 8:30-10:00 Room 1

Cardiomyopathy and Rhythm Disorders

Chairpersons :

Naohiko Takahashi (Department of Cardiovascular Medicine, Oita University School of Medicine, Clinical Laboratory Diagnosis, Oita, Japan)

Tsuyoshi Shiga (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Speakers :

KL. Atrial Cardiomyopathies

Andreas Götte (Cardiology and Internal Intensive Care Medicine at St. Vincent's Hospital, Dislaken, Germany)

1. Mitochondrial Diseases and Fatal Arrhythmias

Gaku Izumi (Department of Pediatrics, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Hokkaido, Japan)

2. Clinical Manifestations and Long-term Mortality in Lamin A/C Mutation Carriers from the Japanese Multicenter Registry

Kenzaburo Nakajima (National Cardiovascular Center, Osaka, Japan)

3. Persistent Atrial Fibrillation and Diabetes Are Independent Predictors of Tachycardia Induced Cardiomyopathy in Patients with Atrial Fibrillation

Naoya Hironobe (Department of Cardiovascular Medicine, Hiroshima University Hospital, Hiroshima, Japan)

4. Very Long-term Outcome of Arrhythmogenic Right Ventricular Cardiomyopathy Patients with or without an Implantable Cardioverter Defibrillator

Kimitake Imamura (The Department of Cardiology, Himeji Cardiovascular Center, Hyogo, Japan)

5. Clinical and Electrocardiographic Characteristics in High-Risk Hypertrophic Cardiomyopathy Patients with Prophylactic Implantable Cardioverter Defibrillator

Atsushi Suzuki (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

6. Radiofrequency Catheter Ablation of Ventricular Tachycardia in Patients with Hypertro-

phic Cardiomyopathy and Apical Aneurysm

Miyako Igarashi (Cardiovascular Center, Tsuchiura Kyodo General Hospital, Ibaraki, Japan)

Symposium 8 ★

● Friday, July 13 10:30-12:00 Room 1

Role of Novel Technologies of Cardiac Resynchronization Therapy in Reducing Non-responders

Chairpersons :

Takashi Kurita (Department of Internal Medicine, Faculty of Medicine, Kindai University, Osaka, Japan)

Angelo Auricchio (Fondazione Cardiocentro Ticin, Lugano, Switzerland)

Speakers :

KL. Pre-procedural Selection Strategies to Facilitate Individualized Approaches for Cardiac Resynchronization Therapy

Angelo Auricchio (Fondazione Cardiocentro Ticin, Lugano, Switzerland)

1. The Measurement Method of Local Left Ventricular Activation Time Using Guide Wire during CRT Implantation

Takanao Mine (The Department of Internal Medicine, Cardiovascular Division, Hyogo College of Medicine, Hyogo, Japan)

2. The Role of Local Conduction Disturbance Around the Left Ventricular Pacing Site to Predict Clinical Outcome in Patients with Cardiac Resynchronization Therapy

Daigo Yagishita (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

3. Multipoint Pacing Fused with Self-conduction Is Most Effective in Acute Hemodynamic Change

Masakazu Miyamoto (Department of Cardiovascular Medicine, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama, Japan)

4. Transseptal Endocardial Left Ventricular Pacing: an Alternative Approach for CRT Non-responders

Hidemori Hayashi (Department of Cardiology, Juntendo University School of Medicine, Tokyo, Japan)

5. Improvement of Clinical Outcome by a New Device-based Optimization Algorithm in Moderately Wide QRS and Non-CLBBB Patients with Cardiac Resynchronization Therapy

Takashi Noda (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

Symposium 9

● Friday, July 13 13:30-15:00 Room 1

Non-pharmacological Anti-arrhythmic Treatment for Congenital Heart Disease

Chairpersons :

Naokata Sumitomo (Department of Pediatric Cardiology, Saitama Medical University International Medical Center, Saitama, Japan)

Morio Shoda (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan/Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

Speakers :

1. The Safety and Efficacy of RHYTHMIA Mapping System in Pediatric Patients

Hitoshi Mori (Department of Cardiology, Saitama Medical University International Medical Center, Saitama, Japan)

2. Clinical Outcome of Catheter Ablation Using a Remote Magnetic Navigation System in Patients with Adult Congenital Heart Disease—From Two Centers' Experience—

Katsunori Okajima (Department of Cardiology, Kakogawa Central City Hospital, Hyogo, Japan)

3. Non-Pharmacological Hybrid Therapy for Arrhythmias after Total Cavo-pulmonary Connection

Keiko Toyohara (The Department of Pediatric Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

4. Anomalous Origins of Coronary Arteries Coursing between the Great Vessels Presenting with Cardiovascular Events: Clinical Features, Management, and Major Determinants of Clinical Outcome (J-CONOMALY Registry)

Koichi Nagashima (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

5. Long Term Follow-up of Implantable Cardioverter Defibrillators Outcomes in Pediatric and Congenital Heart Disease (Submammary Approach and Subcutaneous ICD)

Yumi Munetsugu (Division of Cardiology, Showa University School of Medicine, Tokyo, Japan)

Symposium 10 ※ ICD/CRT 研修修了証発行対象の教育講演 ★

○ Friday, July 13 16:00-17:30 Room 1

Non-infective Indications of Lead Extraction

Chairpersons :

Masahiko Goya (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

Christoph Starck (German Heart Center Berlin, Berlin, Germany)

Speakers :

KL. Non-Infective Indications of Lead Extraction

Nigel Lever (The University of Auckland, NZ)

1. Should ICD Lead with Conductor Externalization be Removed, Even If without Electrical Failure?

Mitsuru Wada (National Cerebral and Cardiovascular Center, Osaka, Japan)

2. Efficacy of Transvenous Lead Extraction in Japanese Patients with Advisory Implantable Cardioverter-defibrillator Leads

Masahiko Goya (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

3. The Effectiveness of Cardiovascular Implantable Electronic Devices Lead Extraction for Non Infectious Patients

Michio Nagashima (The Department of Cardiology, Kokura Memorial Hospital, Fukuoka, Japan)

4. Comparison of Patient Background and Clinical Outcome between Infection and Non-infection Indication for Percutaneous Lead Extraction

Yuji Iwanami (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Co-sponsor: Cook Japan, Inc.

Symposium 11 ★

● **Friday, July 13 10:30-12:00 Room 5**

Approach to Autonomic Nervous System for Arrhythmia Treatment

Chairpersons :

Hiroshi Inoue (Saiseikai Toyoma Hospital, Toyama, Japan)

Kalyanam Shivkumar (University of California, Los Angeles, USA)

Speakers :

KL. Approach to Autonomic Nervous System for Arrhythmia Treatment

Kalyanam Shivkumar (University of California, Los Angeles, USA)

1. Association of Heart Rate Variability and Turbulence with Cardiovascular Events

Toshio Kinoshita (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo, Japan)

2. Autonomic Nervous System Modulation by Pulmonary Vein Isolation with Second-Generation Cryoballoon

Shinsuke Miyazaki (Department of Cardiovascular Medicine, University of Fukui Hospital, Fukui, Japan)

3. Stellate Ganglion Phototherapy; New Therapeutic Method for Refractory Ventricular Arrhythmias

Noriko Matsushita (Department of Cardiology, Kyorin University, Tokyo, Japan)

4. Gaglianeted Plexi Ablation for Vasovagal Syncope and Vagal Induced AV Block in Japanese Experience

Kohei Yamashiro (Heart Rhythm Center, Takatsuki General Hospital, Osaka, Japan)

Symposium 12 ★

● **Friday, July 13 8:30-10:00 Room 7**

Leadless Pacemaker: First-year Post-Marketing Experience

Chairpersons :

Kyoko Soejima (Department of Cardiology, Kyorin University Hospital, Tokyo, Japan)

Jagmeet Singh (Massachusetts General Hospital, Boston, USA)

Speakers :

KL. Leadless Pacemaker

Vivek Reddy (Mount Sinai Heart, Mount Sinai School of Medicine, New York, USA)

1. Safety Issue of Leadless Pacemaker in Real-world Setting in Japan

Kengo Kusano (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

2. Anatomical Characteristics Associated with the Procedure Difficulty in Implanting Leadless Cardiac Pacemaker: Important Information for the Procedure Safety
Shigeki Kusa (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)
3. Usefulness of Leadless Pacemakers after Transvenous Lead Extractions for Treating Device Related Infections
Kikou Lee (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo, Japan)
4. Early Performance of the Micra Leadless Transcatheter Pacemaker in a Single Center Experience
Kazuyuki Tanoue (Cardiovascular Medicine, National Hospital Organization Kagoshima Medical Center, Kagoshima, Japan)

Symposium 13

● Friday, July 13 10:30-12:00 Room 7

Syncope and Asystole: Cerebrocardiac Syndrome and Autonomic Nervous System

Chairpersons :

Youichi Kobayashi (Showa University Hospital, Tokyo, Japan)

Haruhiko Abe (Department of Heart Rhythm Management, University of Occupational & Environmental Health, Fukuoka, Japan)

Speakers :

1. Characteristics of Japanese Patients Inserted with a New Insertable Cardiac Monitor: Data from Reveal LINQ Registry
Kengo Kusano (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)
2. Effect of Pacemaker Therapy for the Prevention of Ictal Asystole in Temporal Lobe Epilepsy
Ritsuko Kohno (Department of Heart Rhythm Management, University of Occupational and Environmental Health, Fukuoka, Japan)
3. Exaggerated Reactivity of Parasympathetic Nerves is Involved in Ventricular Fibrillation in J-wave Syndrome
Tetsuji Shinohara (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Oita, Japan)
4. Patients with J-wave are Prone to Reflex Syncope with Head-up Tilt Test
Yuta Chiba (Division of Cardiology, Department of Medicine, Showa University School of Medicine, Tokyo, Japan)
5. Abnormal Repolarization on ECG in epilepsy patients: Risk Factor for SUDEP?
Katsuhide Hayashi (University of Occupational and Environmental Health, Japan, Fukuoka, Japan)

Symposium 14

● Friday, July 13 8:30-10:00 Room 9

Novel Insight into Paroxysmal Supraventricular Tachycardia

Chairpersons :

Hiroshige Yamabe (Department of Cardiovascular Medicine, Kumamoto University, Kumamoto,

Japan)

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

Speakers :

KL1. Unique Electrophysiological Characteristics of Superior Type Fast-slow Atrioventricular Nodal Reentrant Tachycardia

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

KL2. Electrophysiologic features of the verapamil-sensitive atrial tachycardia arising from the atrioventricular annulus

Hiroshige Yamabe (Department of Cardiovascular Medicine, Kumamoto University, Kumamoto, Japan)

1. How to Differentiate the Mechanisms of Supraventricular Tachycardia when Terminated during Diagnostic Ventricular Pacing: Usefulness of the total Pacing Prematurity (TPP)

Mitsunori Maruyama (Nippon Medical School Chiba Hokusoh Hospital, Chiba, Japan)

2. Recent Aspect of the Septal Atrioventricular Junction—The Electrophysiological Phenomenon and Its Underlying Anatomy—

Shin Inoue (Division of General Medicine, Department of Perioperative Medicine, Showa University School of Dentistry, Tokyo, Japan)

Symposium 15 ★

○ Saturday, July 14 11:00-12:30 Room 1

Infection of Cardiac Pacing Device: Present Status, Prevention and Treatment

Chairpersons :

Katsuhiko Imai (NHO Kure Medical Center Chugoku Cancer Center, Department of Cardiovascular Surgery, Hiroshima, Japan)

Kengo Kusano (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

Speakers :

KL. Infection of Cardiac Pacing Device

Christoph Starck (German Heart Center Berlin, Berlin, Germany)

1. Our Strategy for Preventing Device Infection, and Analysis of Our Results

Takayuki Uchida (Department of Cardiovascular Surgery, Iizuka Hospital, Iizuka, Fukuoka, Japan)

2. The Prognosis after Lead Extraction in Patients with Endovascular Infection

Yoshimasa Morimoto (Department of Cardiovascular Medicine, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan)

3. Short-term Impact of Transvenous Lead Extraction on Renal Function

Tsuyoshi Isawa (Department of Cardiology, Sendai Kousei Hospital, Miyagi, Japan)

4. Management and Prognosis of Cardiac Implantable Device Infection in the Elderly Patients

Mitsuru Wada (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

5. Transvenous Lead Extractions in Patients with Cardiac Resynchronization Therapy and Device Related Infection

Masahiro Sekigawa (Department of Cardiovascular, Tokyo Medical and Dental University, Tokyo, Japan)

Symposium 16

● Saturday, July 14 14:00-15:30 Room 4

Development of Innovative Therapy and New Insight into Arrhythmia Mechanism

Chairpersons :

Naomasa Makita (Department of Molecular Physiology, Nagasaki University, Nagasaki, Japan)

Hideo Tanaka (Department of Pathology, Kyoto Prefectural University of Medicine, Kyoto, Japan)

Speakers :

1. Pathophysiology of Inherited Arrhythmias Associated with Ca Handling Abnormality

Naomasa Makita (Department of Molecular Physiology, Nagasaki University, Nagasaki, Japan)

2. Modelling Calmodulin-related Long-QT Syndrome Using Human iPS Cells: Therapeutic Genome Editing Using CRISPR/Cas9

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

3. Molecular and Cellular Mechanisms of Ca²⁺ Release from SR/ER Through Cardiac Ryanodine Receptors Modified by a Single Point Mutation Associated with Human Ventricular Tachycardia

Akira Uehara (Department of Physiology, Fukuoka University School of Medicine, Fukuoka, Japan)

4. Bridging the Gap between the Etiologic Factors and Arrhythmogenesis—Role of Fluorescence Imaging of Experimental Arrhythmias—

Hideo Tanaka (Department of Pathology and Cell Regulation, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan)

5. Atrial Ischemia/Infarction-induced Spontaneous Focal Discharges and 3-dimensional atrial Scroll Wave in an Ovine Atrial Fibrillation Model

Masatoshi Yamazaki (Medical Device Development and Regulation Research Center, the University of Tokyo, Tokyo, Japan)

6. Arrhythmias during Nonuniform Contraction

Masahito Miura (Department of Clinical Physiology, Tohoku University Graduate School of Medicine, Miyagi, Japan)

Symposium 17

● Saturday, July 14 14:00-15:30 Room 5

Genetics of Rhythm Disorders: Up to Date

Chairpersons :

Tetsushi Furukawa (Department of Biomedical Informatics, Institute of Intractable Diseases, Tokyo Medical and Dental University, Tokyo, Japan)

Wataru Shimizu (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo, Ja-

pan)

Speakers :

KL. Overview: Genetics for Arrhythmia

Minoru Horie (Asian Epidemiology Research Center, Shiga University of Medical Science, Shiga, Japan)

1. Progression of an Arrhythmogenic Substrate Associated with Initial Ventricular Fibrillation Episode in Asymptomatic Patients with Brugada Syndrome

Hiroshi Morita (The Department of Cardiovascular Therapeutics, Okayama University Graduate School of Medicine, Okayama, Japan)

2. HCN4 Polymorphisms and Tachycardia Induced Cardiomyopathy

Yukiko Nakano (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima, Japan/Laboratory for Digestive Diseases, RIKEN Center for Integrative Medical Sciences, Saitama, Japan)

3. Genetic Risk Markers Modulate the Outcome after Pulmonary Vein Isolation in Patients with Paroxysmal Atrial Fibrillation

Shinsuke Miyazaki (Department of Cardiovascular Medicine, University of Fukui Hospital, Fukui, Japan)

4. Approach to Improve Risk Stratification for Atrial Fibrillation by Combination of Genetic Risk and Acquired Risk

Tetsuo Sasano (Department of Cardiovascular Physiology, Tokyo Medical and Dental University, Tokyo, Japan)

Symposium 18

● Saturday, July 14 9:00-10:00 Room 6

Arrhythmia in Regenerative Myocardium

Chairpersons :

Minoru Horie (Asian Epidemiology Research Center, Shiga University of Medical Science, Shiga, Japan)

Ichiro Hisatome (Division of Regenerative Medicine and Therapeutics, Department of Genetic Medicine and Regenerative Therapeutics, Institute of Regenerative Medicine and Biofunction, Graduate School of Medical Science, Tottori University, Tottori, Japan)

Speakers :

1. Development of Pulsatile Human Cardiac Tissue for Heart Failure Treatment and Epicardial Transplantation Approach for Synchronized Pulsation with Host Myocardium and Arrhythmia Prevention

Katsuhisa Matsuura (Institute of Advanced Biomedical Engineering and Science, Tokyo Women's Medical University, Tokyo, Japan)

2. Transplantation of iPS Cell-derived Cardiomyocytes Improved Cardiac Contractile Function but Induced Transient Ventricular Tachycardia in Non-human Primate Myocardial Infarction Model

Yuji Shiba (Department of Regenerative Science and Medicine, Institute for Biomedical Sciences, Shinshu University, Nagano, Japan)

Symposium 19 ★

● Saturday, July 14 11:00-12:30 Room 6

New Stream of Arrhythmia Mapping

Chairpersons :

Yoshinori Kobayashi (Department of Cardiology, Hachioji Hospital, Tokai University School of Medicine, Tokyo, Japan)

Hiroshi Nakagawa (University of Oklahoma, Heart Rhythm Institute, Oklahoma, USA)

Speakers :

KL. New Stream of Arrhythmia Mapping

Jonathan M. Kalman (Department of Cardiology, Royal Melbourne Hospital, Melbourne, Australia)

1. Feature Development of 3D Mapping Systems

Hiroshi Nakagawa (University of Oklahoma, Heart Rhythm Institute, Oklahoma, USA)

2. Influences of Atrial Activation Wavefront on Voltage Mapping of Left Atrium in Patients with Atrial Fibrillation

Koji Miyamoto (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

3. Utility of Ripple Mapping Localize the Site of Origin and to Detect Real Substrate during Catheter Ablation of Ventricular Arrhythmia

Shingo Maeda (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

4. Pulmonary Vein Gap Reentrant Atrial Tachycardia after Atrial Fibrillation Ablation: Insight of Electrophysiological Features with High-resolution Mapping System

Seigo Yamashita (Division of Cardiology, Department of Internal Medicine, the Jikei University School of Medicine, Tokyo, Japan)

5. The Usability of Ultra High-resolution Mapping System (RHYTHMIA) for Ablation of Atrial Tachycardias

Yasuaki Tanaka (Cardiovascular Center, Yokosuka Kyosai Hospital, Kanagawa, Japan)

Symposium 20

● Saturday, July 14 9:00-10:00 Room 7

Surgery for Non-Mitral Valve Atrial Fibrillation

Chairpersons :

Masataka Mitsuno (Department of Cardiovascular Surgery, Hyogo College of Medicine, Hyogo, Japan)

Katsuhiko Imai (Kure Medical Center Chugoku Cancer Center, Department of Cardiovascular Surgery, Hiroshima, Japan)

Speakers :

1. Concomitant Atrial Fibrillation Surgery for Patients Undergoing Coronary Artery Bypass Grafting

Shun-ichiro Sakamoto (Department of Cardiovascular Surgery, Nippon Medical School, Tokyo, Japan)

2. Impact of Concomitant Surgical Ablation for Atrial Fibrillation during Aortic Valve Re-

placement Up to Two Years

Kenichi Sasaki (The Cardiovascular Institute, Tokyo, Japan)

3. Surgery for Atrial Fibrillation with Aortic Valve Disease ; Findings from Intraoperative Epicardial Mapping

Atsushi Hiromoto (Department of Cardiovascular Surgery, Nippon Medical School, Tokyo, Japan)

Symposium 21

○ Saturday, July 14 11:00-12:30 Room 7

不整脈の包括的管理

座長： 梶木 晶子 (九州大学医学部保健学科)

渡邊 英一 (藤田保健衛生大学循環器内科)

演者： 1. 医師の立場から－複雑性で考える心房細動診療－

小田倉 弘典 (土橋内科医院)

2. チーム医療の立場から

眞茅 みゆき (北里大学看護学部)

3. 臨床心理士の立場から

鈴木 伸一 (早稲田大学人間科学学術院)

4. 薬剤師の立場から

長沼 美代子 (昭和大学藤が丘病院薬剤部 / 昭和大学薬学部病院薬剤学講座)

5. 看護師の立場から

菅 令子 (鳥取県立中央病院ペースメーカー患者指導室)

Symposium 22 ★

○ Saturday, July 14 14:00-15:30 Room 7

Prevention of Embolic Stroke in Atrial Fibrillation Patients

Chairpersons :

Kenzo Hirao (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

Takashi Nitta (Cardiovascular Surgery, Nippon Medical School, Tokyo, Japan)

Speakers :

1. Surgical Left Atrial Appendage Closure (Excision) –Over View–

Masataka Mitsuno (Department of Cardiovascular Surgery, Hyogo College of Medicine, Hyogo, Japan)

2. Surgical Left Atrial Appendage Exclusion during Off-pump Coronary Artery Bypass Grafting Reduce the Risk of Stroke

Kenji Kuwaki (Department of Cardiovascular Surgery, Juntendo University, Tokyo, Japan)

3. Traditional and New Surgical Managements of the Left Atrial Appendage

Yosuke Ishii (Cardiovascular Surgery, Nippon Medical School, Tokyo, Japan)

4. Watchman Device

Shephal K. Doshi (Pacific Heart Institute, Santa Monica, USA)

5. Thoracoscopic Stapler-and-loop Technique for Left Atrial Appendage Closure in Non-

valvular Atrial Fibrillation: Mid-term Outcomes in 201 Patients

Toshiya Ohtsuka (Department of Cardiovascular Surgery, Tokyo Metropolitan Tama Medical Center, Tokyo, Japan)

6. Oral Anticoagulation Therapy, Established First-line Therapy

Koichi Inoue (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka, Japan)

Meet the Expert 1 ★

● Thursday, July 12 8:30-9:00 Room 5

New Insight of Papillary Muscle Ventricular Arrhythmia

Chairperson :

Akihiko Nogami (Cardiology Department, Tsukuba Medical Center Hospital, Ibaraki, Japan)

Speaker :

Takumi Yamada (University of Alabama at Birmingham, USA)

Meet the Expert 2 ★

● Thursday, July 12 9:00-9:30 Room 5

Medical Impact and Socioeconomic Consideration of Remote Monitoring Device for CIED Follow-up

Chairperson :

Yasuya Inden (Department of Cardiology, Nagoya University Graduate School of Medicine, Aichi, Japan)

Speaker :

Suneet Mittal (The Valley Hospital, USA)

Meet the Expert 3 ★

● Thursday, July 12 8:30-9:00 Room 6

How to Select Balloon Ablation Tools for Pulmonary Vein Isolation?

Chairperson :

Shigeto Naito (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Gunma, Japan)

Speaker :

Andreas Metzner (Asklepios-Klinik St. Georg, Hamburg, Germany)

Meet the Expert 4 ★

● Thursday, July 12 9:00-9:30 Room 6

How to Select 3D-arrhythmia Mapping Tools for AF Ablation?

Chairperson :

Masaharu Masuda (Kansai Rosai Hospital Cardiovascular Center, Hyogo, Japan)

Speaker :

Prapa Kanagaratnam (Imperial College London, UK)

Meet the Expert 5 ★

● Thursday, July 12 13:30-14:00 Room 7

Changing in HF Management after CASTLE-AF

Chairperson :

Seiji Takatsuki (Department of Cardiology, Keio University School of Medicine, Tokyo, Japan)

Speaker :

Johannes Brachmann (Klinikum Coburg, Coburg, Germany)

Meet the Expert 6 ★

○ Friday, July 13 8:30-9:00 Room 4

Vagal Modification to Ventricular Arrhythmia

Chairperson :

Tohru Ohe (Okayama City General Medical Center/Okayama University, Okayama, Japan)

Speaker :

Kalyanam Shivkumar (University of California, Los Angeles, USA)

Meet the Expert 7 ★

○ Friday, July 13 16:00-16:30 Room 11

Indication and Contraindication of His-Pacing

Chairperson :

Kazuaki Kaitani (Division of Cardiology, Otsu Red Cross Hospital, Shiga, Japan)

Speaker :

Jacob Koruth (Mount Sinai Heart, Mount Sinai School of Medicine, USA)

Meet the Expert 8 ★

○ Saturday, July 14 9:00-9:30 Room 1

Anticoagulation for Patients with AF and Coronary Artery Disease

Chairperson :

Koichi Inoue (Department of Cardiology, Sakurabashi-Watanabe Hospital, Osaka, Japan)

Speaker :

Freek W.A. Verheugt (Onze Lieve Vrouwe Gasthuis (OLVG), Netherlands)

Case-Based Conference : 困難症例をエキスパートに聞け！ 1

○ Thursday, July 12 13:30-15:00 Room 12

カテーテル・アブレーション (VT)

座長 : 櫻田 春水 (東京都保健医療公社大久保病院)

エキスパート :

深水 誠二 (東京都立広尾病院循環器科)

症例報告

1.石橋 耕平 (国立循環器病研究センター病院不整脈科)

2.上田 明子 (杏林大学医学部循環器内科)

Case-Based Conference : 困難症例をエキスパートに聞け！ 2

○ Friday, July 13 8:30-10:00 Room 12

デバイス植込み

座長 : 中里 祐二 (順天堂大学医学部附属浦安病院循環器内科)

エキスパート：

石橋 耕平（国立循環器病研究センター病院不整脈科）

症例提示

1. 三戸 森児（土谷総合病院循環器内科）
2. 相澤 万象（諏訪赤十字病院循環器科）

Case-Based Conference：困難症例をエキスパートに聞け！ 3

● Friday, July 13 13:30-15:00 Room 12

カテーテル・アブレーション（AF/SVT）

座長：家坂 義人（土浦協同病院）

エキスパート：

井上 耕一（桜橋渡辺病院循環器内科）

症例提示

1. 樋口 諭（東京女子医科大学循環器内科）
2. 鯨 和人（兵庫県立尼崎総合医療センター循環器内科）

Case-Based Conference：困難症例をエキスパートに聞け！ 4

● Saturday, July 14 14:00-15:30 Room 12

リード抜去

座長：松本 万夫（東松山医師会病院 / 埼玉医科大学国際医療センター心臓内科不整脈科）

エキスパート：

新田 順一（さいたま赤十字病院循環器内科）

症例提示

1. 中村 紘規（群馬県立心臓血管センター）
2. 鈴木 博彦（名古屋第二赤十字病院）

この症例分かりますか？ 1

● Friday, July 13 16:00-17:30 Room 12

Unknown Device

出題者：安部 治彦（産業医科大学医学部不整脈先端治療学）

中井 俊子（日本大学医学部内科学系循環器内科学分野）

回答者：1. 井上 完起（榊原記念病院）

2. 南口 仁（大阪大学大学院医学系研究科循環器内科学）

3. 相澤 義泰（慶應義塾大学医学部循環器内科）

この症例分かりますか？ 2

● Saturday, July 14 9:00-10:30 Room 12

Unknown EP

出題者：中川 博（University of Oklahoma Health Sciences Center, USA）

山田 功（University of Alabama at Birmingham, USA）

回答者：1. 江島 浩一郎（東京女子医科大学循環器内科）

2. 小島 敏弥（東京大学医学部附属病院循環器内科）

3. 南口 仁（大阪大学大学院医学系研究科循環器内科学）

特別企画セッション 1

● Thursday, July 12 8:30-9:30 Room 4

抗不整脈薬の役割：リモデリングの進行を予防できるか

- 座長：**小松 隆（岩手医科大学内科学講座循環器内科分野）
丸山 徹（九州大学基幹教育院キャンパスライフ・健康支援センター）
- 演者：**1. 抗不整脈薬と心筋リモデリング：基礎から
小野 克重（大分大学医学部病態生理学）
2. 心房細動：抗不整脈薬と心房リモデリング
小松 隆（岩手医科大学内科学講座循環器内科分野）
3. 心室性不整脈：抗不整脈薬と心室リモデリング
庭野 慎一（北里大学医学部循環器内科）

特別企画セッション 2

● Thursday, July 12 14:00-15:00 Room 7

Arrhythmia Induced Cardiomyopathy

- 座長：**住吉 正孝（順天堂大学練馬病院循環器内科）
中川 幹子（大分大学医学部医学教育センター）
- 演者：**1. Ectopy：Premature Ventricular Contraction-induced Cardiomyopathy（特徴，治療など）
向井 靖（九州大学病院循環器内科）
2. AF and Tachycardia Induced Cardiomyopathy（形態的特徴など）
新井 光太郎（東京女子医科大学循環器内科）
3. Pacing Induced Cardiomyopathy（リスクを含む）
高木 雅彦（関西医科大学不整脈治療センター）
4. AIC in Children（診断，治療など）
宮崎 文（天理よろづ相談所病院小児科）

特別企画セッション 3

● Friday, July 13 16:00-17:30 Room 7

突然死のリスク再考：Current Topics も含めて

- 座長：**吉岡 公一郎（東海大学医学部循環器内科）
志賀 剛（東京女子医科大学循環器内科）
- 演者：**1. 肥大型心筋症
林 研至（金沢大学大学院医学研究科循環器内科学）
2. 心筋梗塞
丹野 郁（昭和大学江東豊洲病院循環器内科）
3. 非虚血性心不全（DANISH の話題も含めて）
網野 真理（東海大学医学部循環器内科）
4. 不整脈原性右室心筋症
菊池 規子（東京女子医科大学循環器内科）
5. 薬剤性（二次性 LQT を含む）
伊藤 英樹（滋賀医科大学医療安全管理部・循環器内科）

Special Session 4 ★

○ Saturday, July 14 11:00-12:30 Room 4

Ethnicity and Anticoagulation Management

Chairpersons :

Yasuo Okumura (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

Eitaro Kodani (Department of Internal Medicine and Cardiology, Nippon Medical School Tama-Nagayama Hospital, Tokyo, Japan)

Speakers :

1. Ethnic difference in oral anticoagulant therapy (From the J-RHYTHM Registry)

Eitaro Kodani (Department of Internal Medicine and Cardiology, Nippon Medical School Tama-Nagayama Hospital, Tokyo, Japan)

2. Oral Anticoagulants for Asian Patients with AF (From Taiwan data)

Yi-Hsin Chan (The Cardiovascular Department, Chang Gung Memorial Hospital, Taiwan)

3. Oral Anticoagulants in Europe

Freek W. A. Verheugt [Onze Lieve Vrouwe Gasthuis (OLVG), Netherlands]

4. Oral Anticoagulants in Japan

Masaharu Akao (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto, Japan)

不整脈手技中の鎮静 ※不整脈専門医 資格更新指定講座

○ Saturday, July 14 9:00-10:00 Room 4

アブレーション手技中の鎮静の実際

座長 : 松本 万夫 (東松山医師会東松山医師会病院 / 埼玉医科大学国際医療センター)

八木 哲夫 (仙台市立病院循環器内科)

演者 : 1. 宮内 靖史 (日本医科大学千葉北総病院循環器内科)

2. 松尾 征一郎 (東京慈恵会医科大学葛飾医療センター循環器内科)

コメンテーター :

1. 横田 美幸 (がん研究会有明病院麻酔科)

2. 坪川 恒久 (東京慈恵会医科大学麻酔科)

教育講演 1

○ Thursday, July 12 8:30-9:30 Room 2

構造的にみた心臓神経—刺激伝導系と神経支配—

座長 : 井上 博 (富山県済生会富山病院)

演者 : 井川 修 (セントマーガレット病院循環器内科 / 日本医科大学多摩永山病院内科・循環器科)

教育講演 2

○ Thursday, July 12 10:30-12:00 Room 2

心電図からみた不整脈の診断 (モニター心電図を含む)

座長 : 笠巻 祐二 (金沢医科大学氷見市民病院総合診療科)

演者 : 1. 心室性不整脈に対する診断と治療

吉岡 公一郎 (東海大学医学部循環器内科)

2. 徐脈性、上室性不整脈

樋口 諭 (東京女子医科大学循環器内科)

教育講演 3

○ Thursday, July 12 13:30-15:00 Room 2

電気生理学的検査 (EP) の基礎—いまさら聞けない心内心電図、マッピングの見方

座長: 福田 浩二 (国際医療福祉大学病院循環器内科ハートリズム科)

演者: 1. 心内心電図のみかた—心室性不整脈

里見 和浩 (東京医科大学循環器内科)

2. 発作性上室性頻拍の電気生理学的検査による鑑別法

江島 浩一郎 (東京女子医科大学循環器内科)

教育講演 4

○ Thursday, July 12 16:00-17:30 Room 2

心臓の細胞電気生理学と心電図の原理

座長: 蒔田 直昌 (長崎大学大学院医歯薬学総合研究科分子生理学分野)

演者: 1. 心臓の細胞電気生理学と心電図の原理—AI 時代に心電図読解者が生きる道は?

古川 哲史 (東京医科歯科大学難治疾患研究所・生体情報薬理学)

2. 心電図の原理

芦原 貴司 (滋賀医科大学循環器内科)

教育講演 5

○ Friday, July 13 8:30-9:30 Room 2

新しいゲノム時代の不整脈診断と治療

座長: 堀江 稔 [滋賀医科大学アジア疫学研究センター (ゲノム疫学)]

演者: 相庭 武司 (国立循環器病研究センター心臓血管内科・不整脈科 / 先端不整脈探索医学研究部)

教育講演 6 ※ ICD/CRT 研修修了証発行対象の教育講演

○ Friday, July 13 10:30-12:00 Room 2

ICD の機能を識る (プログラム設定法, トラブルシューティングを含めて)

座長: 中里 祐二 (順天堂大学医学部附属浦安病院循環器内科)

演者: 1. Stop the ICD Inappropriate Therapy—ただし必要な治療は確実に～

小和瀬 晋弥 (横浜労災病院不整脈科)

2. リードトラブル、感染について

関口 幸夫 (筑波大学医学医療系循環器内科)

教育講演 7

○ Friday, July 13 13:30-15:00 Room 2

抗不整脈薬の基礎と臨床

座長: 山下 武志 (公益財団法人心臓血管研究所)

演者: 1. 不整脈に対するリズム治療のための薬理学的標的因子

杉山 篤 (東邦大学医学部薬理学講座)

2. 臨床と TDM

松本 直樹（聖マリアンナ医科大学薬理学講座）

教育講演 8

● Friday, July 13 16:00-17:30 Room 2

QT 延長症候群、IVF をものにしよう（機序から無症候性のスクリーニングも含めて）

座長：鎌倉 史郎（真星病院循環器科）

演者：1. QT 延長症候群をものにしよう

清水 渉〔日本医科大学内科学（循環器内科）〕

2. Brugada 症候群

永瀬 聡（国立循環器病研究センター心臓血管内科部門）

3. 早期再分極症候群（Early Repolarization Syndrome：ERS）

高橋 尚彦（大分大学医学部循環器内科・臨床検査診断学講座）

教育講演 9

● Saturday, July 14 9:00-10:00 Room 2

失神されど失神～検査方法と指導、NMS、状況失神、Tilt test～

座長：小林 洋一（昭和大学病院）

演者：安部 治彦（産業医科大学医学部不整脈先端治療学）

教育講演 10 ※ ICD/CRT 研修修了証発行対象の教育講演

● Saturday, July 14 11:00-12:30 Room 2

ペースメーカーの機能を識る（トラブルシューティングを含め）

座長：石川 利之（横浜市立大学附属病院循環器内科）

演者：1. ペースメーカーについて

河野 律子（産業医科大学医学部不整脈先端治療学）

2. CRT のトラブルとその管理

三橋 武司（自治医科大学さいたま医療センター循環器内科）

教育講演 11

● Saturday, July 14 14:00-15:00 Room 2

もう一度不整脈の機序を学ぶ

座長：村川 裕二（帝京大学医学部附属溝口病院第四内科）

演者：本荘 晴朗（名古屋大学環境医学研究所液性調節分野）

Pathological Anatomy Seminar 1

● Thursday, July 12 11:00-12:00 Room 12

Potentialities of Cardiac Pacing Therapy from the Viewpoint of Cardiac Structure

Osamu Igawa (Department of Internal Medicine and Cardiology, Saint Marguerite Hospital/Nippon Medical School Tama-Nagayama Hospital)

Co-sponsor: Medtronic Japan Co., Ltd

Pathological Anatomy Seminar 2

○ Friday, July 13 11:00-12:00 Room 12

Reconsidering Mechanism of Arrhythmias from the Viewpoint of Cardiac Structure

Osamu Igawa (Department of Internal Medicine and Cardiology, Saint Marguerite Hospital/Nippon Medical School Tama-Nagayama Hospital)

Co-sponsor: Medtronic Japan Co., Ltd

日本不整脈心電学会 健康保険委員会セッション

○ Thursday, July 12 10:30-12:00 Room 7

遠隔モニタリングの現状と展望

- 座長:** 高木 雅彦 (関西医科大学総合医療センター不整脈治療センター)
今井 克彦 (呉医療センター・中国がんセンター心臓血管外科)
- 演者:** 1. 遠隔モニターの実際の臨床運用に関する実例を踏まえた解説
繁平 和子 (国立循環器病研究センター看護部)
2. 遠隔モニタリング関係の各企業の取り組みの現状紹介
芦原 貴司 (滋賀医科大学循環器内科)
3. 本邦における遠隔モニタリングの臨床データ紹介
渡邊 英一 (藤田保健衛生大学医学部循環器内科)
4. 大きく変化した遠隔医療の各種制度の現状
長谷川 高志 (特定非営利活動法人日本遠隔医療協会)

カテーテルアブレーション委員会セッション

○ Thursday, July 12 16:00-17:30 Room 7

- 座長:** 山根 禎一 (東京慈恵会医科大学附属病院循環器内科)
合屋 雅彦 (東京医科歯科大学医学部循環器内科)
- 演者:** 1. J-AB 開始1年の報告
山根 禎一 (東京慈恵会医科大学附属病院循環器内科)
2. ABLの合併症に関する検討 (食道関連合併症に関して)
合屋 雅彦 (東京医科歯科大学医学部循環器内科)
3. ABL時の麻酔に関する現状報告
宮内 靖史 (日本医科大学千葉北総病院循環器内科)
4. レーザーバルーン ABL の紹介 (その効能と注意点)
野上 昭彦 (筑波メディカルセンター病院循環器内科)
山内 康照 (横浜市立みなと赤十字病院循環器内科)
5. クライオバルーンアブレーションの体外拡張に関する検証
山根 禎一 (東京慈恵会医科大学附属病院循環器内科)

植込み型デバイス委員会セッション

○ Thursday, July 12 10:30-12:00 Room 4

第一部: リードレスペースメーカを安全に植込むために

- 座長:** 草野 研吾 (国立循環器病研究センター心臓血管内科部門)
- 演者:** 1. Micra 植込みの安全をいかに担保するか
中島 博 (千葉西総合病院不整脈センター)

2. 安全な植込みのためのこつ

副島 京子 (杏林大学医学部循環器内科)

第二部：新登録制度 JCDTR について

座長：清水 昭彦 (宇部興産中央病院)

演者：1. 新制度の解説

清水 昭彦 (宇部興産中央病院)

2. 重症心不全患者における非持続性心室頻拍の意義：JCDTR データの解析結果

横式 尚司 (市立札幌病院循環器内科)

The 7th Anti-arrhythmic Therapy Summit ★

● Friday, July 13 16:00-18:30 Room 4

Comprehensive Care for Elderly AF Patients

Chairpersons :

Hiroshi Inoue (Saiseikai Toyama Hospital, Toyama, Japan)

Ken Okumura (Saiseikai Kumamoto Hospital, Kumamoto, Japan)

Speakers :

1. Irregular Blood Flow in Atrial Fibrillation

Takeshi Yamashita (The Cardiovascular Institute, Tokyo, Japan)

2. Management of AF in Patient Undergoing PCI : Current Concepts and Concerns

Katsumi Miyauchi (Department of Cardiovascular Medicine, Juntendo Tokyo Koto Geriatric Medical Center, Tokyo, Japan)

3. Cause and Effect Relationship of Atrial Fibrillation and Heart Failure

Toshihisa Anzai (Department of Cardiovascular Medicine, Hokkaido University Graduate School of Medicine, Hokkaido, Japan)

4. Management of Patients with an Atrial Fibrillation (AF), a Cancer, and stroke

Takao Kanzawa (Department of Stroke Medicine, Institute of Brain and Blood Vessels, Mihara Memorial Hospital, Gunma, Japan)

5. Optimized Management of Vulnerable AF Population with Focus on Elderly and Patients with Comorbidity—Insight of Key Sub-population Evidence of ENGAGE AF TIMI-48 and META Analyses

Andreas Götte (Cardiology and Intensive Care Medicine at St. Vincenz Hospital, Paderborn, Germany)

Co-sponsor: DAIICHI SANKYO CO., LTD.

Sponsored Symposium

● Friday, July 13 16:30-18:30 Room 6

A Challenge to the Operational Excellence—Further Improvement on the Quality of Medical Care—

Chairpersons :

Kazuo Matsumoto (Higashi Matsuyama Medical Association Hospital, Saitama, Japan/Division of Arrhythmia Treatment, Department of Cardiology, International Medical Center, Saitama Medical University, Saitama, Japan)

Kyoko Soejima (Department of Cardiology, Kyorin University School of Medicine, Tokyo, Japan)

Speakers :

1. More Simplified ICM Exam—Introducing Outpatient Implants from Our Cases

Katsuhito Fujiu (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo, Japan)

2. Pacemaker Therapy—Pursuing the Best Practice with Innovation

Makoto Takano (St. Marianna University School of Medicine, Kanagawa, Japan)

3. Cryoballoon Ablation—Improvement of Efficiency and Standardization of the Treatment for Atrial Fibrillation

Hitoshi Hachiya (Tsuchiura Kyodo General Hospital, Ibaraki, Japan)

4. Challenges and Possibility of Heart Team, and the Concept of the“Team Medication”

Akihiro Hayashida (Sakakibara Heart Institute of Okayama, Okayama, Japan)

5. Importance of Collaborative Approach to Medicine in Managing Device Patients

Kohei Ishibashi (Division of Arrhythmia and Electrophysiology, Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

Co-sponsor: Medtronic Japan Co., Ltd.

Educational Seminar

● **Friday, July 13 13:30-15:00 Room 4**

Learn from the Experts: Innovative Device Implants

Chairpersons :

Yuji Nakazato (Department of Cardiology, Juntendo Urayasu Hospital, Chiba, Japan)

Taku Asano (Division of Cardiology, Showa University Fujigaoka Hospital, Kanagawa, Japan)

Speakers :

1. Safety and Effectivity of a New Implanting Approach—Leadless Pacemaker

Yoshio Furukawa (Division of Cardiology, Osaka General Medical Center, Osaka, Japan)

2. Effectively Approaching LV Leads to the Optimal Parts of Patients with Heart Failure—Cardiac Resynchronization Therapy

Kohei Ishibashi (Division of Arrhythmia and Electrophysiology, Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

3. Catheter Approaches with New Pacemaker Leads—His Bundle Pacing

Pugazhendhi Vijayaraman (Geisinger Wyoming Valley Medical Center, Pennsylvania, USA)

Co-sponsor: Medtronic Japan Co., Ltd.

HRS-JHRS Joint Symposium ★

● **Friday, July 13 10:30-12:00 Room 6**

Up-date on CIED Lead Management and Extraction

Chairpersons :

David Callans (University of Pennsylvania, Pennsylvania, USA)

Kazuo Matsumoto (Higashi Matsuyama Medical Association Hospital, Saitama, Japan / Division of Arrhythmia Treatment, Department of Cardiology, International Medical Center, Saitama Medical University, Saitama, Japan)

Speakers :

1. New Expert Consensus Statement of CIED Lead Management and Extraction
Masahiko Goya (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)
2. Trouble Shooting for Complications of Lead Extraction
Roger Carrillo (University of Miami Hospital, Miami, USA)
3. Extraction of Foreign Remnants Using Lead Extraction Techniques
Morio Shoda (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan/Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)
4. Extraction of Leadless Pacemaker
Vivek Reddy (Mount Sinai Heart, Mount Sinai School of Medicine, New York, USA)

EHRA-JHRS Joint Symposium ★

● Thursday, July 12 13:30-15:00 Room 6

Multi-Directional Strategy for LAA Related Thrombo-embolic Events in Patient with AF

Chairpersons :

Kenzo Hirao (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)
Angelo Auricchio (Fondazione Cardiocentro Ticino, Lugano, Switzerland)

Speakers :

1. Multi-directional Strategy for LAA Related Thrombo-embolic Events in Patients with AF – Special Character of LAA Structure
Osamu Igawa (Department of Internal Medicine & Cardiology, Nippon Medical School Tama Nagayama Hospital, Tokyo, Japan)
2. LAA As an Arrhythmogenic Substrate
IC Van Gelder (University Medical Center Groningen, Netherlands)
3. DOAC for Preventing Intra LAA Thrombus
Alan John Camm (St George's, University of London, London, UK)
4. Clinical Results of Surgical Devices for LAA
Katsuhiko Imai (Kure Medical Center, Chugoku Cancer Center, Department of Cardiovascular Surgery, Hiroshima, Japan)

APHRS-JHRS Joint Symposium ★

● Friday, July 13 13:30-15:00 Room 7

Idiopathic Ventricular Arrhythmias – Current Topics of Mapping and Catheter Ablation –

Chairpersons :

Akihiko Nogami (Cardiology Department, Tsukuba Medical Center Hospital, Ibaraki, Japan)
Jonathan M. Kalman (Royal Melbourne Hospital, Melbourne, Australia)

Speakers :

1. Novel Electrophysiological Criteria for Septal Ventricular Outflow Tract Tachycardias Requiring a Sequential Bilateral Ablation
Chin-Yu Lin (Heart Rhythm Center, Division of Cardiology, Department of Medicine, Tai-

pei Veterans General Hospital, Taipei, Taiwan)

2. Multicenter Experience with Catheter Ablation of Refractory Ventricular Fibrillation Storm after Myocardial Infarction

Yuki Komatsu (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

3. Mapping and Ablation of ILVT : How to Make the Most of the His Potential ?

Wei Ma (Tianjin Chest Hospital, China)

4. Effects of Catheter Ablation Targeting the Trigger Beats in Inherited Catecholaminergic Polymorphic Ventricular Tachycardia

Takashi Kaneshiro (Department of Arrhythmia and Cardiac Pacing, Fukushima Medical University, Fukushima, Japan)

Pearls from APHRS ★

○ Friday, July 13 8:30-10:00 Room 6

Chairpersons :

Yuji Murakawa (The Fourth Department of Internal Medicine, Teikyo University School of Medicine, Mizonokuchi Hospital, Japan)

Yoshinori Kobayashi (Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital, Tokyo, Japan)

Speakers :

1. Catheter Ablation of Paroxysmal Atrial Fibrillation: New Technology

Shih-Ann Chen (Taipei Veterans General Hospital, National Yang-Ming University, Taipei, Taiwan)

2. Catheter Ablation of Persistent Atrial Fibrillation: Clinical Outcome

Young-Hoon Kim (Korea University Medical Center, Korea)

3. Catheter Ablation of Asymptomatic Atrial Fibrillation

Jonathan M. Kalman (Royal Melbourne Hospital, Melbourne, Australia)

4. Remotely Controlled Robotic Ablation

Wee Siong Teo (National Heart Centre, Singapore)

日本不整脈心電学会・日本心不全学会・日本循環器心身医学会ジョイントシンポジウム

○ Friday, July 13 13:30-15:00 Room 6

心不全緩和ケアにおける ICD の除細動設定中止について

座長 : 安齊 俊久 (北海道大学大学院医学研究院循環病態内科学教室)

草野 研吾 (国立循環器病研究センター心臓血管内科部門)

演者 : 1. 心不全緩和ケアにおける植込み型除細動設定中止の倫理的背景

大石 醒悟 (兵庫県立姫路循環器病センター循環器内科)

2. ICD 患者・終末期患者の精神的問題

西村 勝治 (東京女子医科大学医学部精神医学講座)

3. 心不全緩和ケアにおける ICD 中止

佐藤 幸人 (兵庫県立尼崎総合医療センター循環器内科)

4. 不整脈デバイス治療の立場から

野田 崇（国立循環器病研究センター心臓血管内科部門）

5. 看護師の立場から

若林 留美（東京女子医科大学病院看護部）

日本不整脈心電学会・日本心臓リハビリテーション学会ジョイントシンポジウム

● Thursday, July 12 16:00-17:30 Room 3

デバイス植込み後の心臓リハビリテーション

座長：牧田 茂（埼玉医科大学国際医療センター心臓リハビリテーション科）

中井 俊子（日本大学医学部内科学系循環器内科学分野）

演者：1. 植込み型心臓電気デバイス（CIED）を装着した変時不全症例における運動耐容能評価の注意点

南口 仁（大阪大学大学院医学系研究科循環器内科学）

2. デバイス植え込み後の心臓リハビリテーション～心理的な立場から～

鈴木 豪（東京女子医科大学循環器内科）

3. 心不全デバイス植え込み患者の包括的な心臓リハビリテーションを考える～Patient Activity の意義～

白石 裕一（京都府立医科大学循環器内科リハビリテーション部）

4. ICD/CRT-D 植込み不全患者に対する心臓リハビリテーションの効果・CPX の安全性と予後の検討

熊坂 礼音（さやま総合クリニック・埼玉石心会病院循環器内科/国立循環器病研究センター循環器内科）

JHRS-CDR ジョイントセッション

● Friday, July 13 13:30-15:00 Room 3

座長：栗田 隆志（近畿大学医学部附属病院心臓血管センター）

演者：1. スクリューリードの回転数とディスロジメントの関連性に関する検討

山口 智之（日本メドトロニック株式会社 CRHF 事業部）

2. 心臓ペースメーカー等のいわゆる“ネジなめ”についての考察

小川 淳（日本ライフライン株式会社不整脈事業推進部）

3. ICD の自動感度調整機能による間欠的 R 波アンダーセンスの可能性について検証

松田 史樹（バイオトロニックジャパン株式会社）

4. 遠隔モニタリングで BiV ペーシング消失が確認された CRTD の一例

園田 書祥（バイオトロニックジャパン株式会社）

5. 摘出されたデバイスが引き起こしたリード不全アラートの 1 例

塩谷 周平（三栄カルディオ株式会社）

6. ペーシング心電図パターンが変化したことで FFRWS Type II が発生した 1 例

平野 晃史（フクダ電子株式会社 CRM 営業課）

7. 心房オーバードライブペーシング機能（AF SuppressionTM）により心室性期外収縮を抑制できた経験

小林 和也（アボットメディカルジャパン株式会社）

日本不整脈心電学会誌「心電図」最優秀論文賞

● Thursday, July 12 10:40-11:00 Room 12

選考委員長：井上 博（富山県済生会富山病院）

選考委員：古川 哲史（東京医科歯科大学難治疾患研究所・生体情報薬理学）

芦原 貴司（滋賀医科大学循環器内科）

大野 聖子（国立循環器病研究センター分子生物学部）

小野 克重（大分大学医学部病態生理学）

安部 治彦（産業医科大学医学部不整脈先端治療学）

住友 直方（埼玉医科大学国際医療センター小児心臓科）

高月 誠司（慶應義塾大学医学部循環器内科）

渡邊 英一（藤田保健衛生大学循環器内科）

Effects of “Minimally-Interrupted” Direct Oral Anticoagulants on the Intensity of Anticoagulation during Atrial Fibrillation Ablation

Masahiro Mizobuchi (The Cardiovascular Center, Kyoto-Katsura Hospital, Kyoto, Japan)

日本不整脈心電学会学術奨励賞

● Thursday, July 12 8:30-9:30 Room 12

選考委員長：河村 光晴（昭和大学医学部内科学講座循環器内科学部門）

選考委員：池田 隆徳（東邦大学大学院医学研究科循環器内科学）

草野 研吾（国立循環器病研究センター心臓血管内科部門）

副島 京子（杏林大学医学部循環器内科）

蒔田 直昌（長崎大学大学院医歯薬学総合研究科分子生理学分野）

村川 裕二（帝京大学医学部附属溝口病院第四内科）

(基礎)

1. Copy Number Variations of SCN5A in Brugada Syndrome

Keiko Sonoda (Department of Cardiovascular Biology and Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

2. In Vitro Platform of Allogeneic Stem Cell-derived Cardiomyocyte Transplantation for Cardiac Conduction Defects

Akira Yoshida (Osaka University Graduate School of Medicine, Osaka, Japan)

(臨床)

3. Heart Failure in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy: What Are the Risk Factors?

Yoshitaka Kimura (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan/Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Miyagi, Japan)

4. Idiopathic Ventricular Arrhythmias Originating From the Vicinity of the Communicating Vein of Cardiac Venous Systems at the Left Ventricular Summit

Yuki Komatsu (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

鈴木謙三記念医科学応用研究財団助成による日本不整脈心電学会論文賞

○ Friday, July 13 10:30-11:00 Room 12

選考委員長：梶木 晶子（九州大学医学部保健学科）

選考委員：相庭 武司（国立循環器病研究センター心臓血管内科・不整脈科 / 先端不整脈探索医学研究部）

小松 隆（岩手医科大学内科学講座循環器内科分野）

清水 渉〔日本医科大学内科学（循環器内科学）〕

高橋 尚彦（大分大学医学部循環器内科・臨床検査診断学講座）

中野 由紀子（広島大学病院循環器内科）

1. Gene-Based Risk Stratification for Cardiac Disorders in LMNA Mutation Carriers

Takeru Makiyama (Kyoto University of Graduate School of Medicine, Kyoto, Japan)

2. Different Responses to Exercise Between Andersen-Tawil Syndrome and Catecholaminergic Polymorphic Ventricular Tachycardia

Yuko Inoue (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

メディカルプロフェッショナルシンポジウム 1

○ Thursday, July 12 8:30-9:30 Room 3

心臓イオンチャネルとイオンチャネル病

座長：渡邊 英一（藤田保健衛生大学循環器内科）

演者：森田 宏（岡山大学大学院医歯薬学総合研究科先端循環器治療学講座）

メディカルプロフェッショナルシンポジウム 2

○ Thursday, July 12 10:30-12:00 Room 3

デバイスナーズの現状と展望

座長：栗田 康生（国際医療福祉大学大学院特定行為看護師養成分野 / 国際医療福祉大学三田病院心臓血管センター）

前田 明子（杏林大学医学部附属病院循環器内科不整脈センター）

演者：1. デバイスナーズの現状と展望

菅 令子（鳥取県立中央病院ペースメーカー患者指導室）

2. 心臓植込みデバイス患者をトータルにケアする診療看護師（NP）を目指して

前田 明子（杏林大学医学部附属病院循環器内科不整脈センター）

3. 当院における心臓植込みデバイス患者への関わり

繁平 和子（国立循環器病研究センター看護部）

メディカルプロフェッショナルシンポジウム 3

○ Thursday, July 12 13:30-15:00 Room 3

デバイス患者心不全管理におけるメディカルスタッフのやるべきこと

座長：渡邊 英一（藤田保健衛生大学循環器内科）

堺 美郎（済生会熊本病院臨床工学部門）

演者：1. 遠隔モニタリングによる心不全管理

西井 伸洋（岡山大学大学院医歯薬学総合研究科先端循環器治療学講座）

2. デバイス患者の心不全管理とメンタルケア

中野 直美 (慶應義塾大学病院看護部)

3. 心エコーは CRT 患者には不要である？

山崎 正之 (社会福祉法人恩賜財団大阪府済生会中津病院検査技術部)

4. デバイス患者心不全管理におけるメディカルスタッフのやるべきことー臨床工学技士にできることー

山内 亜由美 (浦添総合病院 ME 科)

メディカルプロフェッショナルシンポジウム 4

● Friday, July 13 8:30-9:30 Room 3

あなたならどうする この心電図

座長：庭野 慎一 (北里大学医学部循環器内科学)

因田 恭也 (名古屋大学医学部循環器内科)

演者：1. 致死性不整脈疾患の診断と治療：知っておきたい洞調律時 12 誘導心電図の特徴

森島 逸郎 (大垣市民病院循環器内科)

2. 発作性心房細動と診断されて紹介となった症例と完全房室ブロック作成後心不全症状が増悪した症例の心電図

新田 順一 (さいたま赤十字病院循環器内科)

メディカルプロフェッショナルシンポジウム 5

● Friday, July 13 10:30-12:00 Room 3

デバイス業務・アブレーション業務のヒヤリハット経験とその対策

座長：森下 達雄 (横須賀共済病院臨床工学科)

島峰 徹也 (横浜市立大学附属市民総合医療センター臨床工学担当)

演者：1. 当院におけるデバイス業務のヒヤリハット経験とその対策

柴田 信哉 (聖路加国際病院臨床工学科臨床工学室)

2. 心臓植込みデバイス業務における医療事故と対策

三浦 晃裕 (奈良県立医科大学付属病院医療医術センター)

3. 当院におけるアブレーション業務のヒヤリハット経験とその対策

小島 優 (東海大学医学部付属病院診療技術部臨床工学技術科)

4. アブレーション業務のヒヤリハット経験とその対策

武生 紋佳 (小倉記念病院検査技師部工学課)

メディカルプロフェッショナルシンポジウム 6

● Saturday, July 14 9:00-10:00 Room 3

抗不整脈薬を用いた不整脈薬治療の基礎

座長：河野 律子 (産業医科大学医学部不整脈先端治療学)

演者：池主 雅臣 (新潟大学医学部保健学科)

メディカルプロフェッショナルシンポジウム 7

● Saturday, July 14 11:00-12:30 Room 3

心電図を究めるとりかた：他施設はどうしてる？ーアンケートの結果からー

座長：庭野 慎一 (北里大学医学部循環器内科学)

一戸 香都江 (青森慈恵会病院臨床検査科)

辻井 正人（三重ハートセンター診療支援部臨床生理機能検査）

演者：1. 心電図のとりかた—アンケート結果報告—

花田 麻美（九州大学病院ハートセンター）

2. 心電図手技の統一化の必要性について—この標準化、誰のもの—

山本 誠一（岡村一心堂病院臨床検査室）

3. 心電図を究めるとりかた～基本に戻って確認してみましよう～

渡辺 智美（市立秋田総合病院臨床検査科）

4. 心電図を究めるとりかた：知っておきたい～心電図波形に影響を与える因子～

中村 良幸（国立国際医療研究センター病院中央検査部門）

教育講座 1

○ Friday, July 13 16:00-19:00 Room 3

病態を学んで診断に役立てよう！

座長：山科 章（東京医科大学／東京医科大学医学教育推進センター）

演者：1. 心房細動の発症メカニズムと診断・治療に関する現在と未来

佐々木 毅（国立病院機構災害医療センター不整脈センター）

2. 二次性心筋症を鑑別しよう！あなたの診断が治療を変える！

久保 亨（高知大学医学部老年病・循環器内科学）

共催：日本光電工業株式会社

教育講座 2

○ Saturday, July 14 14:00-17:00 Room 3

ワンランク上を目指すメディカルプロフェッショナルのための心電図レッスン

座長：井上 博（富山県済生会富山病院）

池田 隆徳（東邦大学大学院医学研究科循環器内科学）

演者：1. 危険な不整脈の見分け方

因田 恭也（名古屋大学医学部循環器内科）

2. モニター心電図とその臨床応用：ホルター心電図にも応用できます

渡邊 英一（藤田保健衛生大学循環器内科）

3. 虚血性心疾患診断における運動負荷心電図の活用

草間 芳樹（本庄総合病院）

共催：フクダ電子株式会社

教育講座 3

○ Saturday, July 14 14:00-16:30 Room 6

超高齢者社会における抗血栓療法を考える

座長：新 博次（南八王子病院／日本医科大学多摩永山病院）

高田 めぐみ（榊原記念クリニック）

演者：1. 高齢者心房細動患者のアドヒアランスについて考える

倉田 なおみ（昭和大学薬学部薬剤学教室）

2. 動脈血栓・静脈血栓の基礎

梅村 和夫（浜松医科大学薬理学）

3. 心房細動合併冠動脈疾患における抗血小板薬の使い方

岡山 英樹 (愛媛県立中央病院循環器病センター)

4. 高齢者心房細動患者における抗凝固療法

志賀 剛 (東京女子医科大学循環器内科)

5. Onco-Cardiology について

波多野 将 (東京大学医学部附属病院重症心不全治療開発講座)

共催：第一三共株式会社

J-LEX キックオフミーティング

● Friday, July 13 16:00-16:30 Room 6

草野 研吾 (国立循環器病研究センター心臓血管内科部門)

J-PRES 3 キックオフミーティング

● Thursday, July 12 11:30-12:00 Room 6

蒔田 直昌 (長崎大学大学院医歯薬学総合研究科分子生理学分野)

Morning Seminar 1

● Friday, July 13 7:30-8:20 Room 6

Morning How to session

Chairperson :

Yukio Sekiguchi (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

Speakers :

1. Snaring Techniques for Lead Extraction

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

2. Percutaneous Retrieval of Endovascular Remnants

Morio Shoda (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan/Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

Co-sponsor: HEIWA BUSSAN CO., LTD.

Morning Seminar 2

● Friday, July 13 7:30-8:20 Room 7

Cardiac MRI Strain Analysis and T1 Map: Investigation of Arrhythmia Mechanism

Chairperson :

Yasushi Mukai (Department of Cardiology, Kyushu University Hospital, Fukuoka, Japan)

Speaker :

Michinobu Nagao (Department of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University, Tokyo, Japan)

Co-sponsor: CANON MEDICAL SYSTEMS CORPORATION

Morning Seminar 3

● Saturday, July 14 7:30-8:20 Room 7

EP Navigator for Treatment of Cardiac Arrhythmias

Chairperson :

Yumie Matsui (Department of Cardiology, Pref Osaka Saiseikai Izuo Hospital, Osaka, Japan)

Speaker :

Eitaro Fujii (Department of Cardiology and Nephrology, Mie University Graduate School of Medicine, Mie, Japan)

Co-sponsor: Philips Japan, Ltd.

Morning Seminar 4

● Saturday, July 14 7:30-8:20 Room 9

Current Trend in Catheter Ablation ~The Latest Procedures to Sedation Management~

Chairperson :

Yasushi Miyauchi (Department of Cardiovascular Medicine, Nippon Medical School Chiba Hokusoh Hospital, Chiba, Japan)

Speaker :

Kazutaka Aonuma (Department of Cardiology, Institute of Clinical Medicine, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

Co-sponsor: Pfizer Japan Inc.

Luncheon Seminar 1

● Wednesday, July 11 12:00-13:00 Room 2/3

Reconsidering the Evolution of ICD Therapy

Chairperson :

Takashi Kurita (Kindai University Hospital, Osaka, Japan)

Speaker :

Nobuhiro Nishii (Okayama University Hospital, Osaka, Japan)

Co-sponsor: Medtronic Japan Co., Ltd.

Luncheon Seminar 2 ★

● Thursday, July 12 12:20-13:20 Room 1

Tips and Tricks for a Safe and Effective Pulmonary Vein Isolation Using Endoscopic Balloon Ablation System

Chairperson :

Akihiko Nogami (Cardiology Department, Tsukuba Medical Center Hospital, Ibaraki, Japan)

Speaker :

Andreas Metzner (Asklepios Klinik St. Georg, Hamburg, Germany)

Co-sponsor: Japan Lifeline Co., Ltd.

Luncheon Seminar 3 ★

● Thursday, July 12 12:20-13:20 Room 2

Managing Anticoagulation for Atrial Fibrillation in NOAC Era: Recent Progress and Future Strategies

Chairperson :

Takeshi Yamashita (The Cardiovascular Institute, Tokyo, Japan)

Speakers :

1. The AF Management in a Progressive Aging of Society

Kazuhiro Satomi (Department of Cardiology, Tokyo Medical University Tokyo, Japan)

2. The Challenge of the Multi-morbid Atrial Fibrillation Patient

A John Camm (Molecular and Clinical Sciences Research Institute, St George's University of London, London, UK/Molecular and Clinical Sciences Institute, Imperial College, London, UK)

Co-sponsor: Bayer Yakuhin, Ltd.

Luncheon Seminar 4 ★

● Thursday, July 12 12:20-13:20 Room 3

The Ablation Strategy with Using Latest Mapping Technology

Chairperson :

Masahiko Goya (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

Speakers :

1. Ripple Mapping to Overcome the Limitation of Conventional Mapping Method

Prapa Kanagaratnam (Imperial College Healthcare, London, UK)

2. The Advantage of Ripple Mapping for Complex AT and AF case

Taishi Kuwahara (Tokyo Heart Rhythm Clinic, Tokyo, Japan)

Co-sponsor: Johnson & Johnson K.K.

Luncheon Seminar 5 ★

● Thursday, July 12 12:20-13:20 Room 4

Expertise the CRT!! —Think Smart for CRT—

Chairperson :

Toshiko Nakai (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

Speakers :

1. Suneet Mittal (The Valley Hospital, USA)

2. Takashi Noda (National Cerebral and Cardiovascular Center, Osaka, Japan)

Co-sponsor: Boston Scientific Japan K.K.

Luncheon Seminar 6

● Thursday, July 12 12:20-13:20 Room 5

Addressing the Challenge of Non-Responders: Trend of CRT Optimization

Chairperson :

Itsuro Morishima (Ogaki Municipal Hospital, Gifu, Japan)

Speaker :

Takumi Yamada (University of Alabama at Birmingham, USA)

Co-sponsor: Abbott Medical Japan Co., Ltd.

Luncheon Seminar 7 ★

○ Thursday, July 12 12:20-13:20 Room 6

Optimal Diagnosis and Treatment of AF in Patients with Heart Failure

Chairperson :

Hiroshi Tada (Department of Cardiovascular Medicine, Faculty of Medical Sciences, University of Fukui Hospital, Fukui, Japan)

Speaker :

IC Van Gelder (University of Groningen, Netherlands)

Co-sponsor: Bristol-Myers Squibb/Pfizer Japan Inc.

Luncheon Seminar 8

○ Thursday, July 12 12:20-13:20 Room 7

Common Soil for Diabetes and Cardiovascular Disease

Chairperson :

Nobuhisa Hagiwara (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Speaker :

Shu Meguro (Nephrology, Endocrinology and Metabolism Division, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan)

Co-sponsor: MSD K.K.

Luncheon Seminar 9

○ Thursday, July 12 12:20-13:20 Room 8

Preventing Sudden Death From New Aspects

Chairperson :

Takanori Ikeda (Toho University Faculty of Medicine/Medical Center, Tokyo, Japan)

Speakers :

1. Approaches to Syncope Practice and Its Clinical Data

Yoshinao Yazaki (Tokyo Medical University Hospital, Tokyo, Japan)

2. Utilizing ICM to Prevent Sudden Death

Kengo Kusano (National Cerebral and Cardiovascular Center, Osaka, Japan)

Co-sponsor: Medtronic Japan Co., Ltd.

Luncheon Seminar 10 ★

○ Thursday, July 12 12:20-13:20 Room 9

Mechanical Lead Extraction Approach - Focus on Evolution[®] RL

Chairperson :

Takashi Yamada (Takaishi Fujii Cardio-Vascular Hospital, Osaka Japan)

Speakers :

1. Christoph T. Starck (Department of Cardiothoracic and Vascular Surgery, German Heart Institute Berlin, Berlin, Germany)
2. Nigel Lever (Director of the Heart Rhythm Section, Green Lane Cardiovascular Service, Auckland Hospital, Auckland, New Zealand)

Co-sponsor: Cook Japan, Inc.

Luncheon Seminar 11

● Thursday, July 12 12:20-13:20 Room 10

How Do You Manage Atrial Functional Mitral and Tricuspid Regurgitation?

Chairperson :

Morio Shoda (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan/Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

Speaker :

Toshihiko Shibata (Department of Cardiovascular Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan)

Co-sponsor: DAIICHI SANKYO CO., LTD.

Luncheon Seminar 12

● Thursday, July 12 12:20-13:20 Room 11

Challenges to Achieve the World without "Touch-Up Ablation" ~Prospects and Expectations of HotBalloon Ablation with Accumulated Experiences of 73°C Version Up~

Chairperson :

Yoshinori Kobayashi (Tokai University Hachioji Hospital, Tokyo, Japan)

Speaker :

Hiroshi Sohara (The Heart Rhythm Center, Osaki Hospital · Tokyo Heart Center)

Co-sponsor: Century Medical, Inc.

Luncheon Seminar 13 ★

● Friday, July 13 12:20-13:20 Room 1

Ablation Index Japan Debut — Tips and Tricks / Closing the Gap Towards Durable Pulmonary Vein Isolation

Chairperson :

Ken Okumura (Saiseikai Kumamoto Hospital, Kumamoto, Japan)

Speakers :

1. Ablation Index Japan Debut—Tips and Tricks
Ken Okumura (Saiseikai Kumamoto Hospital, Kumamoto, Japan)
2. Closing the Gap Towards Durable Pulmonary Vein Isolation
Mattias Duytschaever (AZ St-Jan Brugge-Oostende AV, Bruges, Belgium)

Co-sponsor: Johnson & Johnson K.K.

Luncheon Seminar 14

● Friday, July 13 12:20-13:20 Room 2

The Current State of Home Monitoring

Chairperson :

Eiichi Watanabe (Department of Cardiology, Fujita Health University School of Medicine, Aichi, Japan)

Speakers :

1. Home Monitoring in Daily Practice

Tetsuyuki Manaka (Asakusa Heart Clinic, Tokyo, Japan)

2. The atHome Study: Clinical Evidence from Japan

Kenji Ando (Department of Cardiology, Kokura Memorial Hospital, Fukuoka, Japan)

Co-sponsor: BIOTRONIK Japan Inc.

Luncheon Seminar 15

● Friday, July 13 12:20-13:20 Room 3

Explore New World with High Definition Mapping

Chairperson :

Atsushi Takahashi (Yokosuka Kyosai Hospital, Kanagawa, Japan)

Speakers :

Kenichi Hiroshima (Kokura Memorial Hospital, Fukuoka, Japan)

Shinsuke Miyazaki (University of Fukui Hospital, Fukui, Japan)

Co-sponsor: Boston Scientific Japan K.K.

Luncheon Seminar 16

● Friday, July 13 12:20-13:20 Room 4

Novel, 14-day Leadless, Adhesive Patch Electrocardiographic Monitoring to Identify Atrial Tachyarrhythmia Following Catheter Ablation of Atrial Fibrillation

Chairperson :

Shingo Sasaki (Department of Cardiology and Nephrology, Hirosaki University Graduate School of Medicine Hirosaki, Aomori, Japan)

Speaker :

Yuichiro Sakamoto (Toyohashi Heart Center, Aichi, Japan)

Co-sponsor: Fukuda Denshi Co., Ltd.

Luncheon Seminar 17

● Friday, July 13 12:20-13:20 Room 5

Expanding the World by "Surface" —Keys to Maximizing the Potential of Cryoballoon—

Chairperson :

Junichi Nitta (Saitama Red Cross Hospital, Saitama, Japan)

Speaker :

Atsushi Kobori (Kobe City Medical Center General Hospital, Hyogo, Japan)

Co-sponsor: Medtronic Japan Co., Ltd.

Luncheon Seminar 18 ★

● Friday, July 13 12:20-13:20 Room 6

Initial Clinical Experience in Complex Atrial and Ventricular Cases with New Device “Advisor™ HD Grid” : What To See differently

Chairperson :

Kenzo Hirao (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

Speaker :

Jacob Koruth (Mount Sinai Medical Center, NY, USA)

Co-sponsor: Abbott Medical Japan Co., Ltd.

Luncheon Seminar 19 ★

● Friday, July 13 12:20-13:20 Room 7

A Keyword for CRT Patients: Customized Optimization

Chairperson :

Kyoko Soejima (Department of Cardiology, Kyorin University Hospital, Tokyo, Japan)

Speaker :

Angelo Auricchio (Fondazione Cardiocentro Ticino, Lugano, Switzerland)

Co-sponsor: Japan Lifeline Co., Ltd.

Luncheon Seminar 20

● Friday, July 13 12:20-13:20 Room 8

Consider Heart Failure Management with WCD and Remote Monitoring

Chairperson :

Takeshi Mitsuhashi (Associate Professor, Jichi Medical University Saitama Medical Center, Cardiology, Saitama, Japan)

Speakers :

1. Who is the Remote Monitoring System for?

Morio Shoda (Tokyo Women's Medical University, Cardio Vascular Medicine, Tokyo, Japan/Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

2. New Paradigm of Heart Failure Management Based on the Temporal Axes

Takayuki Inomata (Department of Cardiovascular Medicine, Kitasato University Kitasato Institute Hospital, Kanagawa, Japan)

Co-sponsor: Asahi Kasei ZOLL Medical Corporation

Luncheon Seminar 21 ★

● Friday, July 13 12:20-13:20 Room 9

Why Anticoagulation and Why NOACs? Clinical Challenges in SPAF

Chairperson :

Shimizu Wataru (Department of Cardiovascular Medicine, Graduate School of Medicine, Nippon Medical School, Tokyo, Japan)

Speaker :

Freek W.A. Verheugt (University Hospital, Nijmegen, Netherlands)

Co-sponsor: Bristol-Myers Squibb/Pfizer Japan Inc.

Luncheon Seminar 22

● **Friday, July 13 12:20-13:20 Room 10**

The Role of β blocker and Elucidation of the Pathogenesis for Arrhythmia in Patient with Heart Failure

Chairperson :

Naohiko Takahashi (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Oita, Japan)

Speaker :

Takeshi Aiba (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

Co-sponsor: ONO PHARMACEUTICAL CO., LTD.

Luncheon Seminar 23

● **Friday, July 13 12:20-13:20 Room 12**

The Second Report on Mid-Term Follow-Up of HotBallon Post Marketing Surveillance (PMS) Results and Future Prospects

Chairperson :

Teiichi Yamane (Division of Cardiology, Jikei University School of Medicine Hospital, Tokyo, Japan)

Speaker :

Yukihiko Yoshida (Division of Cardiology, Japanese Red Cross Nagoya Daini Hospital, Aichi, Japan)

Co-sponsor: Toray Industries, Inc.

Luncheon Seminar 24 ★

● **Saturday, July 14 12:40-13:40 Room 1**

LAAC WATCHOUT for the Next Strategy, for the Right Patient —Left Atrial Appendage Closure for AF-stroke Prevention—

Chairperson :

Kenzo Hirao (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

Speakers :

1. How a LAA Closure System and Global Clinical Data are Changing the Landscape of AF-stroke Prevention

Shephal K. Doshi (Cardiac Electrophysiology Research, Pacific Heart Institute, USA)

2. A Perspective of LAA Closure for Japanese Patients: Insights from Early Experience

Kazutaka Aonuma (Department of Cardiology, University of Tsukuba, Ibaraki, Japan)

Co-sponsor: Boston Scientific Japan K.K.

Luncheon Seminar 25

● Saturday, July 14 12:40-13:40 Room 2

Cardiac Anatomy for the Treatment of Cardiac Arrhythmia: Consideration of MultiPoint™ Pacing from an Anatomical Perspective

Chairperson :

Shingo Sasaki (Hirosaki University, Aomori, Japan)

Speaker :

Osamu Igawa (Nippon Medical School Tama Nagayama Hospital, Tokyo, Japan)

Co-sponsor: Abbott Medical Japan Co., Ltd.

Luncheon Seminar 26

● Saturday, July 14 12:40-13:40 Room 4

Proper Use of Class III Antiarrhythmic Drugs: Focus on Nifekalant and Amiodarone

Chairperson :

Kengo Kusano (Department of Cardiovascular Center, National Cerebral and Cardiovascular Center, Osaka, Japan)

Speaker :

Tsuyoshi Shiga (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Co-sponsor: TOAEIYO LTD.

Luncheon Seminar 27

● Saturday, July 14 12:40-13:40 Room 5

Comprehensive Management of Patients with Cardiac Implantable Device : What We Can Do to Improve Patients' Quality of Life

Chairperson :

Ayako Okada (Shinshu University Hospital, Nagano, Japan)

Speaker :

Katsuhito Fujii (The University of Tokyo Hospital, Tokyo, Japan)

Co-sponsor: Medtronic Japan Co., Ltd.

Luncheon Seminar 28 ★

● Saturday, July 14 12:40-13:40 Room 6

High Density Mapping in Complex Arrhythmia Ablation

Chairperson :

Yasuo Okumura (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

Speaker :

Kim Rajappan (Consultant Cardiologist & Electrophysiologist, John Radcliffe Hospital, Oxford University, UK)

Co-sponsor: Nihon Kohden Corporation

Luncheon Seminar 29 ★

○ Saturday, July 14 12:40-13:40 Room 7

Stroke Prevention -Insight from Clinical Experience in Taiwan-

Chairperson :

Ken Okumura (Saiseikai Kumamoto Hospital, Kumamoto, Japan)

Speaker :

Yi-Hsin Chan (Director, Microscopy Core Laboratory, the Cardiovascular Department, Chang Gung Memorial Hospital, Taiwan)

Co-sponsor: Nippon Boehringer Ingelheim Co., Ltd.

Luncheon Seminar 30 ★

○ Saturday, July 14 12:40-13:40 Room 8

10 Years of Excimer Laser Lead Extraction in Japan

Chairperson :

Hideo Okamura (Cardiology, National Hospital Organization Wakayama Hospital, Wakayama, Japan)

Speaker :

Roger G. Carrillo (Associate Professor of Clinical Surgery, University of Miami Miller School of Medicine, University of Miami Hospital, USA)

Co-sponsor: DVx Inc.

Luncheon Seminar 31

○ Saturday, July 14 12:40-13:40 Room 9

Sleep Apnea Syndrome and Cardiovascular Disease—Time to Act!

Chairperson :

Nobuhisa Hagiwara (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Speaker :

Yoshifumi Takata (Department of Cardiology, Tokyo Medical University, Tokyo, Japan)

Co-sponsor: Teijin Home Healthcare Limited

Sponsored Seminar 1

○ Thursday, July 12 13:30-15:00 Room 4

Unmet Medical Needs of Atrial Fibrillation

Chairperson :

Nobuhisa Hagiwara (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Speakers :

1. Unmet Medical Needs for AF Management (Drug & Ablation)

Kengo Kusano (Division of Arrhythmia and Electrophysiology, Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

2. What is the optimal strategy in elderly patients with atrial fibrillation?

~From anticoagulation therapy to catheter ablation~

Yasuo Okumura (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

3. Toward Future Anticoagulation in AF

Takeshi Yamashita (The Cardiovascular Institute, Tokyo, Japan)

Co-sponsor: Eisai Co., Ltd.

Sponsored Seminar 2 ★

● Thursday, July 12 10:30-11:30 Room 6

Latest Evidence for Ablation in Heart Failure Patients: CASTLE-AF

Chairperson :

Makoto Suzuki (Department of Cardiology, Yokohama Minami Kyou Sai Hospital, Kanagawa, Japan)

Speaker :

Johannes Brachmann (Klinikum Coburg, Coburg, Germany)

Co-sponsor: BIOTRONIK Japan Inc.

Sponsored Seminar 3

● Friday, July 13 8:30-9:30 Room 5

Catheter Ablation Advanced Course “Improvements of Efficacy and Safety of Radiofrequency Catheter Ablation”

Chairperson :

Yoshihide Takahashi (Advanced Arrhythmia Research, Tokyo Medical and Dental University, Tokyo, Japan)

Speaker :

Hiroshi Nakagawa (Clinical Catheter Ablation Program/Translational Electrophysiology, Heart Rhythm Institute/University of Oklahoma Health Sciences Center, Oklahoma, USA)

Co-sponsor: Japan Lifeline Co., Ltd.

Sponsored Seminar 4 ★

● Friday, July 13 13:30-14:30 Room 5

The Future of Catheter Ablation

Chairperson :

Kaoru Okishige (Yokohama City Minato Red Cross Hospital, Kanagawa, Japan)

Speaker :

Vivek Reddy (The Mount Sinai Hospital, USA)

Co-sponsor: Johnson & Johnson K. K.

Sponsored Seminar 5

● Saturday, July 14 8:30-10:00 Room 5

IoT : The Prospects of Telemedicine. COLLABORATION with Other Fields—HARMONIZATION of Arrhythmia and Hypertension—

Chairperson :

Tsuyoshi Shiga (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Speakers :

1. Digital Healthcare Solutions for Arrhythmia Management

Takehiro Kimura (Department of Cardiology, Keio University School of Medicine, Tokyo, Japan)

2. Telemedicine as a Method of Outreach for Untreated, Under-treated, or Unsatisfied Hypertensive Patients

Junichi Yatabe (Department of Medicine II, Endocrinology and Hypertension, Tokyo Women's Medical University, Tokyo, Japan)

3. Utilization of Personal Health Record (PHR) with IoT: Now and Future

Takeru Hiki (Welby Inc.)

Co-sponsor: Takeda Pharmaceutical Company Limited

Sponsored Seminar 6

● **Saturday, July 14 11:00-12:30 Room 5**

Effective CRT Guided by the Latest Features—AdaptivCRT+EffectivCRT—

Chairperson :

Kazuhiro Satomi (Tokyo Medical University Hospital, Tokyo, Japan)

Speakers :

1. Effective CRT Guided by the Latest Features—AdaptivCRT+EffectivCRT—

Takashi Noda (National Cerebral and Cardiovascular Center, Osaka, Japan)

2. The Truth of CRT Therapy Unlocked by Exercise Stress

Ikutaro Nakajima (St. Marianna University School of Medicine Hospital, Kanagawa, Japan)

3. Obstructive Pacing Factors Discovered by EffectivCRT

Toshinori Makita (Osaka Red Cross Hospital, Osaka, Japan)

Co-sponsor: Medtronic Japan Co., Ltd.

Sponsored Seminar 7

● **Saturday, July 14 11:00-12:00 Room 12**

Catheter Delivery Approach as an Alternative Way to Lead Implantation: Will It Become a Standard?

Chairperson :

Ritsushi Kato (Saitama Medical University International Medical Center, Saitama, Japan)

Speaker :

Hiroshi Nakajima (Chiba Nishi General Hospital, Chiba, Japan/Japan Research Institute for Device Therapy, Tokyo, Japan)

Co-sponsor: Medtronic Japan Co., Ltd.

Young Investigator Award Competition

● **Thursday, July 12 16:00-17:30 Room 12**

Chairpersons :

Hiroshi Tada (Department of Cardiovascular Medicine, University of Fukui Hospital, Fukui, Japan)

Mitsuharu Kawamura (Division of Cardiology Showa University School of Medicine, Tokyo, Ja-

pan)

Speakers :

YIA-1. Incidence of Batrial Tachycardia after Ablation for the Anterior Left Atrial Wall

Tomoyuki Arai (Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

YIA-2. Assessment of Adenosine Triphosphate Test and Necessity of Additional Gap Ablation after Cryoballoon Pulmonary Vein Isolation

Yuzuru Matsumoto (Kobe City Medical Center General Hospital, Hyogo, Japan)

YIA-3. Degeneration of Electrical Breakthrough between Pulmonary Vein and Left Atrium in Elderly Patients with Atrial Fibrillation

Ryota Isogai (Division of Cardiology, Department of Internal Medicine, The Jikei University School of Medicine Katsushika Medical Center, Tokyo, Japan)

YIA-4. Effect Under-recognition of Symptom on Treatment Strategy and Quality of Life in Outpatients with Atrial Fibrillation

Yoshinori Katsumata (Department of Cardiology, Keio University School of Medicine, Tokyo, Japan)

YIA-5. Identification of the Circuit of Idiopathic Left Ventricular Tachycardia with Ultra-high Density Mapping

Masato Fukunaga (Department of Cardiology, Kokura Memorial Hospital, Fukuoka, Japan)

YIA-6. Angiotensin II Overload in SERCA2 C674S Heterozygote Knock-in Mice Leads to QT Prolongation and Lethal Ventricular Arrhythmia

Kei Ito (Department of Cardiology, National Defence Medical College, Saitama, Japan)

Oral Presentation 1

● Thursday, July 12 8:30-9:30 Room 7

AVNRT

Chairpersons :

Kenichiro Otomo (Ome Municipal General Hospital, Tokyo, Japan)

Yasushi Mukai (Cardiovascular Medicine, Kyushu University, Fukuoka, Japan)

Speakers :

O1-1. Use of Premature Ventricular Extrastimuli from Both Apex and Base during Supraventricular Tachycardia to Differentiate Atrioventricular Nodal Reentrant Tachycardia from Orthodromic Reciprocating Tachycardia

Hiroyuki Ito (Division of Cardiology, Department of Medicine, Showa University, Tokyo, Japan)

O1-2. Shift in the Retrograde Atrial Activation Sequence Following Radiofrequency Modification during Left-variant Atypical Atrioventricular Nodal Reentrant Tachycardia

Takashi Nakashima (Department of Cardiology, Graduate School of Medicine, Gifu University, Gifu, Japan)

O1-3. Efficacy of Catheter Ablation Sites Bifacial Atrial Septum in 14-years-old Boy with Fast-slow Atrioventricular Nodal Reentrant Tachycardia

Kenji Miyamoto (Department of pediatrics, Dokkyo Medical University, Tochigi, Japan)

O1-4. Results of Cryofreezing Ablation in Atrioventricular Nodal Reentrant Tachycardia in Our

Hospital.

Kei Yamamoto (Kokura Memorial Hospital, Fukuoka, Japan)

O1-5. Successful Cryoablation for Atrioventricular Nodal Reentrant Tachycardia in a Child with Atrioventricular Septal Defect

Wataru Shoin (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

Oral Presentation 2 ★

● Thursday, July 12 8:30-9:30 Room 8

CRT

Chairpersons :

Taijiro Sueda (Department of Surgery, Applied Life Sciences Institute of Biomedical & Health Sciences, Hiroshima University, Japan)

Mahito Noro (Cardiovascular Medical Center, Toho University Sakura Medical Hospital, Chiba, Japan)

Speakers :

O2-1. Prognosis after CRT Implantation in Patients with Inotrope-dependent Heart Failure

Daisuke Yakabe (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)

O2-2. Predictors and Clinical Outcomes of Volume Responder to Cardiac Resynchronization Therapy

Minako Ohara (The Sakakibara Heart Institute of Okayama, Okayama, Japan)

O2-3. An Emergency Catheter Ablation and Cardiac Resynchronization Therapy with Pacing Ameliorated Severe Heart Failure with Atrial Flutter and Complete Left Bundle Branch Block

Mitsunori Harada (Department of Cardiology, Kariya Toyota General Hospital, Aichi, Japan)

O2-4. Successful Bail Out of Coronary Sinus Severe Dissection during CRT Implantation

Shozo Ishihara (Department of cardiology, Mimihara General Hospital, Osaka, Japan)

O2-5. Preoperative Cardiac Output is Relatively Preserved in CRT Responders

Sayaka Kurokawa (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

Oral Presentation 3 ★

● Thursday, July 12 10:30-12:00 Room 8

Cryoballoon AF Ablation 1

Chairpersons :

Seiji Takatsuki (Department of Cardiology, Keio University School of Medicine, Tokyo, Japan)

Michifumi Tokuda (Division of Cardiology, Department of Internal Medicine, the Jikei University School of Medicine, Tokyo, Japan)

Speakers :

O3-1. Impact of Anatomic Features of Pulmonary Veins on the Outcome of Pulmonary Vein Isolation Using 2nd-generation Cryoballoon

Takatsugu Kajiyama (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

O3-2. PV Isolation and Non-PV/SVC Foci in Contact Force and Cryoballoon Era

Yukoh Hirai (Department of Cardiology, Kure Kyosai Hospital, Hiroshima, Japan)

O3-3. Comparisons of In-procedural Predictors for Successful Pulmonary Vein Isolation Using 2nd-generation Cryoballoon

Takatsugu Kajiyama (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

O3-4. Durability of Pulmonary Vein Isolation after Touch-Up Ablation Following Cryoballoon Ablation

Rintaro Hojo (The Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

O3-5. Spatial Location of Right Inferior Pulmonary Vein Relative to Right Atrium-SVC Junction Influences Results of Cryo-Balloon Ablation in Paroxysmal Atrial Fibrillation

Tomihisa Nanao (The Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital, Tokyo, Japan)

O3-6. Predicting Factors of Transmural Thermal Injury after Pulmonary Vein Isolation with Cryoballoon Ablation

Yoshiyuki Matsumoto (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima, Japan)

O3-7. Clinical Impact of Rapid Ventricular Pacing Technic during Left Atrial Posterior Isolation by Cryoballoon: A Randomized Controlled Trial

Takuro Nishimura (Japan Red Cross Yokohama City Bay Hospital, Department of Cardiology, Kanagawa, Japan)

O3-8. Increase of C Reactive Protein Is Associated with Early Recurrence of Atrial Fibrillation after Cryoballoon Ablation

Kenichi Yokoyama (Cardiology, Jikei University School of Medicine, Tokyo, Japan)

Oral Presentation 4 ★

● Thursday, July 12 13:30-15:00 Room 8

Cryoballoon AF Ablation 2

Chairpersons :

Takeshi Tsuchiya (EP Expert Doctors—Team Tsuchiya, Kumamoto, Japan)

Shinsuke Miyazaki (University of Fukui, Fukui, Japan)

Speakers :

O4-1. The Efficacy of Cryoballoon Ablation for Non-paroxysmal Atrial Fibrillation

Giichi Nitta (The Department of Cardiology, Japanese Red Cross Saitama Hospital, Tokyo, Japan)

O4-2. Impact of Pulmonary Vein Angle to the Left Atrium for the Difficulty of Cryoballoon Ablation

Masafumi Shimojo (Cardiovascular Center, Anjo Kosei Hospital, Aichi, Japan)

O4-3. The Findings in Second Procedure Among Patients with Persistent Atrial Fibrillation Initially Treated with Cryoballoon

Kosuke Aoki (The Department of Cardiology, Sendai City Hospital, Miyagi, Japan)

O4-4. The Lesion Characteristics Assessed by LGE-MRI after the Cryoballoon Ablation and

Radiofrequency Ablation with Contact-Force Sensing Catheter

Jun Kurose (Division of Cardiovascular Medicine, Department of internal Medicine, Kobe University Graduate School of Medicine, Hyogo, Japan)

O4-5. Clinical Significance of Premature Atrial Contraction after Cryoballoon Ablation

Hidenori Sato (Department of Cardiology, The Jikei University School of Medicine, Tokyo, Japan)

O4-6. Validation of the Optimal Target for Each Pulmonary Veins for Atrial Fibrillation Ablation with Cryoballoon

Masaomi Kimura (Advanced Management of Cardiac Arrhythmias, Hirosaki University Graduate School of Medicine, Aomori, Japan)

O4-7. Lesion Extent Created by Cryoballoon for Paroxysmal Atrial Fibrillation: Delayed Enhancement-MRI Evaluation

Koji Higuchi (Department of Cardiology, Hiratsuka Kyosai Hospital, Kanagawa, Japan)

O4-8. Quantitative Difference and Impact of Left Atrial Size on Isolation Area in Acute Phase after Pulmonary Vein Isolation Performed by Second-Generation Cryoballoon and Radiofrequency Ablation

Akio Chikata (Division of Cardiology, Department of Internal Medicine, Toyama Prefectural Central Hospital, Toyama, Japan)

Oral Presentation 5 ★

● **Thursday, July 12 16:00-17:30 Room 8**

AF Ablation Clinical Outcome**Chairpersons :**

Masahiro Ogawa (Department of Cardiology, Fukuoka University Hospital, Fukuoka, Japan)

Seiichiro Matsuo (The Jikei University Katsushika Medical Center, Tokyo, Japan)

Speakers :**O5-1. Clinical Impact of Early Recurrence after Initial Catheter Ablation for Atrial Fibrillation Patients on Hemodialysis: from Kansai Plus Atrial Fibrillation (KPAF) Registry**

Naoaki Onishi (Department of Cardiology, Japanese Red Cross Otsu Hospital, Shiga, Japan)

O5-2. Impact on Quality of Life after Catheter Ablation of Atrial Fibrillation Assessed with SF-36

Kenichi Tokutake (Department of Cardiology, The Jikei University School of Medicine, Tokyo, Japan)

O5-3. The Clinical Impact of Left Atrial Remodeling after Box Isolation in Non-paroxysmal Atrial Fibrillation

Kazuaki Kaitani (Devison of Cardiology, Otsu Red Cross Hospital, Shiga, Japan)

O5-4. Predictors of Atrial Fibrillation Recurrence after Radiofrequency Catheter Ablation According to Covariance Structure Analysis

Michifumi Tokuda (The Jikei University School of Medicine, Tokyo, Japan)

O5-5. The Efficacy of Catheter Ablation for Atrial Fibrillation in Patients with Structural Heart Disease

Yoshimasa Morimoto (Department of Cardiovascular Medicine, Okayama University

Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan)

O5-6. Impact of Baseline Left Atrial Function on Long-term Success after Catheter Ablation for Paroxysmal Atrial Fibrillation

Takafumi Oka (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka, Japan)

O5-7. Improvement of Ejection Fraction after Pulmonary Vein Isolation in Patients with Impaired Left Ventricular Systolic Function

Shohei Kataoka (Department of Cardiology, Tokyo Metropolitan Tama Medical Center, Tokyo, Japan)

Oral Presentation 6

● Thursday, July 12 8:30-9:30 Room 9

Atrial ATP

Chairpersons :

Satoru Komura (Saitamaken Saiseikai Kawaguchi Hospital, Saitama, Japan)

Kohei Ishibashi (National Cerebral and Cardiovascular Center, Osaka, Japan)

Speakers :

O6-1. The Prophylactic Mechanism of Atrial Fibrillation by a New Device-based Continuous Optimization Algorithm

Nobuhiko Ueda (National Cerebral and Cardiovascular Center, Osaka, Japan)

O6-2. Comparison of the Efficacy of New-generation Atrial Antitachycardia Pacing between Patients with Sick Sinus Syndrome and Atrioventricular Block

Sou Otuki (National Cerebral and Cardiovascular Center Hospital, Osaka, Japan)

O6-3. Efficacy of New-generation Atrial Antitachycardia Pacing in Patients Implanted with an Implantable Cardioverter Defibrillator

Tsukasa Kamakura (Division of Arrhythmia and Electrophysiology, Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

O6-4. Development of Atrial Tachyarrhythmia in Patients with Implantable Cardiac Devices

Eri Okajima (Division of Cardiology, Department of Internal Medicine, The Jikei University School of Medicine, Tokyo, Japan)

O6-5. Dual Atrioventricular Nodal Non-Reentrant Tachycardia Due to Continuous Simultaneous Antegrade Dual Atrioventricular Nodal Conduction

Toru Adachi (Department of Internal Medicine, Kamisu Saiseikai Hospital, Ibaraki, Japan /Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

Oral Presentation 7

● Thursday, July 12 10:30-12:00 Room 9

Cryoballoon AF Ablation 3

Chairpersons :

Tetsuya Asakawa (Yamanashi Kosei Hospital, Yamanashi, Japan)

Norishige Morita (Tokai University Hachioji Hospital, Tokyo, Japan)

Speakers :

O7-1. Prevalence, Characteristics, Predictors, and Clinical Course of Gastric Hypomotility after Cryoballoon Ablation

Kanae Hasegawa (Department of Cardiovascular Medicine, Faculty of Medical Sciences, University of Fukui, Fukui, Japan)

O7-2. The Autonomic Nerve System Modified by Cryoballoon Ablation Was Associated with the Recurrence of Atrial Fibrillation

Hiroshi Shimada (Department of Cardiology, Yokohama Minami Kyosai Hospital, Kanagawa, Japan)

O7-3. Phrenic Nerve Palsy during Cryoballoon Ablation for Atrial Fibrillation with or without Extensive Encircling Balloon Isolation Technique

Yasuhiro Ogura (Department Cardiology, Nagoya Daini Red Cross Hospital, Aichi, Japan)

O7-4. Transient Progression of Left Ventricular Diastolic Dysfunction Following Cryoballoon Ablation in Patients with Paroxysmal Atrial Fibrillation

Tomoko Minamisaka (Department of Cardiovascular Medicine, Yao Municipal Hospital, Osaka, Japan)

O7-5. Comparison at Second Procedure after Initial Second-generation Cryoballoon Ablation vs Radiofrequency Ablation for Paroxysmal Atrial Fibrillation

Nobuaki Tanaka (Department of Cardiology, Sakurabashi-Watanabe Hospital, Osaka, Japan)

O7-6. The Long-term Clinical Outcomes of 2nd Generation Cryoballoon Ablation for Paroxysmal Atrial Fibrillation: A Report from Two High-volume Centers

Takashi Yoshizawa (Department of Cardiovascular Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

O7-7. Feasibility of Pulmonary Vein Orifice Pacing for Prevention of Phrenic Nerve Injury in Cryoballoon Ablation for Atrial Fibrillation

Makoto Sano (The Third Department of Internal Medicine, Hamamatsu University School of Medicine, Shizuoka, Japan)

O7-8. Influence of Additional Cryoballoon Application to the Posterior Wall on Transient Instability Just after Cryoablation

Hiroki Kamiya (Department of cardiology, Gifu Heart Center, Gifu, Japan)

Oral Presentation 8 ★

● Thursday, July 12 13:30-15:00 Room 9

AF Ablation—New Technology

Chairpersons :

Shigeto Naito (Gunma Prefectural Cardiovascular Center, Gunma, Japan)

Akihiko Yotsukura (Hokko Memorial Hospital, Hokkaido, Japan)

Speakers :

O8-1. High-resolution Mapping System Guided Mitral Isthmus Ablation

Yuichiro Sakamoto (Cardiovascular Medicine, Toyohashi Heart Center, Toyohashi, Aichi, Japan)

O8-2. Accuracy of the New EnSite Magnetic Module for AF Ablation: Initial Experience and Validation

Reiko Fukuda (Department of Cardiology, Dokkyo Medical University Saitama Medical Center, Saitama, Japan)

O8-3. Significant Reduction of Radiation Exposure in Pulmonary Vein Isolation Using Fast Anatomical Map

Miwa Kikuchi (Cardiovascular Disease Center, Showa University Koto Toyosu Hospital, Tokyo, Japan)

O8-4. Efficacy and Safety of Ablation Index-guide Pulmonary Vein Isolation with High Power Radiofrequency Application

Hideharu Okamoto (Saiseikai Kumamoto Hospital Cardiovascular Center, Kumamoto, Japan)

O8-5. Ablation Index-Guided Circumferential Pulmonary Vein Isolation Is Feasible and Safe: Validation of the Values Determined in Our Preliminary Study

Yasuaki Tanaka (Saiseikai Kumamoto Hospital Cardiovascular Center, Kumamoto, Japan)

O8-6. Relationship between Ablation Index and Lesion Index for Durable Pulmonary Vein Isolation

Ryuta Watanabe (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

O8-7. Contact Vector Predicts a Feasible Initial Impedance Drop during Pulmonary Isolation

Akira Fujii (Department of Cardiology, Pulmonology, Hypertension and Nephrology, Ehime University Hospital, Ehime, Japan)

Oral Presentation 9 ★

● Thursday, July 12 16:00-17:30 Room 9

AF Ablation 1

Chairpersons :

Tetsuo Yagi (Sendai City Hospital, Miyagi, Japan)

Koichiro Ejima (Tokyo Women's Medical University, Tokyo, Japan)

Speakers :

O9-1. Substrate Modification in Catheter Ablation of Atrial Fibrillation on the Incidence Acute Complications: Analysis of 10,795 Procedures in J-CARAF Study 2011-2016

Yuji Murakawa (The Fourth Department of Internal Medicine, Teikyo University School of Medicine, Mizonokuchi Hospital, Kawasaki, Japan)

O9-2. Comparison of Clinical Outcome between Inducibility and Non-Inducibility of Atrial Fibrillation after Left Atrial Posterior Wall Isolation in Patients with Non-Paroxysmal Atrial Fibrillation

Norichika Osai (Department of Cardiology, Cardiovascular Center, Sendai Kousei Hospital, Miyagi, Japan)

O9-3. Catheter Ablation Improves the Quality of Life in Patients with Atrial Fibrillation Regardless of Age

Takahiko Nishiyama (Department of Cardiology, Keio University School of Medicine, Tokyo, Japan)

O9-4. Radiofrequency Catheter Ablation for Paroxysmal Atrial Fibrillation Via Jugular Vein in Patient with Occluded Inferior Vena Cava

Kazuhiro Nagaoka (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)

O9-5. Pharmacological Cardioversion Prior to Ablation Predicts a Better Clinical Outcome in Patients with Persistent Atrial Fibrillation

Seigo Yamashita (The Jikei University School of Medicine, Tokyo, Japan)

O9-6. Non-pulmonary Vein Triggers in Patients with Persistent Atrial Fibrillation; Prevalence, Distribution, and Impact on Outcome

Koichi Inoue (Department of Cardiology, Sakurabashi-Watanabe Hospital, Osaka, Japan)

O9-7. Impact of Catheter Ablation for Persistent and Long-Standing Atrial Fibrillation on Cardiac Function in Patients with Chronic Heart Failure

Hiroyuki Satake (Department of Cardiology, International University of Health Welfare, Tochigi, Japan)

Oral Presentation 10

● Thursday, July 12 8:30-9:30 Room 10

Basic Study

Chairpersons :

Haruo Honjo (Research Institute of Environmental Medicine, Nagoya University, Aichi, Japan)

Jong-Kook Lee (Department of Advanced Cardiovascular Regenerative Medicine, Osaka University Graduate School of Medicine, Osaka, Japan)

Speakers :

O10-1. Protein Expression of Hypoxia-inducible Factor-1 α and Angiotensin-Like Protein 2 Is Associated with Inflammatory and Fibrotic State of Epicardial Adipose Tissue

Ichitaro Abe (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Oita, Japan)

O10-2. An Artificial Atrial Substrate Created by Laser-irradiation Causes Persistent Atrial Fibrillation in Mice

Shunpei Horii (Cardiovascular Medicine, National Defense Medical College, Saitama, Japan)

O10-3. Cell-free DNA Induces Systemic Pro-inflammatory Response in Atrial Fibrillation

Masahiro Yamazoe (Department of Bio-informational Pharmacology, Medical Research Institute, Tokyo Medical and Dental University, Tokyo, Japan)

O10-4. Influence of Obesity on the Progression of Electrical and Structural Remodeling in a Canine Atrial Fibrillation Model

Masaru Arai (The Department of Cardiology, Nihon University School of Medicine, Tokyo, Japan)

O10-5. Inhibition of Xanthine Oxidase by Topiroxostat at Clinical Concentration Attenuated Ischemia-Reperfusion Arrhythmia and Cardiac Dysfunction Independently of Energy Preservation via Activation of Salvage Cycle

Shogo Tanno (Division of Regenerative Medicine and Therapeutics, Tottori University Graduate School of Medical Science, Tottori, Japan)

Oral Presentation 11 ★

● Thursday, July 12 10:30-12:00 Room 10

Basic

Chairpersons :

Yukiomi Tsuji (Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan)

Kensuke Ihara (Department of Bio-informational Pharmacology, Medical Research Institute, Tokyo Medical and Dental University, Tokyo, Japan)

Speakers :

O11-1. Development of a Phenotype-based and High-throughput Diagnostic Test for Long-QT Syndrome Type 3 Using iPSC Model

Daisuke Yoshinaga (Department of Pediatrics, Kyoto University, Kyoto, Japan)

O11-2. Inhibition of HDAC6 Manipulates Electrophysiological Properties of HL-1 Cells via Regulation of ERG Channel

Peili Li (Department of genetic medicine and regenerative therapeutics, Tottori University, Tottori, Japan)

O11-3. Biological Pacemaker Created by HCN4-overexpressing Human iPSC Cell-derived Cardiomyocytes

Kazufumi Nakamura (Department of Cardiovascular Medicine, Okayama University, Okayama, Japan)

O11-4. Cell-specific Precise Computer Simulation of hiPSC-CMs Revealed Two Opposite APD Reaction in IKr Blocking Test

Hirohiko Kohjitani (Department of Cardiovascular Medicine, Kyoto University School of Medicine, Kyoto, Japan)

O11-5. Liposome-Encapsulated Hemoglobin (HbV) Transfusion Rescues Rats Undergoing Progressive Lethal 85% Hemorrhage: Its Anti-Arrhythmogenic Effect on Myocardium

Bonpei Takase (Department of Intensive Care Medicine, National Defense Medical College, Saitama, Japan)

O11-6. Molecular Sources of Arrhythmogenicity in Pulmonary Vein Cardiomyocytes

Yosuke Okamoto (Department of Cell Physiology, Akita University Graduate School of Medicine, Akita, Japan)

O11-7. An Increase in Regional ROS within the Stretched Region Exacerbates Arrhythmias in Rat Myocardium with Nonuniform Contraction

Taiki Hasegawa (Department of Clinical Physiology, Tohoku University Graduate School of Medicine, Miyagi, Japan)

O11-8. Human Epicardial Adipose Tissue Induces Rat Atrial Myocardial Fibrosis through Paracrine Effects: Results of Organo-culture Experiments

Shintaro Kira (Department of Cardiology and Clinical Examination, Oita University, Oita, Japan)

Oral Presentation 12

● Thursday, July 12 13:30-15:00 Room 10

Risk Assessment

Chairpersons :

Yoshiyasu Aizawa (Keio University School of Medicine, Tokyo, Japan)

Ritsuko Kohno (Department of Heart Rhythm Management, University of Occupational and Environmental Health, Japan, Fukuoka, Japan)

Speakers :

O12-1. Clinical Characteristics and Outcome of Patients with Vasospastic Angina Surviving Out-of-hospital Cardiopulmonary Arrest

Yukio Hosaka (Department of Cardiology, Niigata City General Hospital, Niigata, Japan)

O12-2. Modified ADMIRE-HF Risk Score Predicts Serious Arrhythmic Events in Patients with Implantable Cardioverter Defibrillator, Regardless of Left Ventricular Ejection Fraction

Masato Kawasaki (Division of Cardiology, Osaka General Medical Center, Osaka, Japan)

O12-3. Burden of Device-detected Atrial High-rate Episode Related to Worsening Heart Failure Events

Ryo Nishinarita (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Kanagawa, Japan)

O12-4. ECG Abnormalities as a Predictor of Fatal Ventricular Arrhythmic Events in Patients with Hypertrophic Cardiomyopathy

Toshiharu Koike (The Department of Cardiology, Tokyo Women's Medical University Hospital, Tokyo, Japan)

O12-5. Validation Study of Heart Rate Variability between Fast Fourier Transform Analysis and MemCalc Analysis in Normal Subjects

Kenichi Hashimoto (Intensive Care Medicine, National Defense Medical College, Saitama, Japan)

O12-6. Assessment of Left Bundle-branch Block Contraction Patterns Using the 2-dimensional Speckle Tracking

Aya Fujii (Department of Cardiology, University of Nagoya, Aichi, Japan)

O12-7. Does QRS Morphology of Right Ventricle Pacing Contribute Left Ventricular Dyssynchrony? –The Evaluation with SPECT–

Shota Ikeda (The Department of Cardiology, Yokohama Rosai Hospital, Kanagawa, Japan)

O12-8. Epilepsy and Antiepileptic Medications: Cardioprotective or Early Repolarization Masking?

Ahmed Talib (First Department of Medicine, Asahikawa Medical University, Hokkaido, Japan)

Oral Presentation 13 ★

● Thursday, July 12 16:00-17:30 Room 10

JWave/VT

Chairpersons :

Kenji Nakai (Iwate Blood Center, Japan Red Cross Society, Japan)

Yasuya Inden (Nagoya University Graduate School of Medicine, Aichi, Japan)

Speakers :

O13-1. The Prognostic Value of J Waves for Recurrence of Ventricular Tachycardia after Radio-frequency Catheter Ablation in Patients with Myocardial Infarction

Yoshihisa Naruse (Department of Cardiology, Internal Medicine III, Hamamatsu University School of Medicine, Shizuoka, Japan/Department of Cardiology, Leiden University Medical Center, Leiden, the Netherlands)

O13-2. Response of J Point Elevation to Cardio-active Agents and Risk of Ventricular Fibrillation in Patients with Early Repolarization Syndrome

Yumi Ishii (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Oita, Japan)

O13-3. Evaluation of the Origin of Deep Intramural Ventricular Tachycardia Treated by a Combined Bipolar and Ethanol Ablation Using CT Imaging

Naka Sakamoto (Department of Cardiology, Asahikawa Medical University, Hokkaido, Japan)

O13-4. Catheter Ablation for Verapamil-sensitive Fascicular Ventricular Tachycardia Guided by Precise Mapping Using a Multi-spline Duodecapolar Catheter with Small Electrodes and Close Spacings

Susumu Takase (Cardiovascular Medicine, St. Mary's Hospital, Fukuoka, Japan)

O13-5. The Efficacy of Detailed Mapping and Searching a Discrete Prepotential to Ablate Ventricular Arrhythmias Originating from Left Ventricular Outflow Tract: A Case Report

Takashi Okajima (The Department of Cardiology, Komaki City Hospital, Aichi, Japan)

O13-6. Little Local Time Difference between Endocardium and Epicardium Indicates Intramural Foci of Ventricular Tachyarrhythmia Originating from Left Ventricular Outflow Tract

Masashi Kamioka (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima, Japan)

O13-7. T-wave Changes Caused by Cardiac Memory after Successful Ablation of Ventricular Premature Contractions from Right Ventricular Outflow Tract

Yusuke Sakamoto (Department of Cardiology, Nagoya University Graduate School of Medicine, Aichi, Japan)

O13-8. Effective Atrial Overdrive Pacing to Long QT Syndrome with Torsades de Pointes (TdP) Induced by Blocked Premature Atrial Contraction (PAC) : A Case Report

Masahiro Watanabe (The Department of Cardiology, Yokohama Medical Center, Kanagawa, Japan)

Oral Presentation 14

● Friday, July 13 10:30-12:00 Room 8

AF Ablation 2

Chairpersons :

Koichiro Kumagai (Fukuoka Sanno Hospital, Fukuoka, Japan)

Masaharu Masuda (Kansai Rosai Hospital, Hyogo, Japan)

Speakers :

O14-1. ZFH3 SNP (rs2106261) Minor Allele Reduces Atrial Fibrillation Recurrence after Pul-

monary Vein Isolation by Decreasing Inflammation

Shunsuke Tomomori (Hiroshima University Hospital, Hiroshima, Japan)

O14-2. Obstructive and Central Sleep Apnea Have Different Impacts on Left-Atrial Arrhythmic Electrophysiology in Paroxysmal Atrial Fibrillation

Yuji Motoike (Department of Cardiology, Fujita Health University, Aichi, Japan)

O14-3. Radiation Doses and Effects of Atrial Fibrillation Ablation by Arm Position during Pre-ablation CT Imaging

Hirokazu Sato (Division of Cardiology, Sendai City Hospital, Miyagi, Japan)

O14-4. Transformation from Persistent to Paroxysmal Form after Pulmonary Vein Isolation for Persistent Atrial Fibrillation Predicts Favorable Outcome

Hironori Ishiguchi (Department of Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)

O14-5. Sinus Node Recovery Time Is a Strong Predictor of Recurrence after Catheter Ablation in Persistent Atrial Fibrillation Patients

Keita Watanabe (Department of Cardiology, Japanese Red Cross Musashino Hospital, Tokyo, Japan)

O14-6. Peri-atrial Epicardial Adipose Tissue is Associated with Atrial Fibrillation Ablation Outcomes

Yuichi Ninomiya (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka, Japan)

O14-7. Efficacy of Extensive Substrate and Trigger Ablation as Treatment for Persistent Atrial Fibrillation

Shu Yamashita (National Hospital Organization Disaster Medical Center, Tokyo, Japan)

O14-8. Comparing Outcomes of Box Isolation versus Conventional Pulmonary Vein Isolation for Paroxysmal Atrial Fibrillation

Maiko Kuroda (Cardiology Department, Tenriyoro Hospital, Nara, Japan)

Oral Presentation 15

● Friday, July 13 13:30-15:00 Room 8

Cryoballoon AF Ablation 4

Chairpersons :

Satoru Sakagami (Department of Cardiovascular Medicine, Kanazawa Medical Center, Ishikawa, Japan)

Masaomi Kimura (Advanced Management of Cardiac Arrhythmias, Hirosaki University Graduate School of Medicine, Aomori, Japan)

Speakers :

O15-1. The Characteristics of Pulmonary Vein Stenosis Complicating Ablation for Atrial Fibrillation: Comparison between Radiofrequency and Cryoballoon Ablation

Yukihiro Inamura (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama, Japan)

O15-2. Feasibility of Delayed-enhanced Magnetic Resonance Imaging to Detect Ablation Lesion Gaps in Patients Receiving Cryoballoon Ablation: an Analysis of Second Ablation Procedure

Tsuyoshi Mishima (The Division of cardiology, Osaka National Hospital, Osaka, Japan/

Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

O15-3. Efficacy and Safety in Cryoballoon Ablation without Contrast Medium

Yuichiro Makino (Yokkaichi Municipal Hospital, Mie, Japan)

O15-4. Comparison of Phrenic Nerve Monitoring during Hotballoon and Cryoballoon Ablation for Paroxysmal Atrial Fibrillation

Hidenori Sato (Department of Cardiology, The Jikei University School of Medicine, Tokyo, Japan)

O15-5. Silent Stroke after Cryoballoon Ablation for Atrial Fibrillation with Different Anticoagulation Management

Rena Nakamura (Cardiology, Japan Red Cross Yokohama Bay City Hospital, Kanagawa, Japan)

O15-6. Importance of Left Atrium Size as a Guidance for Selection of PVI Strategy: Cryoballoon or Radiofrequency Catheter Ablation

Takashi Ikenouchi (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama, Japan)

O15-7. Pull-back Technique Can Decrease the Risk of Phrenic Nerve Injury during Right Pulmonary Vein Isolation by Cryoballoon

Takuro Nishimura (Japan Red Cross Yokohama City Bay Hospital, Department of Cardiology, Kanagawa, Japan)

O15-8. Silent Stroke Related to Cryoballoon Catheter Ablation in Patients with Atrial Fibrillation on Uninterrupted Dabigatran Administration

Rena Nakamura (Cardiology, Japan Red Cross Yokohama Bay City Hospital, Kanagawa, Japan)

Oral Presentation 16

● Friday, July 13 16:00-17:30 Room 8

AF Ablation Prediction

Chairpersons :

Koji Kumagai (Gunma Cardiovascular Center, Gunma, Japan)

Shiro Nakahara (Dokkyo Medical University, Saitama Medical Center, Saitama, Japan)

Speakers :

O16-1. Impaired Left Ventricular Diastolic Function Evaluated by the New American Society of Echocardiography Guideline Predicts the Presence of Subclinical Paroxysmal Atrial Fibrillation

Yuta Seki (Division of Cardiology, Saitama Municipal Hospital, Saitama, Japan)

O16-2. Novel Predictor of Very Late Recurrence in Patients with after Catheter Ablation of Atrial Fibrillation

Yasuyuki Egami (Division of Cardiology, Osaka Rosai Hospital, Osaka, Japan)

O16-3. Assessment of the Clinical Factors Associated with a Successful Catheter Ablation Outcome in Elderly Patients with Atrial Fibrillation

Tadashi Fujino (Department of Cardiovascular Medicine, Toho University Graduate school of Medicine, Tokyo, Japan)

- O16-4. Prognostic Significance of Immediate Arrhythmia Recurrences after Intracardiac Cardioversion in Patients Undergoing Persistent Atrial Fibrillation Ablation
Yuhi Fujimoto (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo, Japan)
- O16-5. Atrial Activation Time as Predictors of Atrial Fibrillation Outcome
Shinya Sugiura (Department of Cardiology, Matsusaka Chuo Hospital, Matsusaka, Mie, Japan)
- O16-6. Insulin Resistance as a Predictor for Adverse Clinical Outcome of Pulmonary-vein Isolation in Patients with Paroxysmal Atrial Fibrillation
Naoko Hijioka (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima, Japan)
- O16-7. Irregular Atrial and Ventricular Electrical Activation and Plasma B-type Natriuretic Peptide Level in Atrial Fibrillation
Naomi Kanamori (Department of Cardiovascular Medicine, NHO Kanazawa Medical Center, Kanazawa, Japan)
- O16-8. Conversion to Sinus Rhythm with Low-dose Bepridil Predicts the Effect of Pulmonary Vein Isolation Alone for Persistent Atrial Fibrillation
Shohei Hara (Cardiovascular-Medicine, Kagawa Prefectural Central Hospital, Kagawa, Japan)

Oral Presentation 17

● Friday, July 13 8:30-10:00 Room 9

AF—Low Voltage Area

Chairpersons :

- Shigeru Ikeguchi (Shiga General Hospital, Shiga, Japan)
Koichi Inoue (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka, Japan)

Speakers :

- O17-1. Low Voltage Zone Defined as an Area with Electrogram Amplitudes of 0.5-0.75 mV Predicts Recurrence of Atrial Fibrillation after Radiofrequency Catheter Ablation
Shingo Yoshimura (Department of Cardiology, Tsuyama Chuo Hospital, Okayama, Japan)
- O17-2. Recurrence after Voltage-based Ablation for Persistent Atrial Fibrillation Does Not Correlate with the Extent of Left Atrial Low Voltage Region
Keiichi Ashikaga (Cardiovascular Center, Miyazaki Medical Association Hospital, Miyazaki, Japan)
- O17-3. Impact of Low Voltage Zone in Left Atrium on Recovery of Left Ventricular Systolic Function after Ablation for Atrial Fibrillation
Hideharu Okamoto (Saiseikai Kumamoto Hospital Cardiovascular Center, Kumamoto, Japan)
- O17-4. The Progression of Low-Voltage Area after Pulmonary Vein Isolation in a Case of Recurrent Atrial Fibrillation
Hironori Sato (Department of Cardiovascular Medicine, Shin-yurigaoka General Hospital, Kanagawa, Japan)
- O17-5. Low-voltage Zone Ablation vs Linear Ablation for Non-paroxysmal Atrial Fibrillation

Junya Suzuki (Department of Cardiology, JA Aichi Koseiren Toyota Kosei Hospital, Aichi, Japan)

O17-6. Predictors of the Extent of Border Zones of Atrial Low Voltage Area in Persistent Atrial Fibrillation

Hiroataka Muramoto (Hiratsuka Kyosai Hospital, Kanagawa, Japan)

O17-7. Designated Linear Ablation Targeting Non-Pv Foci and Low Voltage Areas Can be an Effective Strategy for Refractory Atrial Fibrillation

Kazuhiro Nagaoka (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)

O17-8. Effect of Ablation for CFAE Limited to Low-Voltage Area on Prevention of Non-paroxysmal Atrial Fibrillation

Norishige Morita (Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital, Tokyo, Japan)

Oral Presentation 18

● Friday, July 13 10:30-12:00 Room 9

Hot Balloon AF Ablation

Chairpersons :

Kazuo Usuda (Toyama Prefectural Central Hospital, Toyama, Japan)

Yukiko Nakano (Department of Cardiology, Hiroshima University, Hiroshima, Japan)

Speakers :

O18-1. Usefulness of Intracardiac Echocardiography for Early Detection of Pinhole Rupture of Hot Balloon

Hajime Saeki (Japan Community Health Care Organization Osaka Hospital, Osaka, Japan)

O18-2. A Case Report of Pulmonary Vein Occlusion after Radiofrequency HOT-Balloon Catheter Ablation for Atrial Fibrillation

Kazumasa Suga (Division of Cardiology, JCHO Chukyo Hospital, Aichi, Japan)

O18-3. Characteristics and Efficacy of Pulmonary Vein Isolation with Hot Balloon Ablation

Satoshi Aita (St. Luke's International Hospital, Tokyo, Japan)

O18-4. Lesion Formation after Pulmonary Vein Isolation Using Cryoballoon and Hotballoon in Patients with Atrial Fibrillation

Ryuta Watanabe (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

O18-5. The Comparison of the Superior Vein Cava Lesion Created by the Cryoballoon and Hotballoon Ablation in Atrial Fibrillation Patients

Yuichi Hori (Department of Cardiology, Dokkyo Medical University Saitama Medical Center, Saitama, Japan)

O18-6. Electrophysiologic and Anatomic Parameters Predicting Additional Touch-up Radiofrequency Application after Hot Balloon-based Pulmonary Vein Isolation

Yuji Wakamatsu (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

O18-7. Impact of Ring Catheter Shaft on Thermal Effect during Hotballoon Ablation—Implications for the Real Time EP Guided Hot Balloon Ablation—

Hiroshi Sohara (The Heart Rhythm Center, Tokyo Heart Center, Tokyo, Japan)

O18-8. Characteristics of the Luminal Esophageal Temperature during Pulmonary Vein Isolation Using Hot and Cryo Balloon

Hiroyuki Kono (Cardiology, Kobe City Medical Center General Hospital, Hyogo, Japan)

Oral Presentation 19

● Friday, July 13 13:30-15:00 Room 9

AF—Anticoagulation

Chairpersons :

Masaharu Akao (National Hospital Organization Kyoto Medical Center, Kyoto, Japan)

Yasuteru Yamauchi (Yokohama City Minato Red Cross Hospital, Kanagawa, Japan)

Speakers :

O19-1. Effect of Different DOAC Protocols on the Coagulation Markers in Perioperative Period of Atrial Fibrillation Ablation

Tomoaki Sakakibara (Internal Medicine III, Hamamatsu University School of Medicine, Shizuoka, Japan)

O19-2. Safety and Effectiveness of Apixaban in Japanese Patients with Nvaf: the Final Results from a Regulatory Post-marketing Surveillance, Standard Study

Hiroshi Inoue (Saiseikai Toyama Hospital, Toyama, Japan)

O19-3. Safety and Effectiveness of Reduced-Dose Apixaban in Japanese Patients with NVAf: The Final Results from a Regulatory Post-marketing Surveillance, STANDARD Study

Hiroshi Inoue (Saiseikai Toyama Hospital, Toyama, Japan)

O19-4. Increased Adverse Outcomes after Incidence of Major Bleeding in Patients with Atrial Fibrillation: the Fushimi AF Registry

Hisashi Ogawa (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto, Japan)

O19-5. Safety of Pulmonary Vein Isolation without Peri-procedural Anticoagulation for Hemodialysis Patients

Yoshitaka Ito (Department of Cardiology, Aichi Medical University, Aichi, Japan)

O19-6. Influence of Hemoglobin and Platelet Count on Prognosis in Patients with Non-Valvular Atrial Fibrillation. A Subanalysis of the J-RHYTHM Registry

Eitaro Kodani (Department of Internal Medicine and Cardiology, Nippon Medical School Tama-Nagayama Hospital, Tokyo, Japan)

O19-7. Increasing Prescription of Direct Oral Anticoagulants and Decreasing Incidence of Cardioembolic Stroke in a Japanese Local Region

Noritomo Narita (Department of Cardiology, Hirosaki University Graduate School of Medicine, Aomori, Japan)

O19-8. The Latent Abnormality of Anticoagulation Systems during Treatment with Direct Oral Anticoagulants in Nonvalvular Atrial Fibrillation Patients

Mihoko Kawabata (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo, Japan)

Oral Presentation 20 ★

● Friday, July 13 16:00-17:00 Room 9

Catheter Ablation Experiment

Chairpersons :

Hiroshi Nakagawa (Heart Rhythm Institute, University of Oklahoma, USA)

Hiroshige Yamabe (Department of Cardiovascular Medicine, Kumamoto University, Kumamoto, Japan)

Speakers :

O20-1. Effect of High-Power Short-Duration Radiofrequency Application on Lesion Size and Temperature Profile: Ex Vivo and In Vivo Study

Mitsuru Takami (Cardiovascular Division, Osaka Saiseikai Nakatsu Hospital, Osaka, Japan)

O20-2. Improvement in Renal and Endothelial Function after Catheter Ablation in Patients with Persistent Not Paroxysmal Atrial Fibrillation

Keisuke Okawa (Department of Cardiovascular Medicine, Kagawa Prefectural Central Hospital, Kagawa, Japan)

O20-3. (Withdrawal)

O20-4. Cooling Temperature-dependent Changes in the Inducibility and Therapeutic Responses for Ventricular Arrhythmias in Porcine Myocardium

Ayari Sugai (Graduate School of Health Sciences, Niigata University, Niigata, Japan)

O20-5. Instability of Three-dimensional Scroll Type Filament in Ventricular Septum

Keitaro Kawashima (School of Science and Engineering, Tokyo Denki University, Saitama, Japan)

Oral Presentation 21 ★

● Friday, July 13 8:30-10:00 Room 10

Arrhythmia Mapping

Chairpersons :

Takumi Yamada (University of Alabama at Birmingham, USA)

Yasuaki Tanaka (Yokosuka Kyosai Hospital, Kanagawa, Japan)

Speakers :

O21-1. Clinical Outcomes of the Rapid Ultra-High-Resolution Electroanatomical Mapping System for Ablation of Atrial Tachycardia

Shota Tohoku (Department of Cardiology, Kokura Memorial Hospital, Fukuoka, Japan)

O21-2. Usefulness of the Ripple Mapping for Defining Slow Conduction Isthmus in Catheter Ablation of Macroreentrant Atrial Tachycardia

Kazuhiro Nagaoka (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)

O21-3. Comparative Study of High Resolution Mapping between Orion and Circular Electrode Catheter with Rhythmia after Pulmonary Vein Isolation

Takatoshi Shigeta (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Kanagawa, Japan)

O21-4. Utility of Entrainment Pacing to Clarify the Circuit of Macroreentrant Tachycardia with

Dual Early Sites on Activation Maps

Koichi Nagashima (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

O21-5. Comparison of Distribution of Fibrosis Detected by Delayed Enhancement-Magnetic Resonance Imaging (DE-MRI) and Electroanatomical Voltage Mapping (EAVM)

Takanori Yamaguchi (CARMA Center, University of Utah, Utah, USA)

O21-6. (Withdrawal)**O21-7. Analysis of the Preferable Site and Stability of Rotational Reentry: Role for the Maintenance of Atrial Fibrillation**

Shozo Kaneko (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University)

O21-8. (Withdrawal)**Oral Presentation 22**

● **Friday, July 13 10:30-12:00 Room 10**

Congenital Heart Disease**Chairpersons :**

Aya Miyazaki (Department of Pediatric Cardiology, Congenital Heart Disease Center, Tenri Hospital, Nara, Japan)

Jun Yoshimoto (Department of Pediatric Cardiology, Shizuoka Children's Hospital, Shizuoka, Japan)

Speakers :**O22-1. The Efficacy of CRT after Operation in the Univentricular Heart**

Misugi Emi (Osaka Women's and Children's Hospital, Osaka, Japan)

O22-2. An Overview of EPS and RFCA for Pediatric Patients with Ebstein's Anomaly: 20-year Experience of a Single Institute

Taisuke Nabeshima (Department of Pediatric Cardiology, Fukuoka Children's Hospital, Fukuoka, Japan)

O22-3. Atrial Fibrosis Long after Fontan Procedure

Daiji Takeuchi (The Department of Pediatric Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

O22-4. Efficacy of Catheter Ablation of ATP Sensitive AT in 6 Children

Shota Muraji (Department of Pediatric Cardiology, Saitama Medical University International Medical Center, Saitama, Japan)

O22-5. Utility of Catheter Ablation Using a Remote Magnetic Navigation System in Patients with Adult Congenital Heart Disease

Hitotoshi Ichibori (Department of Cardiovascular Medicine, Kakogawa Central City Hospital, Hyogo, Japan)

O22-6. Supra Approach Assisted by Cartosound for Radiofrequency Ablation of Ventricular Arrhythmias Originating from the Vicinity of Tricuspid Annulus in Children

Yoko Yoshida (Department of Pediatric Electrophysiology, Osaka City General Hospital, Osaka, Japan)

O22-7. Catheter Ablation of Atrial Fibrillation in a Patient with Total Cavo-pulmonary Connec-

tion

Hiroko Deguchi (Department of Cardiovascular Medicine, Kyushu University, Fukuoka, Japan)

O22-8. Mechanisms and Clinical Outcomes of Catheter Ablation in Unusual Atrioventricular Nodal Tachycardia with Congenital Heart Diseases

Kota Taniguchi (The Department of Pediatric Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

Oral Presentation 23

● Friday, July 13 13:30-15:00 Room 10

VT/PVC

Chairpersons :

Yukio Sekiguchi (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

Daigo Yagishita (Tokyo Women's Medical University, Tokyo, Japan)

Speakers :

O23-1. Is Dense Scar Targeting Rescue Ablation of Ventricular Tachycardia for Electrical Storm Requiring ECMO Support Effective in Subacute Myocardial Infarction?

Etsuko Ikeda (Cardiology, Tsuyama Chuo Hospital, Okayama, Japan)

O23-2. Successful Catheter Ablation for Aortic Sinus Cusp Reentrant Tachycardia in Brugada Syndrome

Sayuri Tokioka (Department of Cardiology, Metropolitan Hiroo Hospital, Tokyo, Japan)

O23-3. The Electrophysiological Characteristics of the Separate Potentials on Papillary Muscle in Patients with Idiopathic Ventricular Arrhythmias; Therapeutic Application of Ablation of Papillary Muscle

Shota Ikeda (The Department of Cardiology, Yokohama Rosai Hospital, Kanagawa, Japan)

O23-4. Prediction of Late Potentials for Ventricular Tachycardia Ablation with Tc-99m Scintigram Scar

Kentaro Ozu (Department of Cardiovascular Medicine Osaka University Graduate School of Medicine, Osaka, Japan)

O23-5. Epicardial Ventricular Tachycardia in Ischemic Cardiomyopathy: Prevalence, Electrophysiological Characteristics, and Long-term Ablation Outcomes

Tatsuya Hayashi (Kameda General Hospital, Chiba, Japan)

O23-6. Long-term Outcome after Ventricular Tachycardia Ablation Based on Late Potential Abolition and Noninducibility in Structural Heart Disease

Kenji Okubo (Arrhythmia Unit and Electrophysiology Laboratories, Ospedale San Raffaele, Milan, Italy)

O23-7. Ventricular Arrhythmias Originating from Papillary Muscle: Challenging Arrhythmia for Ablation

Yuji Wakamatsu (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

O23-8. A Case of Catecholaminergic Polymorphic Ventricular Tachycardia Diagnosed as Hav-

ing Long QT Syndrome 25 Years Ago

Kyoko Kawano (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Oita, Japan)

Oral Presentation 24

● Friday, July 13 16:00-17:30 Room 10

VF

Chairpersons :

Yoshino Minoura (Division of Cardiology, Department of Medicine, Showa University School of Medicine, Tokyo, Japan)

Seiji Fukamizu (Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

Speakers :

O24-1. Hypertrabeculation Localized at Left Ventricular Apex May be Associated with Life-Threatening Ventricular Arrhythmias in Brugada Syndrome

Tadashi Nakajima (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Gunma, Japan)

O24-2. H558R, a Common SCN5A Polymorphism, Modifies the Clinical Phenotype of Brugada Syndrome by Modulating DNA Methylation of SCN5A Promoters

Hiroya Matsumura (Department of Cardiology, Hiroshima University, Hiroshima, Japan)

O24-3. Consideration of CACNA1C Variants in Long QT Syndrome

Megumi Fukuyama (Department of Cardiovascular and Respiratory Medicine, Shiga University of Medical Science, Shiga, Japan)

O24-4. Intraventricular Conduction Delay Predicts the Arrhythmia Recurrence in the Patients with Idiopathic Ventricular Fibrillation

Masaya Watanabe (Department of Cardiology, Hokkaido University Hospital, Sapporo, Hokkaido, Japan)

O24-5. Rare Coding Variants in Genes Other Than SCN5A Are Minimal Genetic Burden on the Prognosis of Brugada Syndrome

Taisuke Ishikawa (Department of Molecular Physiology, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan/Japanese Brugada Exome Project)

O24-6. The Impact of KCND3 and SCN5A Mutations on the Pathogenesis of Early Repolarization Syndrome

Koichiro Takayama (Department of Cardiovascular Medicine, Shiga University of Medical Science, Shiga, Japan)

O24-7. Baroreflex Sensitivity is Associated with the Incidence of Ventricular Fibrillation in Patients with the Augmentation of J-wave

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

O24-8. Ventricular Fibrillation Storm Caused by Selective Amyloid Deposition Around His-purkinje Fiber

Hajime Imai (Department of Cardiology, Komaki City Hospital, Aichi, Japan)

Oral Presentation 25

● Saturday, July 14 11:00-12:30 Room 8

AF Ablation 3

Chairpersons :

Yoshihide Takahashi (Tokyo Medical and Dental University, Tokyo, Japan)

Yusuke Kondo (Department of Advanced Cardiovascular Therapeutics, Chiba University Graduate School of Medicine, Chiba, Japan)

Speakers :

O25-1. Minimal Interruption of Direct Oral Anticoagulants as a Periprocedural Anticoagulation Policy and Its Effect on the Intensity of Anticoagulation during Atrial Fibrillation Ablation

Masahiro Mizobuchi (Cardiovascular Center, Kyoto-Katsura Hospital, Kyoto, Japan)

O25-2. Feasibility of Switching to Dabigatran on the Day of Catheter Ablation in Atrial Fibrillation Patients Taking Direct Oral Anticoagulants

Masahide Harada (Department of Cardiology, Fujita Health University, Aichi, Japan)

O25-3. Evaluation of Internal Jugular Vein Shift after Insertion of I-gel Airway

Masayuki Ishimura (Kimitsu Central Hospital, Chiba, Japan)

O25-4. Clinical Performance of i-gel™ Supraglottic Airway in Catheter Ablation for Atrial Fibrillation Under Deep Sedation

Masaki Fujita (Department of Cardiology, Edogawa Hospital, Tokyo, Japan)

O25-5. Addition of Dexmedetomidine during Propofol-based Deep Sedation Reduces the Amount of Sedatives and Incidence of Adverse Events in Catheter Ablation of Atrial Fibrillation

Tatsuya Mitsuishi (Department of Cardiovascular Medicine, Nippon Medical School Chiba Hokusoh Hospital, Chiba, Japan)

O25-6. Screening for Obstructive Sleep Apnea in Atrial Fibrillation Patients Before Catheter Ablation Using Watch PAT

Kohtaro Takayasu (Department of Cardiology, Sakurabashi-Watanabe Hospital, Osaka, Japan)

O25-7. The Effectiveness of Modified Extensive Encircling of Pulmonary-vein Isolation Guided by Complex Fractionated Atrial Electrograms (CFAE-guided EEPVI) for Persistent and Long-Standing Atrial Fibrillation

Akihiro Yoshida (The Department of Cardiology, Kita-harima Medical Center, Hyogo, Japan)

O25-8. The Relationship of Early Recurrence and Late Recurrence after Catheter Ablation for Atrial Fibrillation Used with Steerable Sheath

Daisuke Wakatsuki (Division of Cardiology, Showa University Fujigaoka Hospital, Kanagawa, Japan)

Oral Presentation 26 ★

● Saturday, July 14 14:00-15:30 Room 8

AF

Chairpersons :

Yasuhiro Yoshiga (The Department of Medicine and Clinical Science, Yamaguchi University)

Graduate School of Medicine, Yamaguchi, Japan)

Masatsugu Ohe (Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine, Fukuoka, Japan)

Speakers :

O26-1. Inter-Pulmonary Vein Electrical Heterogeneity Confers Initiation of Localized Reentry and Paroxysmal Atrial Fibrillation Induced by Single Premature Excitation

Masahide Harada (Department of Cardiology, Fujita Health University, Aichi, Japan)

O26-2. To Ablate or Not to Ablate, That Is the Question: Asymptomatic Paroxysmal Atrial Fibrillation

Naoya Hironobe (Department of Cardiovascular Medicine, Hiroshima University Hospital, Hiroshima, Japan)

O26-3. Ganglionated Plexi Guided Single-ring Box Isolation in Patients with Persistent and Longstanding Persistent Atrial Fibrillation

Yumie Matsui (Department of Cardiology, Osaka Saiseikai Izuo Hospital, Osaka, Japan)

O26-4. Impact of Anterior Right Ganglionated Plexi Ablation on Atrial Fibrillation from Superior Vena Cava Foci

Yu Mukai (The Department of Cardiology, Osaka Saiseikai Izuo Hospital, Osaka, Japan)

O26-5. Risks of Venous Bleeding Complication At Puncture Site after Percutaneous Catheter Ablation for Atrial Fibrillation or Flutter

Hirofumi Arai (Department of Cardiology, Kameda Medical Center, Chiba, Japan)

O26-6. Estimation of Biatrial Volume Using Cardiac Magnetic Resonance Imaging Predicts Atrial Fibrillation Recurrence after Pulmonary Vein Isolation

Yu Kumagai (Yamagata University School of Medicine, Department of Cardiology, Pulmonology, and Nephrology, Yamagata)

O26-7. Recovery of Left Ventricular Function after Atrial Fibrillation Ablation Was Observed Only in Patients with Left Ventricular Dysfunction with Unknown Cause.

Jun Kishihara (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Kanagawa, Japan)

Oral Presentation 27

● Saturday, July 14 11:00-12:30 Room 9

Defibrillator

Chairpersons :

Kenji Ando (Cardiology Department of Kokura Memorial Hospital, Fukuoka, Japan)

Yasushi Oginosawa (The 2nd Department of Internal Medicine, the University of Occupational and Environmental Health, Japan, Fukuoka, Japan)

Speakers :

O27-1. Japanese Assessment of Indication Based Programming Standard Defibrillators

Michio Nagashima (Department of Cardiology, Kokura Memorial Hospital, Fukuoka, Japan)

O27-2. Risk Factors Associating with Defibrillation Testing Failure in Patients Receiving Transvenous Implantable Cardioverter Defibrillator

Makoto Nakano (Department of Cardiovascular Medicine, Tohoku University Graduate

School of Medicine, Miyagi, Japan)

O27-3. Role of Holter Electrocardiographic Monitoring to Determine Candidacy for a Subcutaneous Implantable Cardioverter-defibrillator

Naoyuki Miwa (Musashino Red Cross Hospital, Tokyo, Japan)

O27-4. Primary Japanese Experience of the Subcutaneous Cardioverter-defibrillator in Patients at High Risk of Sudden Cardiac Death

Shingo Sasaki (The Department of Advanced Management of Cardiac Arrhythmias, Hirosaki University Graduate School of Medicine, Aomori, Japan)

O27-5. Is Fast Rate Cutoff Setting Safe for Primary Prevention Implantable Cardioverter Defibrillator Patients with Very Severe Left Ventricular Dysfunction?

Akinori Wakamiya (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

O27-6. Two-Incision Technique for Implantation of Subcutaneous Implantable Cardioverter-Defibrillator: A Single Center Primary Experience

Yuji Ishida (Hirosaki University, Aomori, Japan)

O27-7. Experience Introducing WCD to 2 Children with Cardiopulmonary Arrest Resuscitation

Tomohiko Imamura (The Department of Pediatric Cardiology, Saitama Medical University International Medical Center, Saitama, Japan)

Oral Presentation 28

○ Saturday, July 14 14:00-15:30 Room 9

AT/AF

Chairpersons :

Satoshi Shizuta (Kyoto University Hospital, Kyoto, Japan)

Makoto Nakano (Tohoku University, Miyagi, Japan)

Speakers :

O28-1. The Characteristics and the Efficacy of Radiofrequency Catheter Ablation of Focal Atrial Tachycardia Originating from Epicardial Side of the Left Atrium

Teppei Yamamoto (Department of Cardiology, Nippon Medical School, Tokyo, Japan)

O28-2. Mapping and Ablation of Macroreentrant Atrial Tachycardia after Cardiac Surgery with Rhythmia Electroanatomic Mapping System

Soichiro Kashihara (The Department of Cardiovascular Medicine, Kyusyu University, Fukuoka, Japan)

O28-3. Utility of Ripple Mapping in Atrial Tachycardia

Atsuhiko Yagishita (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

O28-4. The Atypical Counterclockwise Atrial Flutter ECG Pattern in Patients Undergoing Ablation of Atrial Fibrillation Using a Sequential Linear Defragmentation Approach

Yoshikazu Sato (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

O28-5. Incidence and Characteristics of Native Supraventricular Tachycardia and Organized Atrial Tachycardia in Primary Atrial Fibrillation Ablation Cases

Yoshihiro Yamashina (The Department of Cardiology, Sendai City Hospital, Miyagi, Japan)

O28-6. Impact of the Number of Ethanol Infusion into the Vein of Marshall on Achieving Bidirectional Block of Mitral Isthmus Line

Yoshiyuki Hama (Division of Cardiology, Kimitsu Chuo Hospital, Chiba, Japan)

O28-7. The Usability of New Device, Ultra-High-Definition Mapping System in Atrial Tachycardia after Catheter Ablation for Atrial Fibrillation

Takanori Aizawa (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto, Japan)

O28-8. Chronological Change in Esophageal Temperature during Cryo-ablation in Patients with Paroxysmal Atrial Fibrillation

Ryobun Yasuoka (Division of Cardiology, Department of Medicine, Faculty of Medicine, Kindai University, Osaka, Japan)

Oral Presentation 29

● Saturday, July 14 9:00-10:30 Room 10

Lead Extraction/Device Retrieval

Chairpersons :

Yuji Narita (Department of Cardiac Surgery, Nagoya University Hospital, Aichi, Japan)

Kohki Nakamura (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Gunma, Japan)

Speakers :

O29-1. Optimal Management after Lead Extraction in CRT-D Infectious Patients

Masahiro Sekigawa (The Department of Cardiology, Tokyo Medical and Dental Hospital, Tokyo, Japan)

O29-2. Single-center Experience with Percutaneous Lead Extraction of Cardiac Implantable Electric Devices

Ayako Okada (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

O29-3. Retrieval of Leadless Pacemaker Embolizes to the Lungs

Nobuhiro Nishiyama (Department of Cardiology, Toranomon Hospital, Tokyo, Japan)

O29-4. The Most Reliable Removal Method of Micra Transcatheter Pacing System Using Micra-Delivery System

Shigetoshi Sakabe (Department of Cardiology, Ise Red Cross Hospital, Mie, Japan)

O29-5. Retrieval of a Micra Transcatheter Pacing System in a Heart That Has a Preexisting Lead

Junji Morita (Department of Cardiology, Kokura Memorial Hospital, Fukuoka, Japan)

O29-6. A Case of Tricuspid Valve Replacement after Transvenous Lead Extraction Due to Candida Parapsilosis Induced Infectious Endocarditis

Yuji Narita (Department of Cardiac Surgery, Nagoya University Hospital, Aichi, Japan)

O29-7. A Case of Lead Extraction in Thin Patients with Thoracoplasty

Akihito Miyoshi (Department of Cardiovascular Medicine, Okayama University Hospital, Okayama, Japan)

O29-8. The Association between Cholesterol Level and Lead Culture Findings of Infective CIED Patients Who Underwent Lead Extraction

Hiroaki Watanabe (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

Oral Presentation 30

● Saturday, July 14 11:00-12:30 Room 10

His Pacing

Chairpersons :

Hiroshi Furushima (Furushima Clinic, Niigata, Japan)

Katsuhito Fujii (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo, Japan)

Speakers :

O30-1. Negative Deep Deflection of His-Bundle Potential as a Marker for Superior His Bundle Pacing Thresholds at Implant

Toshiaki Sato (Division of Advanced Arrhythmia Management, Kyorin University, Tokyo, Japan)

O30-2. His-Bundle Potential Inversion Is a Useful Predictor of Adequate Placement of His-Bundle Pacing Lead

Shinji Mito (Tsuchiya General Hospital, Hiroshima, Japan)

O30-3. A Case of His-bundle Pacing in Which the Rates of Atrioventricular Block Change by Pacing Output

Yasumasa Nohno (The Department of Cardiology, IMS Katsushika Heart Center, Tokyo, Japan)

O30-4. A Comparison of Hemodynamic Parameters between His Bundle Pacing and Biventricular Pacing in Left Bundle Branch Block Patients

Hiroyuki Kato (Division of Cardiology, JCHO Chukyo Hospital, Aichi, Japan)

O30-5. The Outcomes of Permanent His Bundle Pacing in Patients with Atrioventricular Conduction Disease

Daisuke Yoshimoto (Department of Cardiovascular Medicine, Toyohashi Heart Center, Aichi, Japan)

O30-6. Characteristics of Paced QRS Duration and Morphology of Nonselective His-bundle Pacing

Junji Yamaguchi (Department of Cardiology, Japanese Red Cross Musashino Hospital, Tokyo, Japan)

O30-7. Permanent His Bundle Pacing for Bradycardia and Cardiac Resynchronization Therapy: A Single Center Experience

Mina Yogo (Division of Cardiology, JCHO Chukyo Hospital, Aichi, Japan)

O30-8. A Case of Selective His Bundle Pacing Using CRT Device for Patient with Right Bundle Branch Block and Low Ejection Fraction

Mituru Yoshino (Cardiovascular Medicine, Kurshiki Central Hospital, Okayama, Japan)

Oral Presentation 31

● Saturday, July 14 14:00-15:30 Room 10

Leadless Pacemaker

Chairpersons :

Toshiaki Sato (Kyorin University Medical School Division of Advanced Arrhythmia Management, Tokyo Japan)

Taku Asano (Division of Cardiology, Department of Internal Medicine, Showa University Fujigaoka Hospital, Kanagawa, Japan)

Speakers :

O31-1. Leadless Cardiac Pacemaker: Initial Single Center Experience

Shinji Ishikawa (Cardiology Center, Anjo Kosei Hospital, Aichi, Japan)

O31-2. Complications with Micra Leadless Intracardiac Transcatheter Pacing System Implantation and Its Preventive Measures

Shuji Otsuki (Division of Cardiology, Teikyo University Hospital, Tokyo, Japan)

O31-3. Where Is a Leadless Pacemaker? The Usefulness of Intraoperative 2D Echocardiogram to Confirm the Position of Micra

Takuo Tsurugi (Division of Cardiology, Cardiovascular Center, Saiseika Kumamoto Hospital, Kumamoto, Japan)

O31-4. Safety and Usefulness of the Leadless Transcatheter Pacing System: Single Center Initial Experience

Shingo Sasaki (Department of Cardiology, Hirosaki University Graduate School of Medicine, Aomori, Japan)

O31-5. Cadaver Training for the Implantation of Leadless Pacemaker Micra™.

Kazuhisa Nishimura (Department of Cardiology, Pulmonology, Hypertension and Nephrology, Ehime University Graduate School of Medicine, Ehime, Japan)

O31-6. Early Experience of Leadless Pacemaker Implantation in Our Hospital

Munekazu Tanaka (The Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto, Japan)

O31-7. Early Performance of Leadless Cardiac Pacemaker: Single Center Experience

Takeshi Matsuura (Cardiovascular and Heart Rhythm Center, Akashi Medical Center)

O31-8. Short-Term Follow Up Results of the Micra: Transcatheter Pacing System in a Single Center

Yui Nakayama (Division of Cardiology, Department of Internal Medicine, St. Marianna University School of Medicine, Kanagawa, Japan)

Rapid Firing 1

● Thursday, July 12 9:30-10:30 Rapid Firing (Site A)

Chairperson :

Tetsuo Sasano (Tokyo Medical and Dental University, Tokyo, Japan)

Speakers :

RF1-1. A Case of Stress Cardiomyopathy and Increased Pacing Threshold That Arose after Pacemaker Implantation to Treat Cardiac Sarcoidosis-associated Complete Atrioventricular Block

Hiroyuki Toyoshi (Department of Cardiovascular Medicine, Chuno Kosei Hospital, Gifu, Japan)

RF1-2. How Old Patients Are Indicated for Pacemaker Implants? –Medium Term Mortality in Elderly Patients with Pacemakers–

Toshihiko Goto (Department of Cardio-Renal Medicine and Hypertension, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan)

RF1-3. Two Cases of PVC Induced Cardiomyopathy, Both of Them Required Surgical Ablation to Eliminate PVC

Kunihiko Tsuchiya (The Cardiovascular Medicine of Gifu Heart Center, Gifu, Japan)

RF1-4. Successful Radiofrequency Catheter Ablation for Premature Ventricular Contractions Originated from Posterior-superior Process of the Left Ventricle: 2 Case Reports

Nobutaka Masunaga (JCHO Hoshigaoka Medical Center, Osaka, Japan)

RF1-5. Resolution of Sinus Pauses after Intravenous Ceftriaxone Administration for Suspected Lyme Carditis

Yasuhiro Yokoyama (Cardiology, St. Luke's International Hospital, Tokyo, Japan)

RF1-6. Investigation on Recurrence of Atrial Fibrillation Post Cryoballoon Ablation

Yoshiyuki Kamiyama (Ohta General Hospital Foundation Ohta Nishinouchi Hospital, Fukushima, Japan)

RF1-7. Left Ventricular Hypertrophy and the CHA2DS2-VASc score Are Related to Low Left Atrial Appendix Flow Velocity

Kazuto Hayasaka (Department of cardiology, Kameda Medical Center, Chiba, Japan)

RF1-8. Approach to Non Paroxysmal Atrial Fibrillation without Low Voltage Zones

Masaya Fujita (The Department of Cardiology, Toyota Kosei Hospital, Aichi, Japan)

Rapid Firing 2

Thursday, July 12 15:00-16:00 Rapid Firing (Site A)

Chairperson :

Takeshi Aiba (National Cerebral and Cardiovascular Center, Osaka, Japan)

Speakers :

RF2-1. Prognosis of Japanese Non-Ischemic Cardiomyopathy Patients with Implantable Cardioverter Defibrillator for Primary Prophylaxis—Cardiac Sarcoidosis versus Hypertrophic Cardiomyopathy versus Dilated Cardiomyopathy—

Miyo Nakano (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba, Japan)

RF2-2. Recruitment of Complete Right Bundle Branch Block by Permanent Selective His Bundle Pacing

Tatsuhiko Kataoka (Department of Cardiovascular Medicine, Faculty of Medical Sciences, University of Fukui, Fukui, Japan)

RF2-3. A Case of Successful Catheter Ablation for Ventricular Electrical Storm Originating from Intramural Substrate in Patients with Cardiac Sarcoidosis

Yoshimori An (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto Japan)

RF2-4. A Specific Electrophysiological Finding of the Ventricular Arrhythmia Originating from

the Non-coronary Cusp

Yasunori Kanzaki (Department of Cardiology, Ogaki Municipal Hospital, Gifu, Japan)

RF2-5. The Impact of Dominant Frequency of Body Surface Electrocardiogram and Atrial Fibrillation Cycle Length of Intracardiac Electrocardiogram in Patients with Persistent Atrial Fibrillation

Yosuke Murase (Department of Cardiology, Nagoya University Graduate School of Medicine, Aichi, Japan)

RF2-6. Successful Management of Recurrent Sustained Ventricular Tachycardia with Cardiac Sympathetic Denervation after Catheter Ablation of Atrial Fibrillation and Premature Ventricular Contraction

Kikou Lee (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo, Japan)

RF2-7. Surgical Treatment of Heart Failure and Atrial Tachycardia in a 60's Years Old Patient with a History of Operation for Tetralogy of Fallot

Yusuke Sonoda (Department of Cardiology, Kakogawa Central City Hospital, Hyogo, Japan)

RF2-8. The Factors Associated with Response to Landiolol Treatment for Congestive Heart Failure Patients with Atrial Arrhythmia

Yuko Matsui (Department of Cardiology, Tokyo Women's Medical University Hospital, Tokyo, Japan)

Rapid Firing 3

● Friday, July 13 9:30-10:30 Rapid Firing (Site A)

Chairperson :

Mihoko Kawabata (Tokyo Medical and Dental University, Tokyo, Japan)

Speakers :

RF3-1. Pacemaker Implantation in Very Elderly Patients

Sonoko Matsuyama (The Department of Cardiology, Himeji Cardiovascular Center, Hyogo, Japan)

RF3-2. Pacing from Great Coronary Vein Captured Preferential Pathway of Premature Ventricular Contraction

Yasuhiro Matsuda (Kansai Rosai Hospital Cardiovascular Center, Hyogo, Japan)

RF3-3. Right Coronary Cusp as a Safety Window for Catheter Ablation of Ventricular Arrhythmias Originating from the Lower Portion of the Outflow Tract: A Case Report

Haruka Nomura (Department of Cardiovascular Medicine, Faculty of Medical Sciences, University of Fukui, Fukui, Japan)

RF3-4. Efficacy of Oral Amiodarone for Recurrent Atrial Tachyarrhythmias after Catheter Ablation in Patients with Hypertrophic Cardiomyopathy

Daisuke Horiuchi (Department of Advance Management of Cardiac Arrhythmias, Hiroshima University Graduate School of Medicine, Aomori, Japan)

RF3-5. Clinical Significance of Early Recurrence after Catheter Ablation for Atrial Fibrillation between Different Energy Source; Cryoablation vs. Contact Force Radiofrequency Ablation

Nobuhisa Koderu (Iwakuni Clinical Center, Yamaguchi, Japan)

RF3-6. Comparison of the Predictor for Atrial Fibrillation Recurrence between within a Year and Over a Year Diapause.

Shinji Kaneko (Department of Cardiology, Toyota Kosei Hospital, Aichi, Japan)

RF3-7. The Utility of High Resolution Mapping Catheter to Reveal the Origin of Un-mappable Atrial Flutter: A Case Report

Satoshi Miyazawa (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

RF3-8. Ventricular Fibrillation and QT Prolongation during Oral β Stimulator in a Patient Carried a RYR2 Mutation: A Case Report

Kanae Hasegawa (Department of Cardiovascular Medicine, Faculty of Medical Sciences, University of Fukui, Fukui, Japan)

Rapid Firing 4

○ Friday, July 13 15:00-16:00 Rapid Firing (Site A)

Chairperson :

Masahiko Takagi (Kansai Medical University Medical Center, Osaka, Japan)

Speakers :

RF4-1. A Case of Double Device (the VVI-Pacemaker and the S-ICD) Management

Kei Mabuchi (Sakakibara Heart Institute, Tokyo, Japan)

RF4-2. A Case of Idiopathic Ventricular Tachycardia Successfully Ablated from Non-coronary Cusp

Masatsugu Nozoe (Division of Cardiology, Saiseikai Fukuoka General Hospital, Fukuoka, Japan)

RF4-3. Successful Radiofrequency Catheter Ablation for Electrical Storm in the Patient with Hypertrophic Cardiomyopathy and Apical Aneurysm Supported by Extracorporeal Membrane Oxygenation (ECMO)

Miyako Igarashi (Cardiovascular Center, Tsuchiura Kyodo General Hospital, Ibaraki, Japan)

RF4-4. Periprocedural Bleeding and Thromboembolic Complications in Elderly Patients Undergoing Catheter Ablation for Atrial Fibrillation with Warfarin: Comparison with Direct Oral Anticoagulants

Daisuke Horiuchi (Department of Advance Management of Cardiac Arrhythmias, Hiroasaki University Graduate School of Medicine, Aomori, Japan)

RF4-5. An Unusual Type of Ridge-related Reentrant Atrial Tachycardia

Takayuki Yoshida (Nagoya City East Medical Center, Aichi, Japan)

RF4-6. The Efficacy of Implantable Cardiac Monitor in Patients with Unexplained Syncope

Michiko Imai (Department of Cardiovascular Medicine, Maebashi Red Cross Hospital, Maebashi, Gunma, Japan)

RF4-7. Acute Onset of Ventricular Tachycardia Late after Aortic Valve Replacement: 2 Case Reports

Kentaro Goto (The Department of Cardiology, Ome Municipal General Hospital, Tokyo, Japan)

RF4-8. Incidence and Characteristics of Gastroparesis after Catheter Ablation of Atrial Fibrilla-

tion

Akihiro Takitsume (The Department of Cardiovascular Medicine, Nara Medical University, Nara, Japan)

Rapid Firing 5

● Friday, July 13 9:30-10:30 Rapid Firing (Site B)

Chairperson :

Takeshi Tomita (North Alps Medical Center Azumi Hospital, Nagano, Japan)

Speakers :

RF5-1. Safety and Long-term Efficacy of Atrial Fibrillation Ablation in Octogenarians

Hirosuke Yamaji (Okayama Heart Clinic, Okayama, Japan)

RF5-2. Assessment of Longevity for Cardiac Pacemakers in Patients Who Need Replacement of Cardiac Devices

Tomohiko Sakatani (Department of Cardiology, Japanese Red Cross Kyoto Daini Hospital, Kyoto, Japan)

RF5-3. Surgical Ablation for Frequent PVCs Originating from the Left Ventricular Summit

Fumito Miyoshi (Division of Cardiology Department of Medicine Showa University Koto Toyosu Hospital, Tokyo, Japan)

RF5-4. A Real World Data of Apixaban and Edoxaban in Japanese Patients with Nonvalvular Atrial Fibrillation

Akio Hirata (Cardiovascular Division, Osaka Police Hospital, Osaka, Japan)

RF5-5. Successful Suppression of Refractory Electrical Storm Secondary to Takotsubo Cardiomyopathy by Temporally Atrial Overdrive Pacing with Administration of Landiolol

Mitsuru Kahata (Department of Cardiology, Ogikubo Hospital, Tokyo, Japan)

RF5-6. Comparison of the Transdermal Bisoprolol Patch and the Oral Bisoprolol Fumarate Administration as Therapeutic Agent for Idiopathic Frequent Premature Ventricular Contractions

Masaya Shinohara (Department of Cardiovascular Medicine, Toho University Graduate School of Medicine, Tokyo, Japan)

RF5-7. Impact of Peri-pulmonary Vein Lesion Sets in Patients with Persistent Atrial Fibrillation

Takayuki Otsuka (The Department of Cardiology, The Cardiovascular Institute, Tokyo, Japan)

RF5-8. Ambulatory ECG-based Frequency Domain T-wave Alternans, Signal Averaged Electrocardiography, and Heart Rate Turbulence in Patients with Pulmonary Sarcoidosis

Yujin Maru (The Department of Cardiology, Nippon Medical School, Tokyo Japan)

Rapid Firing 6

● Friday, July 13 15:00-16:00 Rapid Firing (Site B)

Chairperson :

Shinichi Niwano (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Kanagawa, Japan)

Speakers :

RF6-1. The Differences in Biomarkers Indicating Myocardial Injury between CRYO and RF Ab-

lation

Satoshi Okumura (The Department of Cardiology, Konan Kosei Hospital, Aichi, Japan)

RF6-2. A Successful Case of Mitral Isthmus Ablation by Energization from the Left Atrial Appendage

Yoshinori Shirai (Toyota Kosei Hospital, Aichi, Japan)

RF6-3. Clinical Benefit of Catheter Ablation to Restore and Maintain Sinus Rhythm for Long-lasting Atrial Fibrillation in Elderly Patients

Keiji Inoue (Department of Cardiology, Kyoto Second Red Cross Hospital, Kyoto, Japan)

RF6-4. Successful Catheter Ablation of Atrial Premature Contractions from the Non-Coronary Cusp after Atrial Fibrillation/Tachycardia Ablation

Akinori Sugano (Cardiovascular Center, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

RF6-5. Successful Catheter Ablation of Focal Atrial Tachycardia in a Patient with Heart Failure

Koyu Sakai (Department of Cardiology, Kitakyushu Municipal Yahata Hospital, Fukuoka, Japan)

RF6-6. Atypical Approach for the Catheter Ablation of Paroxysmal Atrial Tachycardia with a Bilateral Femoral Vein Occlusion and Persistent Left Superior Vena Cava: A Case Report

Yuuki Arakawa (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Kanagawa, Japan)

RF6-7. P Wave \geq 120 ms Was Associated with Cardiovascular Events in Patients with at Least One Cardiovascular Risk

Ayko Yokota (Division of Cardiovascular Medicine, Jichi Medical University, Tochigi, Japan)

RF6-8. Epicardial Connection during Extensive Encircling Pulmonary Vein Isolation: A Three-dimensional Mapping Study

Koichiro Sonoda (Department of Cardiology, Sasebo City General Hospital, Nagasaki, Japan)

Rapid Firing 7

● Saturday, July 14 10:00-11:00 Rapid Firing (Site A)

Chairperson :

Hiroya Mizuno (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Osaka, Japan)

Speakers :

RF7-1. Relationship between the Ablated Lesion by Cryoballoon Ablation and the Location of Ganglionated Plexi

Kotaro Yutaka (Department of Cardiology, Osaka Saiseikai Izuo Hospital, Osaka, Japan)

RF7-2. Usefulness of Marshall Vein Pacing for Mapping the Residual Pulmonary Vein Potentials after Encircling the Antrum Region of Left Pulmonary Vein

Nobuhiro Honda (Department of Cardiology, St. Marys Hospital, Fukuoka, Japan)

RF7-3. A Case of Catheter Ablation Using Four-Dimensional Computed Tomography as a Voltage Map for Recurrent Atrial Fibrillation

Akinori Matsumoto (Department of Cardiovascular Internal Medicine, Akashi Medical Center, Hyogo, Japan)

RF7-4. A Case of Adenosine-sensitive Atrial Tachycardia Originating from Middle Layer of Postero-lateral Tricuspid Annulus

Yukinori Kato (Cardiovascular and Heart Rhythm Center, Akashi Medical Center, Hyogo, Japan)

RF7-5. Catheter Ablation of Atrial Tachycardia from a Tip of Right Atrial Appendage Using Non-Fluoroscopic Catheter Visualizing System (MediGuide™)

Yosuke Miwa (Kyorin University Hospital, Tokyo, Japan)

RF7-6. Effect of Oral Anticoagulation Therapy on the Incidence of Hematoma/Bleeding in Patients Undergoing Cardiac Implantable Electronic Device Surgery

Michiru Nomoto (Department of Cardiology, Saiseikai Kumamoto Hospital, Kumamoto, Japan)

RF7-7. Autonomic Function and the QT Interval during Nighttime Sleep in Infants with Long QT Syndrome

Masao Yoshinaga (National Hospital Organization Kagoshima Medical Center, Kagoshima, Japan)

RF7-8. Atrial Substrate Based on Low-voltage Areas in Patients with Postcardiac Surgery

Yoshio Yamaguchi (Department of Cardiology, Fukui CardioVascular Center, Fukui, Japan)

Rapid Firing 8

○ Saturday, July 14 10:00-11:00 Rapid Firing (Site B)

Chairperson :

Koji Fukuda (IUHW Hospital, Tochigi, Japan)

Speakers :

RF8-1. A Case of Periesophageal Vagal Nerve Injury in Cryoballoon Ablation for Atrial Fibrillation

Akemi Aso (Department of Cardiology, National Hospital Organization Kyushu Medical Center, Fukuoka, Japan)

RF8-2. Catheter Ablation for Cold Beverages Swallowing-Induced Atrial Fibrillation

Ken Terata (Department of Cardiology, Research Institute for Brain and Blood Vessels-Akita, Akita, Japan)

RF8-3. Quantitative Evaluation of Mechanical Dyssynchrony by CardioREPO

Keisuke Miyajima (Department of Cardiology, Seirei Mikatahara General Hospital, Shizuoka, Japan)

RF8-4. Impact of 7-day Continuous Holter Monitor for Detecting Asymptomatic AF Recurrences of Young Patients after Catheter Ablation

Kazutaka Nakasone (Cardiovascular Center, The Tazuke Kofukai, Medical Research Institute, Kitano Hospital, Osaka, Japan)

RF8-5. Cardiac Autonomic Activity Quantification Using Peripheral Arterial Tone Measurement

Sho Okamura (Department of Cardiovascular Medicine, University of Hiroshima, Hiroshima, Japan)

RF8-6. Risk Predictors of Supraventricular Tachycardia and Bradycardia Necessitating Therapy in Patients with Unexplained Syncope Receiving Implantable Loop Recorder

Tatsuya Onuki (Division of Cardiology, Department of Medicine, Showa University, Tokyo, Japan)

RF8-7. A Case of Swallowing-induced Atrial Tachycardia Which Was Eliminated by Radiofrequency Application to the Earliest Activation Site and the Supra Vena Cava-aorta Ganglionated Plexus Area

Marina Arai (The department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

RF8-8. A Case of Left Atrial Ridge-related Reentry Confused with Roof-Dependent Reentry Despite Roof Line Block Due to Leapfrog Conduction Over the Ridge

Satoru Sekimoto (Division of Cardiology, Nagoya City East Medical Center, Aichi, Japan)

Chaired Poster 1

● Thursday, July 12 9:30-10:30 Lane 1

Device 1

Chairperson :

Tomoo Harada (St. Marianna University School of Medicine, Kanagawa, Japan)

Speakers :

CP1-1. A Case of the CRT-D (Cardiac Resynchronization Therapy-Defibrillator) Implantation While Measuring the Electrical Delay for Severe Heart Failure with Complete Right Bundle Branch Block

Takeda Atsushi (Department of Cardiology, Hiroshima Prefectural Hospital, Hiroshima, Japan)

CP1-2. A Successful Case of His Bundle Pacing for Chronic Heart Failure after Mitral Valve Replacement

Shunsuke Torii (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo, Japan)

CP1-3. R Pattern in V9 Lead Derived from Synthesized 18-lead Electrocardiography Suggests Good Response to Cardiac Resynchronization Therapy

Keiji Matsunaga (Department of Cardiorenal and Cerebrovascular Medicine, Faculty of Medicine, Kagawa University, Kanagawa, Japan)

CP1-4. The Efficacy of Upgrade to Cardiac Resynchronization Therapy Compared with De Novo Therapy

Mitsuhiko Yahata (Department of Cardiovascular Medicine, Shizuoka General Hospital, Shizuoka, Japan)

CP1-5. Diagnostic Ability of Conventional Testing and Implantable Cardiac Monitoring

Satoshi Hara (Department of cardiology, Kameda Medical Center, Chiba, Japan)

CP1-6. Comparison of Dual Coil and Single Coil in ICD

Yuta Sugizaki (Cardiology, Toho University, Chiba, Japan)

Chaired Poster 2

● Thursday, July 12 15:00-16:00 Lane 1

Device 2

Chairperson :

Hisanori Kanazawa (Department of Cardiac Arrhythmias, Kumamoto University Hospital, Kumamoto, Japan)

Speakers :

CP2-1. Successful Implantation of the Leadless Cardiac Pacemaker in a Patient with Small Sized Octogenarian

Yoshinari Enomoto (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo, Japan)

CP2-2. Clinical Experience of Subcutaneous Implantable Cardioverter Defibrillators in Children and Adults in Japan

Yumi Munetsugu (Division of Cardiology, Department of Medicine, Showa University School of Medicine, Tokyo, Japan)

CP2-3. Leadless Pacemaker Implantation: A Useful Alternative to Generator Replacement in an Elderly Frail Patient with Elevated Ventricular Pacing Threshold

Masateru Kondo (Department of Cardiology, Iwate Prefectural Central Hospital, Morioka, Iwate, Japan)

CP2-4. Rates and Predictive Factors of the Ischemic Strokes between Cryoballoon Ablation and Radiofrequency Ablation for the Treatment of Paroxysmal Atrial Fibrillation: Propensity Score Matching Study

Asuka Nishimura (Department of Cardiology, Fujita Health University School of Medicine, Aichi, Japan)

CP2-5. The Utility of Spider Flash in Therapy Evaluation after AF Ablation

Masahiro Sogo (Kagawa Prefectural Central Hospital, Kagawa, Japan)

CP2-6. Study on the Implantation of the Subcutaneous Implantable Cardioverter Defibrillator (SICD)

Masahiro Iwakawa (Department of Cardiovascular Medicine, Toho University Sakura Medical Center, Chiba, Japan)

Chaired Poster 3 ★

● Thursday, July 12 9:30-10:30 Lane 2

Device 3

Chairperson :

Michio Nagashima (Kokura Memorial Hospital, Fukuoka, Japan)

Speakers :

CP3-1. What Is the Benefit Brought by Right Atrial Septal Pacing?

Masaharu Maegaki (The Department of Cardiology, Yokohama Rosai Hospital, Kanagawa, Japan)

CP3-2. Performance of an Atrial Fibrillation Detection Algorithm Using Continuous Pulse Wave Monitoring in Ambulatory Practice

Asami Kashiwa (National Cerebral and Cardiovascular Center, Osaka, Japan)

CP3-3. (Withdrawal)

CP3-4. Long Term Durability of Implantable Cardiovascular Defibrillator Leads: A Comparison between Recall Lead and Non-Recall Lead

Hitoshi Mori (Department of Cardiology, Saitama Medical University International Medical Center, Saitama, Japan)

CP3-5. How Does Anti-tachycardia Pacing Work in Real World?

Yoichiro Nakagawa (Department of Cardiology, Kanazawa University Hospital, Ishikawa, Japan)

CP3-6. Subtraction of QRS Duration Before and after Pacing Predicts the Efficacy of Septal Pacing in Patients with Complete AV Block

Toshifumi Morooka (Cardiovascular Medicine, Yamamoto Memorial Hospital, Saga, Japan)

Chaired Poster 4

● Thursday, July 12 15:00-16:00 Lane 2

Device 4

Chairperson :

Koji Fukuzawa (Section of Arrhythmia, Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Hyogo, Japan)

Speakers :

CP4-1. Our Method to Implant Leadless Pacemaker Safely Using 3D Cardiac CT

Masamitsu Nitta (The Department of Cardiology, Chiba West General Hospital, Chiba, Japan)

CP4-2. Prognosis Prediction Using the Parameter of a Remote Monitoring System for CRT Implanting

Junya Funabiki (Department of Cardiology, Nagoya University Graduate School of Medicine, Aichi, Japan)

CP4-3. Three Patients with Syncope Documented an Arrhythmic Event More Than Two Years Passed after Loop Recorder Implanted

Tomoyuki Yamada (The Cardiovascular Medical and Surgical Center, Shin-Yamanote Hospital, Tokyo, Japan)

CP4-4. Pecs Block; an Effective Pain Control in S-ICD Implantation

Masataka Kajiwara (Department of Cardiovascular Medicine, Saga University, Saga, Japan)

CP4-5. A Case of 14 Years Observation after Pacing Lead Stuck to the Thymus Vein

Ryota Ito (Cardiology, Toyotakosei Hospital, Aichi, Japan)

CP4-6. A Comparison of Patient Characteristics and Perioperative Data between Leadless Pacemakers (Micra) and Conventional Pacemakers in Patients with Bradycardia

Mina Hastuno (Department of Medicine, Teikyo University School of Medicine, Tokyo, Japan)

Chaired Poster 5

● Thursday, July 12 9:30-10:30 Lane 3

SVT

Chairperson :

Satoshi Higuchi (Tokyo Women's Medical University, Tokyo, Japan)

Speakers :

CP5-1. Catheter Ablation for Type B WPW Syndrome Revealed Underlying Complete Atrioventricular Block

Hiroshi Shimizu (Cardiology, Saiseikai Niigata Second Hospital, Niigata, Japan)

CP5-2. A Case That Cryoablation Was Effective for Slow-fast Avnrt with High Risk of Atrioventricular Block

Takuya Tsujimura (Kansai Rosai Hospital, Cardiovascular Center, Hyogo, Japan)

CP5-3. Radiofrequency Ablation for Base of Left Atrial Appendage Accessory Pathway

Yutaka Matsuhira (Department of Cardiology, Osaka Rosai Hospital, Osaka, Japan)

CP5-4. A Case of Atrial Tachycardia That Was Difficult to Identify the Circuit in Which Post Pacing Interval Matched at Various Sites

Daisuke Miyahara (Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

CP5-5. A Case Report of Successful Catheter Ablation of Atrioventricular Nodal Reentry Tachycardia with Complete Ventriculo-atrial Block

Akiko Sanada (Department of Cardiology, Niigata Medical Center, Niigata, Japan)

CP5-6. Cycle Length Alternans during an Atypical Atrioventricular Nodal Reentrant Tachycardia Utilizing a Superior Slow Pathway

Taihei Itoh (Department of Cardiology, Hirosaki University Graduate School of Medicine, Aomori, Japan)

Chaired Poster 6

● Thursday, July 12 15:00-16:00 Lane 3

Mapping

Chairperson :

Takayuki Otsuka (The Cardiovascular Institute, Tokyo, Japan)

Speakers :

CP6-1. Efficient and Effective Mapping of Multiple Ventricular Premature Complexes at One Time: Utility of Ensite Turbomap Feature

Mika Nagaoka (The Second Department of Internal Medicine, Kyorin University, Tokyo, Japan)

CP6-2. Centrifugal Wave-Front Propagation Speed for Localizing the Origin of Ventricular Arrhythmias: Investigation Using a New Ultra-High-Resolution Mapping System

Masaharu Masuda (Kansai Rosai Hospital, Hyogo, Japan)

CP6-3. Impact of Left Atrial Appendage Function on Spontaneous Echo Contrast in Patients with Atrial Fibrillation

Tatsuhiko Ooie (Department of Cardiology, Oita Oka Hospital, Oita, Japan)

CP6-4. Descriptive Analysis of Left Atrial Voltage and Fragmented Electrograms in Patients with Atrial Fibrillation

Shunsuke Kuroda (The Department of Cardiovascular Medicine, Kameda Medical Center, Chiba, Japan)

CP6-5. The Differences in Stability of Cycle Length between Peri-mitral and Roof Dependent Atrial Flutter

Satoshi Miyazawa (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

CP6-6. Short-Term Outcomes of Atrial Fibrillation Second Ablation Using the Newly High-Density Mapping System

Yoshifumi Ikeda (Saitama Medical University International Medical Center, Saitama, Japan)

Chaired Poster 7

● Thursday, July 12 15:00-16:00 MP-Lane

VT/VF 1

Chairperson :

Kikuya Uno (Sapporo Kitaguchi Clinic, Hokkaido, Japan)

Speakers :

CP7-1. Delayed Success of Catheter Ablation for Idiopathic Ventricular Tachycardia—A Case Report of the Child

Yoshinori Kanno (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

CP7-2. The New Insight in Ablation of Ventricular Arrhythmia Originated from Ventricular Outflow Tract

Saori Tsukuda (Department of Cardiology, University of Okayama, Okayama, Japan)

CP7-3. Outcomes in Catheter Ablation of Ventricular Tachycardia in Patients with Structural Heart Disease: A Single-center Experience

Masakazu Fukuda (Division of Cardiology, Department of Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)

CP7-4. Radiofrequency Catheter Ablation of Premature Ventricular Contraction from Near His-bundle Improves Clinical Status in Symptomatic Patients without Structural Heart Disease

Atsushi Tanaka (Munakata Suikokai General Hospital, Fukuoka, Japan)

CP7-5. A Case of Ablation of PVC Using Prepotential as Indicator from Valve Surrounding Area after Mitral Valve Replacement

Hikari Hashimoto (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo, Japan)

CP7-6. Acute Myocarditis Presenting as Ventricular Tachycardia: Focus on the Concordance between the Electrocardiogram and Magnetic Resonance Imaging

Chan-Hee Lee (Devision of Cardiology, Yeungnam University Medical Center, Daegu, Korea)

Chaired Poster 8

● Friday, July 13 9:30-10:30 Lane 1

Basic 1

Chairperson :

Takashi Ashihara (Department of Cardiovascular Medicine, Shiga University of Medical Science, Shiga, Japan)

Speakers :

CP8-1. Cellular Mechanisms Underlying Anisotropic Conduction in Ventricle: Insights from Computational Models

Kunichika Tsumoto (Graduate School of Medicine, Osaka University, Osaka, Japan)

CP8-2. Change of Whole Blood Coagulability Induced by Transient Temperature Stimulation

Anna Suzuki (Department of Cardiovascular Physiology, Tokyo Medical and Dental University, Tokyo, Japan)

CP8-3. Histological Assessment of Epicardial Adipose Tissue in Left Atrial Appendage Sections from Patients with or without Atrial Fibrillation

Ichitaro Abe (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Oita, Japan)

CP8-4. Deletion of Ghrelin Exacerbates Angiotensin II-induced Atrial Remodeling and Fibrillation

Ichitaro Abe (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Oita, Japan)

CP8-5. Cytoarchitecture of the AV Node and Right and Left Limbs in the Human Cardiac Conduction System: Observation in Human Autopsy Heart Sections

Ichitaro Abe (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Oita, Japan)

CP8-6. Distinct Dynamical Mechanisms Underlying the Initiation of Phase-2 Early Afterdepolarizations in a Human Ventricular Myocyte Model: Insights from Bifurcation Analysis

Yasutaka Kurata (Department of Physiology, Kanazawa Medical University, Ishikawa, Japan)

Chaired Poster 9 ★

● Friday, July 13 15:00-16:00 Lane 1

Basic 2

Chairperson :

Seiko Ohno (Department of Bioscience and Genetics, National Cerebral and Cardiovascular Center, Osaka, Japan)

Speakers :

CP9-1. Hyponatremia Aggravates Cardiac Susceptibility to Ischemia/Reperfusion Injury

Takahiro Oniki (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine/Graduate School of Medicine, Oita, Japan)

CP9-2. A Genomewide Association Study of Brugada Syndrome Patients in Taiwan

Tzu-Pin Lu (Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taiwan)

CP9-3. Toll-like Receptor 4 Signaling Promotes Atrial Fibrillation-related Remodeling in Mice

Fumi Yamagami (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

CP9-4. FRET Analyses of the Mechanisms of Accelerated Deactivation by Phe860 Mutations in hERG Channel

Shinichiro Kume (Department of Pathophysiology, Oita University School of Medicine, Oita, Japan)

CP9-5. Intolerance to Rapid Ventricular Pacing and Coronary Insufficiency in Pannexin-1 Knockout Mouse Heart

Kensuke Ihara (Department of Bio-informational Pharmacology, Medical Research Institute, Tokyo Medical and Dental University, Tokyo, Japan)

CP9-6. Characteristics and Short-term Outcome of Patients with Ventricular Fibrillation: Data from Tokyo CCU Network Registry in 2015

Akira Ueno (Tokyo CCU Network Scientific Committee, Tokyo, Japan)

Chaired Poster 10 ★

● Friday, July 13 9:30-10:30 Lane 2

Drug

Chairperson :

Atsuyuki Watanabe (Okayama University Hospital, Okayama, Japan)

Speakers :

CP10-1. Manifestation of Accessory Pathway by Inhibiting the Conduction of Atrioventricular Node Using Ultra-short-acting Intravenous Beta-1 Adrenergic Blocker

Takahiko Kinjo (Department of Cardiology, Hirosaki University Graduate School of Medicine, Aomori, Japan)

CP10-2. Real World Antithrombotic Therapy in Atrial Fibrillation Patients with a History of Percutaneous Coronary Intervention Before and after the Launch of Direct Oral Anticoagulants

Ai Horiguchi (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Sagamihara, Japan.)

CP10-3. Head-to-head Comparison of Periprocedural Anticoagulability Under Anticoagulation with Dabigatran versus Apixaban in Patients Undergoing Ablation of Atrial Fibrillation

Monami Ando (Department of Cardiology, Tokoname City Hospital, Aichi, Japan)

CP10-4. Three Year Follow Up Data of Stroke Events after Catheter Ablation for Atrial Fibrillation

Ryohei Amiya (Cardiovascular Division, Osaka Police Hospital, Osaka, Japan)

CP10-5. Long-term Clinical Efficacy of Ablation of the Non-pulmonary Vein Foci after Cryothermal Pulmonary Vein Isolation

Koji Goto (Division of Cardiovascular Medicine, Saitama Medical University International Medical Center, Saitama, Japan)

CP10-6. Predictors of Left Atrial Appendage Thrombus in Patient Treated with Direct Oral Anticoagulants in Patients with Nonvalvular Atrial Fibrillation

Yasuaki Tsumagari (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)

Chaired Poster 11

● Friday, July 13 15:00-16:00 Lane 2

VT/VF 2

Chairperson :

Kazumasa Adachi (Akashi Medical Center, Hyogo, Japan)

Speakers :

CP11-1. High Burden of Premature Ventricular Complex, the Incidence of Diabetes Mellitus and Coronary Artery Disease Are Correlated with Recovery of Neurohormonal Cardiac Dysfunction after Ablation

Nobuhiko Makino (Division of Cardiology, Osaka Police Hospital, Osaka, Japan)

CP11-2. Ventricular Tachycardia Accompanied by Various Electrocardiographic Changes Appeared after Bundle Branch Ablation for BBR-VT

Naohiko Sahara (Department of Cardiology, Ota Memorial Hospital, Gunma, Japan)

CP11-3. Catheter Ablation of Ventricular Arrhythmias Originating from Septum of Tricuspid Annulus

Kenji Morihisa (Department of Cardiology, Miyazaki Medical Association Hospital, Miyazaki, Japan)

CP11-4. The Hemodynamic Affect of Asymptomatic Accelerated Idioventricular Rhythm

Miki Yamase (The Department of Cardiology, Tokyo Heart Center, Tokyo, Japan)

CP11-5. The Clinical Characteristics in Patients with Hypertrophic Cardiomyopathy Related Sustained Ventricular Tachycardia

Atsuyuki Watanabe (Department of Cardiovascular Medicine, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama, Japan)

CP11-6. ECG Characteristics of Ventricular Arrhythmias Arising from Inaccessible and Accessible Left Ventricular Summit.

Shin Hasegawa (Nagoya Tokushukai General Hospital, Aichi, Japan)

Chaired Poster 12

● Friday, July 13 9:30-10:30 Lane 3

Complication

Chairperson :

Ken Kato (Tokyo Metropolitan Tama Medical Center, Tokyo, Japan)

Speakers :

CP12-1. Possible Limitation of Sensing System of Subcutaneous Implantable-cardioverter Defibrillator in Patients with Brugada Syndrome

Yuji Ishida (Hirosaki University, Aomori, Japan)

CP12-2. Chasing the Lost Capsule: A Case of Embolization and Retrieval of the Leadless Cardiac Pacemaker

Shigeki Kusa (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

CP12-3. A Case in Which the Pacemaker Lead Was Placed on the Epicardial Side of Left Ventricle Via Perforation of Coronary Vein

Aya Obuchi (Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine, Fukuoka, Japan)

CP12-4. A Case in Which Cold Agglutinin Disease during Cryoablation for Paroxysmal Atrial Fibrillation

Jun Kumanomido (Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine, Fukuoka, Japan)

CP12-5. Is Transvenous ICD Suitable for All Patients of Primary Prevention?: The Evaluation of Independent Predictors of Frequent ATP Event

Taiki Sato (Department of Cardiology, National Cerebral and Cardiovascular Center, Osaka, Japan)

CP12-6. A Case of Cardiac Tamponade Due to Coronary Artery Injury Caused by Atrial Screw-in Lead

Yumika Tsuji (Department of Cardiovascular Medicine, Kyoto Prefectural University of Medicine, Kyoto, Japan)

Chaired Poster 13 ★

● Friday, July 13 15:00-16:00 Lane 3

AF 1

Chairperson :

Masahiro Mizobuchi (Cardiovascular Center, Kyoto Katsura Hospital, Kyoto, Japan)

Speakers :

CP13-1. Diagnosis of Atrial Fibrillation by an Analysis of the Difference of the Successive R-R Intervals: the Second Report

Taishi Matsui (Nagaoka Factory, UNION TOOL CO., Niigata, Japan)

CP13-2. Usefulness of the CARTO3 System CONFIDENSE™ Module for a Treatment of Recurrent Atrial Arrhythmia in a Case with a History of AF Ablation

Kazuyoshi Suenari (Hiroshima City Hiroshima Citizens Hospital, Hiroshima, Japan)

CP13-3. The Clinical Factors Relevant to the Recurrence of Atrial Tachyarrhythmia Following Thoracic Vein Isolation with Defragmentation

Yazaki Kyoichiro (Department of Cardiology, Cardiovascular Center, Ogikubo Hospital, Tokyo, Japan)

CP13-4. The Predictive Value of Left Atrial Spontaneous Echo Contrast for Arrhythmia Recurrence after Atrial Fibrillation Catheter Ablation

Koichi Furui (Department of Cardiology, Ogaki Municipal Hospital, Gifu, Japan)

CP13-5. Impact of the Temporal Relationship between Atrial Fibrillation and Heart Failure on Rhythm Outcome after Catheter Ablation in Patients with Atrial Fibrillation and Heart Failure

Aki Tsuji (Kansai Rousai Cardiovascular Center, Hyogo, Japan)

CP13-6. The Relationship between Recurrence Pattern and Improvement of Cardiac Function after Ablation of Persistent Atrial Fibrillation

Hiroataka Sugiura (Niigata Medical Center, Niigata, Japan)

Chaired Poster 14

● Friday, July 13 9:30-10:30 MP-Lane

Drug Therapy

Chairperson :

Satoshi Higa (Makiminato Chuo Hospital, Okinawa, Japan)

Speakers :

CP14-1. The Prevalence of Inappropriate Doses of Direct Oral Anticoagulants Before Catheter Ablation for Atrial Ablation

Shingen Owada (Department of Internal Medicine, Division of Cardiology, Iwate Medical University, Iwate, Japan)

CP14-2. Uninterrupted Direct Oral Anticoagulant versus Warfarin Administration in Elderly Patients Undergoing Catheter Ablation for Atrial Fibrillation: A Comparison with Younger Patients

Satoshi Yanagisawa (Department of Advanced Cardiovascular Therapeutics, Nagoya University Graduate School of Medicine, Aichi, Japan)

CP14-3. Safety and Efficacy of Direct Oral Anticoagulants in Patients Undergoing Catheter Ablation of Atrial Fibrillation

Shun Nakagama (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)

CP14-4. Clinical Study of Blood Coagulability during Cryoballoon Applications in Patients Under Dabigatran Treatment

Rena Nakamura (Cardiology, Japan Red Cross Yokohama Bay City Hospital, Kanagawa, Japan)

CP14-5. Suppressive Effects of Oral Anticoagulants on the Level of D-dimer in Patients with Atrial Fibrillation

Akihiro Okamura (Division of Cardiovascular Medicine, Endocrinology and Metabolism, Department of Molecular Medicine and Therapeutics, Faculty of Medicine, Tottori University, Tottori, Japan)

CP14-6. The Evaluation of Conscious Level by Bismonitor Is Useful for Controlling VF Storm after Acute Coronary Syndrome in Two Cases

Takayuki Shimizu (The department cardiology, Subaru Health Insurance Society Ota Memorial Hospital, Gunma, Japan)

Chaired Poster 15

● Friday, July 13 15:00-16:00 MP-Lane

Others 1

Chairperson :

Kazuaki Kaitani (Japanese Red Cross Otsu Hospital, Shiga, Japan)

Speakers :

CP15-1. Non-ischemic Minimal Lesions in the Heart May Predict to Have Early Inherited Cardiomyopathy with Arrhythmogenic Potential

Yukiko Hata (Department of Legal Medicine, University of Toyama, Toyama, Japan)

CP15-2. A Case of Vomiting Syncope Only for the Period of Morning Sickness

Takashi Yamamoto (Department of Cardiology, Yoshinogawa Medical Center, Tokushima, Japan)

CP15-3. 11-Years Girl of Catecholaminergic Polymorphic Ventricular Tachycardia Presented Syncope during Exercise

Shuhei Fujita (Department of Pediatric, Toyama Prefectural Central Hospital, Toyama, Japan)

CP15-4. Large Size Hiatal Hernia May Add Vulnerability to Occurrence of Atrial Fibrillation

Yousaku Okubo (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima, Japan)

CP15-5. The Association between Bundle Branch Block and Cardiovascular Events in Patients with Cardiovascular Risk

Takafumi Okuyama (The Department of Cardiovascular Medicine, Jichi Medical University Hospital, Tochigi, Japan)

CP15-6. Mechanism of Supraventricular Tachyarrhythmia in Patients with Prior Cardiac Surgeries

Naoyuki Kamiyama (Department of Cardiovascular, Renal and Metabolic Medicine, Sapporo Medical University School of Medicine, Hokkaido, Japan)

Chaired Poster 16

● Saturday, July 14 10:00-11:00 Lane 1

AF 2

Chairperson :

Taku Nishida (Nara Medical University, Nara, Japan)

Speakers :

CP16-1. B-type Natriuretic Peptide May be a Suitable Predictor for Sinus Maintenance after Pulmonary Vein Isolation in Patients with Enlarged Left Atrium

Koji Yasumoto (Department of Cardiology, Osaka Rosai Hospital, Osaka, Japan)

CP16-2. Comparison of Ablation Modalities for Pulmonary Vein Isolation and Operators' Psychosomatic Stress

Ryuta Watanabe (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan)

CP16-3. High Incidence of Mitral Insufficiency in Women Among Patients with Persistent Atrial Fibrillation

Takakatsu Yoshitake (Cardiovascular Medicine, Shin-yurigaoka General Hospital, Kawasaki, Kanagawa, Japan)

CP16-4. A Heart Failure Patient with Preserved Ejection Fraction Exacerbated by Atrial Fibrillation: A Possible Mechanism of Heart Failure Revealed by Left Heart Catheterization Study

Tatsuhisa Ozaki (Cardiology, Osaka National Hospital, Osaka, Japan)

CP16-5. Non-Pulmonary Vein Foci Induced after Cryoballoon Ablation; Incidence, Risk Factor and Predictive Role on the Recurrence of Atrial Fibrillation

Nobutaka Kato (Japanese Red Cross Saitama Hospital, Saitama, Japan)

CP16-6. Prognostic Implication of Selvester QRS Scoring in Atrial Fibrillation Patients with

HFrEF Undergoing Catheter Ablation

Yoshihiro Nomura (Department of Cardiology, Fujita Health University, Aichi, Japan)

Chaired Poster 17 ★

● Saturday, July 14 10:00-11:00 Lane 2

AF 3

Chairperson :

Kazuyasu Yoshitani (Department of Cardiology, Hyogo Prefectural Amagasaki Hospital, Hyogo, Japan)

Speakers :

CP17-1. Prevalence and Correlates of Left Atrial Enlargement Based on Left Atrial Volume Index in Korean Patients with Non-valvular Atrial Fibrillation: Data from CODE-AF Registry

Min Soo Cho (Asan Medical Center, Seoul, Korea)

CP17-2. Hotballoon Ablation to Left Superior Pulmonary Vein Using Higher Temperature in Paroxysmal Atrial Fibrillation Patients

Yoshinori Nakamura (The Heart Rhythm Center, Tokyo Heart Center, Tokyo, Japan)

CP17-3. Clinical Implications of Preoperative Atrial Fibrillation with Respect to Postoperative Cardiovascular Outcomes in Patients Undergoing Non-cardiac Surgery

Min Soo Cho (Asan Medical Center, Seoul, Korea)

CP17-4. The Distance between Left Superior Pulmonary Vein Ostium and Left Bronchus Was Strongly Associated with Respiratory Problems during Cryoballoon Ablation

Hiroshi Yoshida (Yokohama City Minato Red Cross Hospital, Kanagawa, Japan)

CP17-5. Dispersion Ablation Using a Novel Single Overlay Display of Multipolar Intracardiac Electrograms and Pulmonary Vein Isolation in Patients with Persistent Atrial Fibrillation

Hiroshi Kato (Department of Cardiology, Fukui Kosei Hospital, Fukui, Japan)

CP17-6. Feasibility of Left Atrial Roof Liner Ablation Using Cryo-balloon in Addition to Atrial Pulmonary Vein Isolation

Yasuhiro Sasaki (The Department of Cardiology, Kobe City Medical Center General Hospital, Hyogo, Japan)

Chaired Poster 18

● Saturday, July 14 10:00-11:00 Lane 3

AF 4

Chairperson :

Tatsuya Usui (Japanese Red Cross Society Nagano Hospital, Nagano, Japan)

Speakers :

CP18-1. Anatomical Predictors for Difficulty of Acute Success of Hot Balloon Ablation in Patients with Atrial Fibrillation

Masayasu Izuhara (Department of Cardiology, Kishiwada City Hospital, Osaka, Japan)

CP18-2. Left Atrial Volume and Voltage in Patients with Atrial Fibrillation Assessed by PentaRay Catheter

Takahiro Furuya (Showa University Koto Toyosu Hospital, Tokyo, Japan)

CP18-3. The Predictors and Incidence of Newly Documented Atrial Fibrillation after Dual Cham-

ber Pacemaker Implantation

Hiroki Sugiyama (The Department of Cardiology, Ogaki Municipal Hospital, Gifu, Japan)

CP18-4. Middle-Term Outcomes of Catheter Ablation of Atrial Fibrillation Using Remote Magnetic Navigation System

Tomoyuki Nakanishi (Department of Cardiology, Kakogawa Central City Hospital, Hyogo, Japan)

CP18-5. Mapping of Atrial Premature Complexes Triggering Onset of Atrial Fibrillation in Patients with Atrial Septal Defect

Koji Nakagawa (Department of Cardiovascular Medicine, Okayama University, Okayama, Japan)

CP18-6. Could Adjunctive Bilateral Inferior Pulmonary Vein Bottom Radiofrequency Ablation after Cryoballoon Ablation for Paroxysmal Atrial Fibrillation Yield Better Outcomes?

Shunichi Higashiya (Okayama Heart Clinic, Okayama, Japan)

Chaired Poster 19 ★

● Saturday, July 14 10:00-11:00 MP-Lane

Others 2

Chairperson :

Kenichi Hiroshima (Kokura Memorial Hospital, Fukuoka, Japan)

Speakers :

CP19-1. ECG Change in Parkinson Disease with Decreased Uptake of I123-MIBG Scintigraphy

Makoto Tamura (The Department of Internal Cardiology, Shinrakuen Hospital, Niigata, Japan)

CP19-2. The Enlargement of Pulmonary Vein Develops Before Left Atrial Dilatation.

Masaaki Kurata (Division of Cardiology, Showa University Fujigaoka Hospital, Kanagawa, Japan)

CP19-3. Risk Stratification with Non-Invasive Techniques for Prediction of Cardiac Mortality in Patients with Myocardial Infarction

Toshio Kinoshita (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo, Japan)

CP19-4. Impact of Oxidative Stress on the Long-term Heart Rate Variability: Linear vs. Nonlinear Heart Rate Dynamics

Chan-Hee Lee (Devision of Cardiology, Yeungnam University Medical Center, Daegu, Korea)

CP19-5. Assessment of Time and Cause of Death after Cardiac Resynchronization Therapy in Patients with Heart Failure: A Long-term Follow-up Study

Masaki Takenaka (Department of Cardiology, Nagoya University Graduate School of Medicine, Aichi, Japan)

CP19-6. The Correlation between Circulating Intermediate CD14++CD16+Monocytes and Atrial Electrical Remodeling in AF Patients

Hideya Suehiro (Department of Cardiovascular Medicine, Kobe University, Hyogo, Japan)

Free Poster 1

● Thursday, July 12 15:00-16:00 Poster Venue

Speakers :

- FP1-1. Rikkunshito, a Traditional Japanese Medicine, Prevented Angiotensin II Induced Atrial Remodeling and Fibrillation
 Ichitaro Abe (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Oita, Japan)
- FP1-2. Cardiac Sarcoidosis Presenting as Complete Atrioventricular Block: Focus on the PET/MRI Images
 Chan-Hee Lee (Devison of Cardiology, Yeungnam University Medical Center, Daegu, Korea)
- FP1-3. A Case of Repeating Polymorphic Ventricular Tachycardia with Alcohol Induced by Secondary QT Prolonged Syndrome
 Masahiro Iwakawa (Department of Cardiovascular Medicine, Toho University Sakura Medical Center, Chiba, Japan)
- FP1-4. Sheath in Sheath Technique for His-bundle Pacing in Large Right Atrium: A Case Report
 Shinji Mito (Tsuchiya General Hospital, Hiroshima, Japan)
- FP1-5. Successful Measurement of Magnetocardiogram Using a 64-channel Magnetoresistive Sensor
 Atsuhiko Yagishita (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan)
- FP1-6. A Case of Paroxysmal Atrial Fibrillation in a Patient Successfully Treated by Radiofrequency Catheter Ablation with a Dislocation of the Heart Due to Funnel Chest
 Atsushi Tanaka (Munakata Suikokai General Hospital, Fukuoka, Japan)
- FP1-7. Non-contact Evaluation on the Autonomic Control of the Heart in Patient with Neutrally Mediated Syncope; A Case Report
 Bonpei Takase (Department of Intensive Care Medicine, National Defense Medical College, Saitama, Japan)
- FP1-8. Consideration of Treatment for Device Infection That Developed Two Months after Pacemaker Implantation
 Hikari Hashimoto (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo, Japan)
- FP1-9. A Simultaneous Isolation of Left PV with a " Crosstalk" Phenomenon during Cryoballoon AF Ablation
 Soichiro Kashihara (The Department of Cardiovascular Medicine, Kyusyu University, Fukuoka, Japan)
- FP1-10. A Case of Heart Failure Due to Persistent AF and LBBB Treated with a Hybrid Therapy of Catheter Ablation and CRT
 Daisuke Yakabe (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)
- FP1-11. Serious Events in Very Elderly Atrial Fibrillation Patients with or without Anticoagulation Therapy: Comparison Among Direct Oral Anticoagulant, Warfarin, and Non-Anticoagu-

lant

Ai Sakamoto (Department of Cardiology, Kagawa Prefectural Central Hospital, Kagawa, Japan)

FP1-12. Three-dimensional Mapping in a Patient with Recurred Atrial Fibrillation after HOTBALLOON Ablation

Akihiko Ueno (Toda Chuo General Hospital, Saitama, Japan)

FP1-13. Intracranial Hemorrhage in a Patient Receiving Triple Therapy

Go Ishimaru (Cardiology Division, Soka Municipal Hospital, Saitama, Japan)

FP1-14. A Case of the Amyloidosis Which Caused Recurrent Cardiac Arrest within Exploratory Laparotomy of Biopsy Purpose

Hisato Moritani (Department of Cardiology, Tottori Municipal Hospital, Tottori, Japan)

FP1-15. Predictors for a Longer Procedure Time in Successful Cavo-tricuspid Isthmus Ablation

Hitomi Yuzawa (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo, Japan)

FP1-16. Pathological Findings in the Acute Phase after Hot Balloon Ablation for Atrial Fibrillation

Iwanari Kawamura (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

FP1-17. Radio Frequency Pulmonary Vein Isolation in Situs Inverses Totalis

Jiro Hiroki (Department of Cardiology, Kameda Medical Center, Chiba, Japan)

FP1-18. A Pulmonary Vein Tachycardia Conducted through Isolation Gap Presented Atrial Extrasystole

Kageyuki Oba (Tomishiro Central Hospital, Okinawa, Japan)

FP1-19. Effects of Class I Antiarrhythmic Agents on Ionic Currents of Human iPS Cell-Derived Ventricular Myocytes

Keiichiro Masuda (Division of Regenerative Medicine, Tottori University School of Medical Science, Tottori, Japan)

FP1-20. Success Ablation Case of Manifest WPW Syndrome with Left Mid-septal Accessory Pathway

Kei Yamashiro (Department of Cardiology, Shonan Hospital, Okinawa Japan)

FP1-21. One-Point Posterior Ablation Leading to Complete Posterior Left Atrium Isolation: A Case Report

Kohei Kawajiri (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)

FP1-22. A Case Report of Cardiac Arrest Due to Pulmonary Embolism after Catheter Ablation for Paroxysmal Supra-ventricular Tachycardia

Kunihiko Shimizu (The Department of Cardiology, Nagano Redcross Hospital, Nagano, Japan)

FP1-23. Impact of Cryoballoon Ablation on Atrial Substrate Modification in Patients with Persistent Atrial Fibrillation

Masahito Suzuki (The Department of Cardiology, National Disaster Medical Center, Tokyo, Japan)

FP1-24. Recurrence of Ventricular Fibrillation during the Recovery Process in the Hypothermia Therapy in a Patient with Vasospastic Angina

Mayumi Kase (Department of Cardiology, Nagaoka Chuo General Hospital, Niigata, Japan)

FP1-25. Comparison of the Relationship between the Pulmonary Vein Carina Features and Recurrence Rates in Cryoballoon (CB) Ablation

Miwa Miyoshi (JCHO Osaka Hospital, Osaka, Japan)

FP1-26. Sludge Formation on Left Atrial Appendage after Ablation for Atrial Fibrillation

Natsuko Hosoya (The Department of Cardiology, Shizuoka City Shizuoka Hospital, Shizuoka, Japan)

FP1-27. Delayed CT Revealed Cardiac Involvement of Sarcoidosis in the Patient Diagnosed as Dilated Cardiomyopathy

Shinji Ishimaru (Department of Cardiology, Hanaoka Seishu Memorial Cardiovascular Clinic, Hokkaido, Japan)

FP1-28. Non-Contrast Micra Transcatheter Pacing System Implantation Guided by Intracardiac Echocardiography Using the AcuNav Ultrasound Catheter

Shuji Ostuki (Division of Cardiology, Teikyo University Hospital, Tokyo, Japan)

FP1-29. A Case Report: Twice Delayed Right Ventricular Perforations by Active and Passive Fixation Leads in a 81-year-old Woman with Complete Atrio-ventricular Block

Shun Hasegawa (National Hospital Organization Yokohama Medical Center, Kanagawa, Japan)

FP1-30. Effect of High Pass Filter for Subcutaneous ECGs Detected by S-ICD

So Asano (Department of Cardiology, Saitama Medical University, Saitama, Japan)

FP1-31. Reverse Left Atrial Remodeling after Radiofrequency Catheter Ablation in Patients with Non-paroxysmal Atrial Fibrillation: 1-year Follow-up

Sou Takenaka (Department of Cardiovascular Medicine, Toda Chuo General Hospital, Saitama, Japan)

FP1-32. Safety and Effectiveness of Leadless Pacemaker

Takahiro Iseda (Cardiology, Kokura Memorial Hospital, Fukuoka, Japan)

FP1-33. The Acute Phase Efficacy of Additional Cryoablation to Carina Side PV Branch for Persistent Atrial Fibrillation

Takuma Izutsu (Department of Cardiology, Sendai City Hospital, Miyagi, Japan)

FP1-34. The Efficiency of the Ablation during Atrioventricular Nodal Reentrant Tachycardia Using Cryo-energy Application

Tadashi Hoshiyama (Division of Cardiology, Kumamoto Chuo Hospital, Kumamoto, Japan)

FP1-35. Safety and Efficacy of Catheter Ablation in Elderly Patients with Atrial Fibrillation

Tetsuma Kawaji (Department of Cardiology, Mitsubishi Kyoto Hospital, Kyoto, Japan)

FP1-36. Clinical Impact of Thyroxin Levels on Recurrence of Atrial Fibrillation after Catheter Ablation for Patients without Thyroid Dysfunction

Tomoka Yonishi (The Department of Cardiology, Osaka University, Osaka, Japan)

FP1-37. The Lesion Width and Gap Assessed by Late-Gadolinium Enhancement Magnetic Resonance Imaging after Hotballoon Ablation as Compared to Cryoballoon Ablation

Tomomi Akita (Section of Arrhythmia, Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Hyogo, Japan)

FP1-38. A Case of Paroxysmal Atrial Fibrillation Returning to Sinus Rhythm after an SVC Isola-

tion Despite the Right Inferior Pulmonary Vein Initially Suspected as the Trigger

Toshimitsu Suga (Tottori Prefectural Central Hospital Division of Cardiology, Tottori, Japan)

FP1-39. "Double Fibrillation" in the Superior Vena Cava and the Atrium—A Case Report

Yohei Sumino (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

FP1-40. Preprocedural Troponin I Levels Predict Recurrence of Atrial Fibrillation after the Catheter Ablation

Yosuke Nakatani (Second Department of Internal Medicine, University of Toyama, Toyama, Japan)

FP1-41. Successful Cardiac Resynchronization Therapy for a Man with Adriamycin-Induced Cardiomyopathy and a Narrow QRS Complex

Yuichiro Sagawa (Department of Cardiology, Japanese Red Cross Musashino Hospital, Tokyo, Japan)

FP1-42. Pacemaker-detected Progression of Persistent Atrial Fibrillation and Sleep Apnea

Yuka Taguchi (Department of Medical Science and Cardiorenal Medicine, Yokohama City University Graduate School of Medicine, Kanagawa, Japan)

FP1-43. Dabigatran-induced Esophagitis after Radiofrequency Catheter Ablation

Yoko Ito (Cardiovascular Division, Tsukuba Memorial Hospital, Ibaraki, Japan)

FP1-44. Clinical Outcomes of Patient with Cardioverter Defibrillation for Secondary Prevention; Single-Coil Lead vs. Dual-Coil Lead

Kengo Korai (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan)

Free Poster 2

● Friday, July 13 15:00-16:00 Poster Venue

Speakers :

FP2-1. Regional Difference in the Use of Remote Monitoring for Cardiac Implantable Electronic Devices

Eiichi Watanabe (Department of Cardiology, Fujita Health University School of Medicine, Aichi, Japan)

FP2-2. Efficacy of Catheter Ablation for Long Standing Persistent Atrial Fibrillation Persisting More Than 2-Year

Kazuhiro Nagaoka (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)

FP2-3. A Report of Initial 25 Cases of Subcutaneous Implantable Cardioverter-defibrillator Implantation

Shigeki Kusa (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

FP2-4. The Efficiency of Pacemaker Implantation in the Axilla by Axillary Vein Direct Puncture

Masahiro Iwakawa (Department of Cardiovascular Medicine, Toho University Sakura Medical Center, Chiba, Japan)

FP2-5. Endocardial Diagnosis of Clockwise Ridge-Related Atrial Tachycardia Utilizing Ultra-High-Density Mapping System

Takatsugu Kajiyama (Cardiovascular Division, Tsuchiura Kyodo Hospital, Ibaraki, Japan)

FP2-6. Relationship between Right Atrial Dilatation and Recurrence of Atrial Fibrillation Ablation

Kazuhiro Yajima (Department of Cardiology, Nagoya City West Medical Center, Aichi, Japan)

FP2-7. We Ablate Older Patients with Atrial Fibrillation Year by Year

Hirohiko Suzuki (Department of Cardiology, Japanese Red Cross Nagoya Daini Hospital, Nagoya, Aichi, Japan)

FP2-8. Mapping of Atrial Tachycardias Using a Novel Ultra-high Resolution Mapping System

Kaori Hisazaki (Department of Cardiovascular Medicine, Faculty of Medical Sciences, University of Fukui, Fukui, Japan)

FP2-9. Predictors of Clinical Outcome of Catheter Ablation for Persistent Atrial Fibrillation

Kikou Lee (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo, Japan)

FP2-10. Prognostic Impact of Left Ventricular Reverse Remodeling after Catheter Ablation for Atrial Fibrillation in Patients with Reduced Ejection Fraction

Masato Okada (Cardiovascular Center, Sakurabashi-Watanabe Hospital, Osaka, Japan)

FP2-11. Does the Atrial Low Voltage Areas Extend in a Few Months Under Persistence of AF?

Shunsuke Kawai (Department of Cardiology, Kyushu University, Fukuoka, Japan)

FP2-12. Comparison of Left Atrial Voltage Mapping Using a Duodecapolar Ring Catheter versus a Pentaray Catheter in Patients with Atrial Fibrillation

Shunsuke Kawai (Department of Cardiology, Kyushu University, Fukuoka, Japan)

FP2-13. Relationship between Atrial Fibrillation Persistency and Left Atrial Fibrosis Progression by Cardiac Magnetic Resonance Imaging

Takanori Yamaguchi (CARMA Center, University of Utah, United States)

FP2-14. Creation of the Ablation Area by the Application of Cryoballoon at the Antrum of the Left Atrium

Takatoshi Shigeta (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama City, Japan)

FP2-15. Impact of Esophageal Position on Box Isolation for Atrial Fibrillation

Taku Nishida (Department of Cardiology, Nara Medical University, Nara, Japan)

FP2-16. The Clinical Outcome and Reliability of Low Voltage Guided Extensive Encircling Pulmonary Isolation Combined with Atrial Substrate Modification

Tatsuya Usui (Division of Cardiology, Nagano Redcross Hospital, Nagano, Japan)

FP2-17. The Incidence of Atrial Fibrillation in the Patients Who Underwent the CTI Ablation for Typical Atrial Flutter.

Yasuhiro Yokoyama (Division of Cardiovascular Medicine, Department of Medicine, Jichi Medical University School of Medicine, Tochigi, Japan)

FP2-18. Characteristics of Non-pulmonary Vein Foci in Patients with Paroxysmal Atrial Fibrillation

Yousaku Okubo (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima, Japan)

FP2-19. Incidence and Predictors of Early Recurrence after Cryoballoon Ablation for Paroxysmal Atrial Fibrillation

Akihiro Komasa (Department of Cardiovascular Medicine, Kyoto University Hospital, Kyoto, Japan)

FP2-20. We Should Take Care of the Patients with Organic Heart Disease in the Leadless Pacer Implantation

Akio Fukui (Division of Cardiovascular Medicine, Yamagata Prefectural Central Hospital, Yamagata, Japan)

FP2-21. Absence of Mitral Regurgitation Predicts Good Atrial Tachyarrhythmia Free Survival after Catheter Ablation of Atrial Fibrillation

Akira Mizukami (Department of Cardiology, Kameda Medical Center, Chiba, Japan)

FP2-22. Consideration of Patients Suitable for Subcutaneous Implantable Cardioverter-defibrillator Based on the Findings Obtained from Comparison with Trans-venous Implantable Cardioverter-defibrillator

Hideki Kobayashi (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

FP2-23. Serum Indoxyl Sulfate Level Predicts Improvement of Renal Function after Catheter Ablation for Atrial Fibrillation Complicating Early Stage of Chronic Kidney Disease

Hideki Koike (Department of Cardiology, Mitsui Memorial Hospital, Tokyo, Japan)

FP2-24. Insertable Cardiac Monitoring Consent Rate in Patients with Embolic Stroke of Undetermined Sources

Hideyuki Kishima (Department of Internal Medicine, Cardiovascular Division, Hyogo College of Medicine, Hyogo, Japan)

FP2-25. Long Term Outcome of Catheter Ablation for Atrial Fibrillation in Patients Under 40 Years Old

Hiroyuki Inoue (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka, Japan)

FP2-26. Occurrence of Antitachycardia Pacing in Implantable Cardioverter Defibrillator Patients without a History of Ventricular Tachycardia

Junya Hosoda (Yokohama City University Hospital, Kanagawa, Japan)

FP2-27. Freeze Indicators of Pulmonary Vein Electrical Reconnection after Cryoballoon Ablation

Kazuya Murata (Japanese Red Cross Saitama Hospital, Saitama, Japan)

FP2-28. The Smooth Conversion to Sinus Rhythm by Internal Cardioversion Predicts the Outcome of Catheter Ablation for Atrial Fibrillation

Kenki Ashida (Cardiovascular Division of Internal Medicine, Hyogo College of Medicine, Hyogo, Japan)

FP2-29. Catheter Ablation of Very Longstanding Persistent Atrial Fibrillation

Kojiro Tanimoto (Cardiology, NHO Tokyo Medica Center, Tokyo, Japan)

FP2-30. Gender Differences in Clinical Characteristics and Late Recurrence Rate after Pulmonary Vein Isolation in Patients with Small Left Atrium

Masamichi Yano (Division of Cardiology, Osaka Rosai Hospital, Osaka, Japan)

FP2-31. Clinical Characteristics of Patients with Atrial Fibrillation and Left Atrium Low Voltage Areas

Masaru Inoue (Division of Cardiology, Ishikawa Prefectural Hospital, Ishikawa, Japan)

FP2-32. Efficacy and Safety of Radiofrequency Catheter Ablation for Atrial Fibrillation in Patients Undergoing Hemodialysis

Masato Hachisuka (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo, Japan)

FP2-33. Association between Heart Valve Calcification and Atrial Fibrillation Recurrence after Catheter Ablation

Mayu Takano (Department of Cardiology, Tokyo Women's Medical University, Tokyo, Japan)

FP2-34. Factors that Associate with Touch-up Ablation in Pulmonary Vein Isolation Using Hot Balloon

Mitsuhiro Fukata (Department of Hematology, Oncology and Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)

FP2-35. The Comparison of the Different Deep Sedation Protocols during Ablation of Atrial Fibrillation

Naoko Kyoda (Department of Cardiology, JCHO Hoshigaoka Medical Center, Osaka, Japan)

FP2-36. Sequential Screw-in Technique for His Bundle Lead Implantation Improved Pacing Threshold of His Bundle Capture

Nobuaki Fukuma (Department of Cardiovascular Medicine, University of Tokyo, Tokyo, Japan)

FP2-37. A Comparison with Left Atrial Fibrosis and Fibrillatory Wave Amplitude on Surface ECG

Norihiro Enomoto (Arrhythmia Section of Cardiology in Hospital Clinic de Barcelona, Barcelona, Spain)

FP2-38. Comparison of the Index of Isolation in Cryoballoon Ablation between Electrical Potential and Temperature

Noriyuki Ohashi (Department of Cardiology, Kurashiki Central Hospital, Okayama, Japan)

FP2-39. Clinical Impact of Under Dose Direct Oral Anticoagulants on Patients with Atrial Fibrillation in Real-World Practice Compared with Labeling Dose: Kurashiki AF Registry

Reo Hata (The Department of Cardiology, Kurashiki Central Hospital, Okayama, Japan)

FP2-40. The Necessity of Permanent Pacemaker in Bradycardia Patients with Hyperkalemia

Satoshi Takahashi (Cardiovascular Division/Division of Coronary Heart Disease, Hyogo College of Medicine, Hyogo, Japan)

FP2-41. Contact Force and Stability Guidance Ablation in Elderly Patients with Atrial Fibrillation

Satoshi Taya (Kagawa Prefectural Central Hospital, Kagawa, Japan)

FP2-42. Inappropriate Dose Reduction of Edoxaban May Increase the Risk of Hypercoagulability after the Cryoballoon Ablation for Atrial Fibrillation

Satoya Yoshida (Cardiovascular Internal Medicine, Nagoya Daini Red Cross Hospital, Aichi, Japan)

FP2-43. Relationship between B-type Natriuretic Peptide Levels and Frequent Premature Ventricular Contractions after Atrial Fibrillation Ablation

Sen Matsumoto (Department of Cardiovascular Medicine, JCHO Hoshigaoka Medical Center, Osaka, Japan)

FP2-44. Predictive Value of Non-Inducibility after Catheter Ablation of Atrial Fibrillation

Shinichi Tachibana (The Department of Cardiology, Kameda Medical Center, Chiba, Ja-

pan)

FP2-45. Novel Electrophysiological Evidence of Functionally Longitudinal Dissociation in the His Bundle: Paradoxical Penetration into AV Node during Ventricular Stimulation

Shuntaro Tamura (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Gunma, Japan)

FP2-46. How Much Area Can be Isolated with Additional Ablation to Posterior Wall by Cryoballoon

Taiji Miyake (Cardiology, Gifu Heart Center, Gifu, Japan)

FP2-47. Radiofrequency Hot Balloon Ablation of Atrial Fibrillation: Mid-term Outcomes and Complications

Takahiro Okano (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

FP2-48. Atypical Fast-Slow Atrioventricular Nodal Reentrant Tachycardia Apparently Mimicking Slow-fast Type Due to Block at the Lower Common Pathway

Takashi Iizuka (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Gunma, Japan)

FP2-49. Comparison of the Efficacy and Safety of Catheter Ablation with TactiCath™ and ThermoCool STSFTM for Persistent Atrial Fibrillation

Takato Mohri (Department of Cardiology, Kyorin University Hospital, Tokyo, Japan)

FP2-50. Abnormality of the Coronary Sinus Ostium for a Patient with Dilated Cardiomyopathy—A Case Report—

Takeya Suzuki (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo, Japan)

FP2-51. Is Anti-tachycardia Pacing Necessary for Patients with an Implantable Cardioverter-Defibrillator for Primary Prevention ?

Tomohiko Hayashi (Department of Cardiovascular Medicine, Chiba University Hospital, Chiba, Japan)

FP2-52. Acute Outcome of Pulmonary Vein Isolation Plus Posterior Wall Isolation and Non-pulmonary Vein Trigger Ablation Using a New Contact Force-sensing Catheter for Persistent Atrial Fibrillation

Tomomasa Takamiya (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama, Japan)

FP2-53. Safety and Efficacy of Cryoballoon Ablation in Patients Over 75 Years Old

Yoko Tanimoto (Cardiology, NHO Tokyo Medical Center, Tokyo, Japan)

FP2-54. Efficacy and Risks of Catheter Ablation for Elderly Patients with Atrial Fibrillation

Yomshimasa Murakami (Nagoya City East Medical Center, Aichi, Japan)

FP2-55. The Efficacy of Catheter Ablation for Atrial Fibrillation in Patients with Low Left Ventricular Ejection Fraction

Yuki Osaka (Department of Cardiology, Ome Municipal General Hospital, Tokyo, Japan)

Free Poster 3

○ Saturday, July 14 10:00-11:00 Poster Venue

Speakers :

- FP3-1. Comparison of Periprocedural Safety between Interrupted and Uninterrupted Oral Anti-coagulation Therapy in Patients Who Underwent Atrial Fibrillation Ablation
Hirosuke Yamaji (Okayama Heart Clinic, Okayama, Japan)
- FP3-2. Can We Predict and Avoid Phrenic Nerve Paralysis Following Cryoballoon Ablation of Atrial Fibrillation?
Kaori Hisazaki (Department of Cardiovascular Medicine, Faculty of Medical Sciences, University of Fukui, Fukui, Japan)
- FP3-3. Comparison of the Force-Time Integral and Novel Lesion Index for a Durable Pulmonary Vein Isolation
Masaru Arai (The Department of Cardiology, Nihon University School of Medicine, Tokyo, Japan)
- FP3-4. Atrial Fibrillation with a Rapid Ventricular Rate in Congestive Heart Failure: An Evolving Sign of a Favorable Prognosis in the Era of Catheter Ablation
Masato Okada (Cardiovascular Center, Sakurabashi-Watanabe Hospital, Osaka, Japan)
- FP3-5. Is Implantable Cardioverter Defibrillator Mandatory Device for Arrhythmogenic Right Ventricular Cardiomyopathy with Normal Left Ventricular Function?
Nobuhiko Ueda (National Cerebral and Cardiovascular Center, Osaka, Japan)
- FP3-6. Relationship between Low Body Weight and Renal Function in the Elderly for Anticoagulant Therapy
Satoshi Okumura (The Department of Cardiology, Konan Kosei Hospital, Aichi, Japan)
- FP3-7. Late-phase Efficacy of Pulmonary Vein Isolation for Dissociated Pulmonary Vein Activity
Dai Inagaki (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)
- FP3-8. Relationship between the Number of Reconnected Pulmonary Veins and the Severity of Symptoms in Atrial Fibrillation Patients after Catheter Ablation
Dai Inagaki (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo, Japan)
- FP3-9. Peripheral Perfusion Reactivity to Sinus Rhythm Restoration after Catheter Ablation in Patients with Persistent Atrial Fibrillation
Yuji Motoike (Department of Cardiology, Fujita Health University, Aichi, Japan)
- FP3-10. The Impact of Catheter Ablation in Atrial Fibrillation Patient with Low Left Ventricular Ejection Fraction
Akihiro Sunaga (Department of Cardiology, University of Osaka, Osaka, Japan)
- FP3-11. Reverse Remodeling by Ablation of Atrial Fibrillation in Patients with Left Ventricular Systolic Dysfunction
Akinori Sato (Department of Cardiovascular Biology and Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan)
- FP3-12. Risk of Pulmonary Vein Stenosis after Cryoballoon Atrial Fibrillation Ablation is Lower than that of Radiofrequency Ablation
Atsushi Mochizuki (Department of Cardiovascular, Renal and Metabolic Medicine, Sappo-

ro Medical University, Hokkaido, Japan)

FP3-13. Pacing Threshold Elevation of CRT LV Lead after LVAD Implantation

Hiroaki Tabata (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Nagano, Japan)

FP3-14. Recurrence of Atrial Fibrillation among Patients Who Have Ventriculoatrial Conduction

Hiroki Yano (Department of Cardiovascular Medicine, Nara Prefecture Western Medical Center, Nara, Japan)

FP3-15. Feasibility and Safety of Cryoballoon Ablation for Atrial Fibrillation in Elderly Patients with Frailty

Hiroshi Tasaka (Department of Cardiology, Kurashiki Central Hospital, Okayama, Japan)

FP3-16. Procedural Benefit and Disadvantage of Hotballoon Ablation for Pulmonary Vein Isolation

Hirotsuna Oseto (Division of Cardiology, Department of Internal Medicine, The Jikei University School of Medicine, Tokyo, Japan)

FP3-17. Efficacy and Safety of Low-dose Amiodarone in Patients with Persistent Atrial Fibrillation after Catheter Ablation

Hiroyuki Takahara (Kobe Rosai Hospital, Hyogo, Japan)

FP3-18. Characteristics of the Patients Requiring Multiple Ablation Sessions in Pediatric Institution

Hisaaki Aoki (Osaka Women's and Children's Hospital, Osaka)

FP3-19. A Difficult Case of Atrial Tachycardia

Hitomi Imura (Toyota Kosei Hospital, Aichi, Japan)

FP3-20. Oral Amiodarone Treatment Does Not Improve Long-term Outcome after Successful Electrical Cardioversion in Persistent Atrial Fibrillation Patients

Kazuki Mitarai (Department of Cardiology and Critical Examination, University of Oita, Oita, Japan)

FP3-21. Impact of Skeletal Muscle Depletion on AF Recurrence Following Catheter Ablation

Kei Irie (Department of Hematology, Oncology and Cardiovascular Medicine, Kyushu University Hospital Heart Center, Fukuoka, Japan)

FP3-22. The Effectiveness and Safety of Hot Balloon Ablation of the Pulmonary Veins for Atrial Fibrillation in Our Hospital

Keisuke Shioji (Department of Cardiology, Kishiwada City Hospital, Osaka, Japan)

FP3-23. A Difficult Case of Left Atrial Roofline Block Ablation

Kentaro Adachi (Department of Cardiology, Toyota Kosei Hospital, Toyota, Aichi, Japan)

FP3-24. The Influence for Atrial Fibrillation Cycle Length of Extensive Substrate and Trigger Ablation for Persistent Atrial Fibrillation

Kento Yabe (Disaster Medical Center, University of Tokyo, Tokyo, Japan)

FP3-25. The Role of Electrophysiological Study for Diagnosis and Prognosis of Brugada Syndrome

Koji Sudo (Department of Cardiology, Niigata City General Hospital, Niigata, Japan)

FP3-26. Exercise Capacity in Patients with Atrial Fibrillation and Preserved Ejection Fraction

Kosuke Nakasuka (Department of Cardio-Renal Medicine and Hypertension, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan)

- FP3-27. The Impact of Closed Loop Stimulation on Upright Blood Pressure in Hypertensive Patients with Chronotropic Incompetence
Makoto Ono (Department of Medicine and Clinical Science, Division of Cardiology, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)
- FP3-28. External Carbon Ion Beam Radiotherapy without Catheter Ablation as the Innovative Treatment of Fatal Ventricular Arrhythmia
Mari Amino (Department of Cardiovascular Medicine, Tokai University, Kanagawa, Japan)
- FP3-29. Evaluation of Influence of Drug-induced Transient Apnea and Deep Breathing Recognized during Pulmonary Vein Isolation on Procedure and Recurrence
Mariko Tanaka (Department of Cardiology, Japanese Red Cross Wakayama Medical Center, Wakayama, Japan)
- FP3-30. Optimal Periprocedural Anticoagulation for Catheter Ablation of Atrial Fibrillation in the DOAC Era
Masashi Sada (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka, Japan)
- FP3-31. An Examination of the Effectiveness of CTI Ablation for Initial Paroxysmal Atrial Fibrillation Patients
Mase Hiroshi (Division of Cardiology, Showa University Fujigaoka Hospital, Kanagawa, Japan)
- FP3-32. Prediction of Boundary Line between Slow Pathway and Fast Pathway Using 3D Mapping System for the Treatment of Atrioventricular Nodal Reentrant Tachycardia
Motomi Tachibana (The Department of Cardiology, Sakakibara Heart Institute, Okayama, Japan)
- FP3-33. Impact of Incidence of Superior Vena Cava Foci with Cryoballoon in Paroxysmal Atrial Fibrillation Patients
Naoharu Yagi (The Cardiovascular Institute, Tokyo, Japan)
- FP3-34. Concomitant Atrial Fibrillation on Admission in Very Elderly Decompensated Heart Failure Patients Does Not Influence Clinical Courses
Noboru Oda (Department of Cardiology, Hiroshima City Asa Hospital, Hiroshima, Japan)
- FP3-35. Prospective Study of Esophageal Thermal Monitoring Catheters with 3 vs. 5 Temperature Sensor during Atrial Fibrillation Ablation
Norikazu Watanabe (Division of Cardiology, Showa University School of Medicine, Tokyo, Japan)
- FP3-36. Clinical Effectiveness of Single Figure-of-eight Suture Technique for Hemostasis after Radiofrequency Catheter Ablation for Atrial Fibrillation
Ryo Kitagaki (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka, Japan)
- FP3-37. Iatrogenic Atrial Septal Defect after Catheter Ablation for Atrial Fibrillation: Temporal Analysis of the Prevalence and the Prognostic Significance
Ryota Yamauchi (Ogaki Municipal Hospital, Gifu, Japan)
- FP3-38. Esophageal Position as Measured by Pre-procedural Computer Tomography Predicts the Reduction in Luminal Esophageal Temperature during Cryoballoon-based Pulmonary Vein Isolation

Satoshi Shimoo (The Department of Cardiovascular Medicine, Japanese Red Cross Kyoto Daini Hospital, Kyoto, Japan)

FP3-39. Acute Symptomatic Gastric Hypomotility after Cryoballoon Ablation for Atrial Fibrillation

Shintaro Yamagami (The Department of Cardiology, University of Kyoto, Kyoto, Japan)

FP3-40. Two Infant Cases of Long QT Syndrome Implanted ICD Surgically

Shuichiro Yoshida (The Department of Pediatric Cardiology, JCHO Chukyo Hospital, Aichi, Japan)

FP3-41. Brain Natriuretic Peptide Influences Ganglionated Plexi and Its Ablation Results in Patients with Non-paroxysmal Atrial Fibrillation

Takayuki Iida (Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital, Tokyo, Japan)

FP3-42. Electrophysiological Mechanisms Underlying Recurrent Atrial Tachycardias after Contact Force-guided Ablation of Atrial Fibrillation: A Comparison with Non-contact Force Guided Ablation

Takehito Sasaki (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Gunma, Japan)

FP3-43. Impacts of Antiarrhythmic Drugs on the Left Atrial Low Voltage Zones in Atrial Fibrillation Patients without Structural Heart Disease

Takuya Omuro (Faculty of Health Sciences, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)

FP3-44. Serum Thrombomodulin Levels Are Associated with Recurrence after Radiofrequency Catheter Ablation in Patients with Persistent Atrial Fibrillation

Tetsuya Watanabe (Department of Cardiovascular Medicine, Yao Municipal Hospital, Osaka, Japan)

FP3-45. Echo-guided Linear Ablation Induces Efficient and High Successful Left Atrial Anterior Blockline

Toshiya Kojima (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo, Japan)

FP3-46. Impact of Empiric Isolation of Superior Vena Cava in Addition to Pulmonary Vein Isolation on the Outcome of Persistent Atrial Fibrillation Ablation

Yasuhiro Yoshiga (The Department of Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)

FP3-47. Are There Differences in Coagulation and Fibrinolysis Markers Due to Methods and Anticoagulants in Patients Received Catheter Ablation for Atrial Fibrillation?

Yasunobu Takada (Cardiology, Konan Kosei Hospital, Aichi, Japan)

FP3-48. Cause of Very Late Recurrence Occurring More Than 5 Years after Epi Based Ablation in Patients with Paroxysmal Atrial Fibrillation

Yohei Oishi (Department of Cardiology, Osaka Saiseikai Izu Hospital, Osaka, Japan)

FP3-49. Factors Associated with Atrial Fibrillation in Non-obstructive Hypertrophic Cardiomyopathy Patients with Preserved Left Ventricular Ejection Fraction

Yoichi Ajiro (Department of Cardiology, National Hospital Organization Yokohama Medical Center, Kanagawa, Japan)

- FP3-50. Impact of Surgical and Catheter Ablation in Patients with Bradycardia-Tachycardia Syndrome
Yoshihiro Sobue (Gifu Heart Center, Gifu, Japan)
- FP3-51. Acute Heart Rate Increase after Procedure May Predict the Recurrence after Pulmonary Vein Isolation in Patients with Paroxysmal Atrial Fibrillation
Yoshinao Sugai (Department of Cardiology, Gunma Prefectural Cardiovascular Center, Gunma, Japan)
- FP3-52. The Predictors of Sinus Rhythm Maintenance by Catheter Ablation with Pulmonary Vein Isolation-only Strategy in Patients with Longstanding Persistent Atrial Fibrillation
Yuichi Hanaki (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Ibaraki, Japan)
- FP3-53. Patients Treated with Nadolol for Inherited Arrhythmias
Yuji Doi (Department of Cardiology, Shizuoka Children's Hospital, Shizuoka, Japan)
- FP3-54. T-wave Inversion Triggered by Spontaneous Atrial Premature Beats in a Patient with Takotsubo Cardiomyopathy Complicated by Long QT Duration and Torsade de Pointes
Yuki Sahashi (The Department of Cardiology, Gifu University Hospital, Gifu, Japan)
- FP3-55. Is R Wave Sign Useful in the Pediatric Patients with Brugada Syndrome?
Yu Matsumura (The Department of Pediatric, Tsuchiura Kyodo General Hospital, Ibaraki, Japan)
- FP3-56. Catheter Ablation of Atrial Fibrillation Improved Exercise Capacity in Patients with Persistent Atrial Fibrillation
Yutaka Take (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Gunma, Japan)
- FP3-57. The Congenital Long QT Syndrome with Repaired Cleft Lip and Palate and with the Manifestation of Prolonged QT Interval at Rest after Epinephrine Burden
Yuta Taomoto (Yokohama Minami Kyosai Hospital, Kanagawa, Japan)

MP 一般口演 1

● Thursday, July 12 8:30-9:30 Room 11

マッピングシステム

座長：丹生 治司 (小倉記念病院検査技師部)

堺 美郎 (済生会熊本病院臨床工学部兼不整脈先端治療部門)

演者：

MPO1-1. 心電図陰性 T 波に関する研究—心房中隔欠損と肺動脈狭窄・ファロー四徴症の鑑別が可能か?—

山本 誠一 (純真学園大学保健医療学部検査科学科)

MPO1-2. 右室流出路起源心室性期外収縮に対する CARTO3 Wavefront Annotation 機能における検討

坂元 雄介 (筑波大学附属病院医療機器管理センター)

MPO1-3. 心臓植込み型電気的デバイス (CIEDs) 患者に対する Magnetic Navigation System を用いたカテーテルアブレーションの考察

三木 悠資 (加古川中央市民病院臨床工学室)

MPO1-4. SOUNDSTAR を用いた Block Line 作成のための工夫

大塩 拓也 (東京ハートリズムクリニック臨床工学科)

MPO1-5. EnSite 使用時に 12 誘導心電図に混入するノイズへの対応
竹中 祐樹（岡山大学病院臨床工学部 CE 部門）

MP 一般口演 2

● Thursday, July 12 10:30-12:00 Room 11

ペースメーカー

座長：高垣 勝（滋賀県立総合病院）
前川 正樹（おもと会大浜第一病院診療技術部臨床工学科）

演者：

MPO2-1. TAVI で Rapid Pacing を行う最適なテンポラリーペースメーカーの検討

服部 哲斎（名古屋大学医学部附属病院臨床工学技術部）

MPO2-2. 経カテーテル的大動脈弁置換術後に恒久的ペースメーカー植込みを要した症例における房室伝導改善に関する後ろ向き検討

降矢 憲一（一般財団法人厚生会仙台厚生病院臨床工学室）

MPO2-3. 高度房室ブロックにて His 束ペーシングが有効であった 1 例

花城 緑（浦添総合病院 ME 科）

MPO2-4. His 束ペースメーカー留置後に予期せぬ R on T ペーシングを認めた徐脈性心房細動の 1 例

水野 貴仁（JCHO 中京病院 SMI センター）

MPO2-5. His-Bundle Pacing における A/V 値と V 波高値は右室の閾値上昇に関連する

黒田 聡（あかね会土谷総合病院診療技術部）

MPO2-6. 体位により閾値が変動し、V pacing failure or capture loss をきたした心サルコイドーシスの 1 例

細谷 裕一（千葉大学医学部附属病院臨床工学センター）

MPO2-7. CRT および左室リード Multipoint Pacing における、左室電位波形の重要性について

一柳 宏（名古屋大学医学部附属病院臨床工学技術部）

MPO2-8. CT を用いた横隔神経刺激発生部位と LV リード留置位置の関係について

鈴木 穰（独立行政法人労働者健康安全機構横浜労災病院臨床工学部）

MP 一般口演 3

● Thursday, July 12 13:30-15:00 Room 11

ICD/CRT

座長：一柳 宏（名古屋大学医学部附属病院臨床工学技術部）
熊丸 隆司（東京女子医科大学臨床工学部）

演者：

MPO3-1. 植込み型除細動器患者の不適切作動例における予後因子

山本 賢（藤田保健衛生大学病院 ME 管理室）

MPO3-2. 電気生理学検査・ピルジカニド負荷試験時での SCD 術前スクリーニングの有用性の検討と自動スクリーニングツールの使用経験

渡邊 哲広（獨協医科大学埼玉医療センター臨床工学部）

MPO3-3. 当院における皮下植込み型 ICD の術前スクリーニングと植込み後の ICD 不適切作動における検討

福島 基弘（公益財団法人大原記念倉敷中央医療機構倉敷中央病院臨床検査技術部）

MPO3-4. 心電図日内変動を認める Brugada 症候群（BS）における皮下植え込み型除細動器（S-ICD）

の皮下心電図センシングへの影響に関する検討

千葉 晶奈 (大崎病院東京ハートセンター臨床工学室)

MPO3-5. 当院の ICD/CRT-D 植込み患者における不適切作動の実態調査～心房細動 (AF) とそれ以外の上室性頻拍 (SVT) との比較～

小野 仁 (千葉大学医学部附属病院臨床工学センター)

MPO3-6. 心臓植込み型デバイス臨床意思決定支援システム構築へ向けて

渡邊 研人 (独立行政法人地域医療機能推進機構東京山手メディカルセンター臨床工学部)

MPO3-7. 健常人における TWA と R 波振幅変動の関連について

河部 里穂 (旭川医科大学病院臨床検査・輸血部)

MPO3-8. ICD/CRT 適応症例スクリーニング実施後の評価と課題

山本 基善 (心臓血管センター金沢循環器病院臨床工学部)

MP 一般口演 4

● Thursday, July 12 16:00-17:30 Room 11

心房細動アブレーション

座長: 柴田 正慶 (北海道循環器病院診療技術部臨床検査科)

石橋 麻希 (聖マリアンナ医科大学病院医療情報処理技術応用研究分野)

演者:

MPO4-1. 冷凍アブレーションカテーテル (CC) およびイリゲーションカテーテル (IC) による心筋深部温度変化の検証

根津 知行 (大崎病院東京ハートセンター臨床工学室)

MPO4-2. 心房細動アブレーション術中のフロートラックによるモニタリングの有用性と課題

島 久美子 (社会医療法人大成会福岡記念病院臨床工学室)

MPO4-3. 発作性心房細動に対するクライオバルーンアブレーション前後における三次元エコーを含めた左房機能の検討

南雲 涼太 (埼玉県済生会川口総合病院臨床検査科)

MPO4-4. Ablation Index (AI) 指標における焼灼巣についての実験的検討

堺 美郎 (済生会熊本病院臨床工学部)

MPO4-5. Cryo-Ablation における横隔神経障害に関与する CMAP 振幅成分に関する検討

高橋 泰輝 (東海大学医学部付属八王子病院診療技術部臨床工学技術科)

MPO4-6. クライオバルーンアブレーションでの CMAP 低下症例における右上下肺静脈から右横隔神経までの距離についての検討

徳留 大剛 (独立行政法人労働者健康安全機構横浜労災病院臨床工学部)

MPO4-7. 当院における心筋焼灼術時のカプノメータ使用について

長瀬 弘行 (一宮市立市民病院臨床工学室)

MPO4-8. 当院での Pulmonary vein isolation (PVI) における鎮痛と鎮静の管理

高松 幸子 (社会医療法人社団十全会心臓病センター榊原病院カテーテル室)

MP 一般口演 5

● Friday, July 13 8:30-9:30 Room 11

遠隔モニタリング

座長: 梅津 努 (筑波大学医学医療系支援室)

鶴野 和代 (宮崎市郡医師会病院看護科)

演者：

- MPO5-1. 植込みデバイス患者データ管理業務改善に向けたデータベースのカスタマイズ
小松崎 達也 (JA 茨城県厚生連総合病院土浦協同病院臨床工学部)
- MPO5-2. 遠隔モニタリングシステムの違いによる導入率と継続率についての検討
曾我 麻里 (済生会川口総合病院臨床工学科)
- MPO5-3. 心臓植込みデバイスの遠隔モニタリングシステムを用いた心不全管理の有用性と課題
中津川 悦子 (社会福祉法人仁生社江戸川病院看護部)
- MPO5-4. デバイスナースによる遠隔モニタリング患者の介入を開始して
呉屋 貴美 (浦添総合病院一般外来)
- MPO5-5. 遠隔モニタリングシステムにおける通信不良の原因の実態
前田 明子 (杏林大学医学部附属病院循環器内科不整脈センター不整脈先進治療学研究講座)

MP 一般口演 6

○ Friday, July 13 10:30-12:00 Room 11

不整脈の検出

- 座長：** 山田 辰一 (東京女子医科大学中央検査部)
前田 明子 (杏林大学医学部附属病院循環器内科不整脈センター)

演者：

- MPO6-1. ホルター心電計を用いた 20-80 才代の幅広い年齢層における健常例の期外収縮出現率についての検討
原田 直美 (日本大学医学部内科学系総合内科学分野)
- MPO6-2. Insertable cardiac monitoring による心房細動検出および対応に注意を要した 2 例
村上 紗也香 (兵庫医科大学臨床工学部)
- MPO6-3. 植え込み型心電図モニターで検出できなかった房室ブロックの 1 例
山崎 裕司 (兵庫医科大学臨床工学部)
- MPO6-4. 植込み型ループレコーダの初回イベント検出までの期間に関する検討
熊谷 英明 (昭和伊南総合病院臨床工学室)
- MPO6-5. 心房細動アブレーション患者と睡眠時無呼吸症候群の関連性
角野 健太 (東京ハートリズムクリニック臨床工学科)
- MPO6-6. ILR (Implantable loop recorder) 植込みにて確認された徐脈発作に対し、恒久的ペースメーカー植込みを行った患者の予後追跡
酒井 志保子 (福井県済生会病院臨床工学部)
- MPO6-7. 京都大学医学部附属病院検査部における心電図関連検査で認めた初回指摘心房細動の緊急連絡の有用性について
牟田 洋子 (京都大学医学部附属病院検査部)
- MPO6-8. 当院における Reveal LINQ[®] の心房細動検出に関する評価
北川 祐麻 (さいたま赤十字病院臨床工学技術課)

MP 一般口演 7

○ Friday, July 13 13:30-15:00 Room 11

治療の工夫

- 座長：** 池田 こずえ (篠田総合病院循環器科)
佐久間 一郎 (東京大学大学院工学系研究科附属医療福祉工学開発評価研究センター)

演者：

- MPO7-1. 下大静脈閉塞により奇静脈 - 上大静脈を經由して通常型心房粗動の電氣的焼灼術を施行した 1 例
神谷 謙人 (医療法人澄心会岐阜ハートセンター)
- MPO7-2. 当初洞性頻脈と考えられた高位右房起源の心房頻拍による頻脈誘発性心筋症の治療により補助人工心臓の装着を回避し得た 1 例
佐々木 健吾 (東北大学病院診療技術部臨床工学部門)
- MPO7-3. ペースメーカー植込み後の心不全を心エコー下で AVdelay を調節し改善した 1 症例
長見 英治 (独立行政法人労働者健康安全機構千葉労災病院臨床工学部)
- MPO7-4. 陳旧性左室下壁梗塞部位起源の心室頻拍に対する高周波カテーテルアブレーションに Rhythmia system を使用した 1 例
鳥羽 清志郎 (筑波大学附属病院医療機器管理センター)
- MPO7-5. VF electrical storm 時の 12 誘導心電図がカテーテルアブレーションにおける不整脈基質の同定に有用であった 1 例
井神 律香 (大阪府済生会中津病院検査技術部)
- MPO7-6. 体外式連続心拍出量測定用センサー (フロートラック) を用いて発作性上室性頻拍中の循環動態をモニタリングし得たアスリートの 1 例
浅見 陽介 (順天堂大学医学部附属順天堂医院臨床工学室)
- MPO7-7. アブレーションで使用する被ばく低減プロトコルの検討
西條 貴哉 (名古屋第二赤十字病院医療技術部放射線科)
- MPO7-8. 当院におけるリードレスペースメーカーの初期経験
朝原 康介 (公益財団法人大原記念倉敷中央医療機構倉敷中央病院臨床工学部)

MP_Rapid Firing 1**● Thursday, July 12 9:30-10:30 Rapid Firing (Site B)**

- 座長：**加藤 律史 (埼玉医科大学国際医療センター心臓内科)
柴田 幸美 (近畿大学医学部附属病院臨床工学部)

演者：

- MPRF1-1. 当院におけるペースメーカー患者の新規心房細動発症タイミングの検討
遠藤 義幸 (魚沼基幹病院臨床工学科)
- MPRF1-2. BIOTRONIK 社製ペースメーカーの胸郭インピーダンス測定機能は心不全管理に有効か
西田 純士 (地方独立行政法人広島市立病院機構広島市立安佐市民病院 ME センター)
- MPRF1-3. 臨床工学技士による清潔介助がカテーテルアブレーション時の準備時間短縮を図れるか
小谷 友喜 (鳥取県立中央病院臨床工学室)
- MPRF1-4. 房室結節リエントリー性頻拍に対するクライオアブレーション中の房室ブロックの検討
大庭 光三郎 (宮崎市郡医師会病院臨床工学室)
- MPRF1-5. 塞栓源不明脳塞栓症の原因精査に植込み型心電モニタが有用であった 1 例
磯村 健二 (大阪大学医学部附属病院臨床工学部/兵庫県立大学大学院応用情報科学研究科)
- MPRF1-6. 心房細動に対する Cryoballoon アブレーションにおける撮影レートによる、透視時間、空気カーマの比較検討
狩野 隼 (社会福祉法人仁生社江戸川病院放射線科)
- MPRF1-7. Kent 束伝導により著明な左室非同期収縮を示した Ebstein 合併 WPW 症候群の 1 例
秋山 健太郎 (岡村記念病院検査科)

MPRF1-8. 当院における Reveal LINQ? の運用と管理の現状

柳澤 雅美 (国立病院機構京都医療センター臨床工学科)

MP_Rapid Firing 2

○ Thursday, July 12 15:00-16:00 Rapid Firing (Site B)

座長：船崎 俊一 (済生会川口総合病院循環器内科/リハビリテーション科)

篠原 徹二 (大分大学医学部循環器内科・臨床検査診断学講座)

演者：

MPRF2-1. 当院におけるデバイス植込み患者の MRI 撮影の運用法について

吉田 純 (済生会川口総合病院臨床工学科)

MPRF2-2. リード構造における異なる断線経過を認めた 2 症例

小森 直美 (京都第二赤十字病院臨床工学課)

MPRF2-3. カテーテル検査室における心内心電図への電気ノイズの影響と対策

中村 悟士 (神戸市立医療センター中央市民病院臨床工学技術部)

MPRF2-4. 肺静脈隔離において伝導 Gap となる部位の Ablation index を用いた検討

高橋 清香 (特定医療法人渡辺医学会桜橋渡辺病院 ME 科)

MPRF2-5. 電池交換後より特定の体位にてペーシング不全を来した 1 例

石原 隆史 (愛媛大学医学部附属病院 ME 機器センター)

MPRF2-6. Advisor FL、Sensor Enabled を用いて作成した Geometry の Magnetic 補正と Impedance 補正による誤差の比較検討

野村 起 (北播磨総合医療センター臨床工学室)

MPRF2-7. 当院におけるリードレスペースメーカー植込み後の成績

境田 知子 (東京医科大学病院不整脈センター)

MPRF2-8. 心房細動へのカテーテルアブレーション治療後に再発した心房頻拍の興奮回路同定に Ripple mapping が有効であった 1 例

田中 雄己 (神戸市立医療センター中央市民病院臨床工学技術部)

MP_Chaired Poster

○ Thursday, July 12 9:30-10:30 MP-Lane

座長：遠田 賢治 (荻窪病院循環器内科)

演者：

MPCP-1. 当院における植込み型除細動器植込み患者のショック作動までの期間の調査と運転制限期間の妥当性の検討

長町 千里 (公益財団法人日本心臓血管研究振興会榊原記念クリニック看護部)

MPCP-2. ペースメーカーの加速度センサーをもちいたアクティビティ評価に関する検討

小林 成道 (名古屋市立大学病院臨床工学室)

MPCP-3. 従来の CRT ペーシングから Multipoint Pacing への変更が有効であった 1 例

高野 梨絵 (順天堂大学医学部附属浦安病院臨床工学室)

MPCP-4. カテーテル室コメディカルにおける BIS による鎮静管理の有用性に関する検討

長澤 領 (独立行政法人国立病院機構災害医療センター循環器内科不整脈センター)

MPCP-5. RMT カテーテル使用時におけるイリゲーション装置 SmartAblate の偽バブルエラーの原因と対策についての検討

田仲 達也 (愛仁会高槻高槻病院臨床工学科)

MPCP-6. ペースメーカー患者のフォローアップ率向上への取り組み

福村 陽子 (飯塚病院看護部)

MP_Free Poster

● Thursday, July 12 15:00-16:00 Poster Venue

演者 :

- MPFP-1. 浦添総合病院におけるリード抜去症例の検討
山内 亜由美 (仁愛会浦添総合病院 ME 科)
- MPFP-2. 当院におけるアブレーション周辺機器の環境整備について
武藤 千秋 (済生会川口総合病院臨床工学科)
- MPFP-3. CARTO システムにおける心電図同期単純 CT セグメント法の提案
武藤 千秋 (済生会川口総合病院臨床工学科)
- MPFP-4. Ca 沈着を疑うショックリードインピーダンスの変化に関する報告
小野 仁 (千葉大学医学部附属病院臨床工学センター)
- MPFP-5. デバイスデータから得られる睡眠呼吸障害指数より早期に検査治療へと介入出来た 1 例
森末 明彦 (医療法人広島ハートセンター広島心臓血管クリニック診療技術部)
- MPFP-6. ICD における放射線治療対応の工夫
持丸 篤 (滋賀県立総合病院臨床工学部)
- MPFP-7. ペーシング不要と判断し、抜去到ったにもかかわらず再留置した小児の 1 例
神谷 典男 (聖隷浜松病院臨床工学室)
- MPFP-8. 遺伝子解析にてカテコラミン感受性多型性心室頻拍 (CPVT) と考えられた突然死剖検事例
古川 智之 (滋賀医科大学社会医学講座法医学部門)
- MPFP-9. 心房細動に対するアブレーション治療における手技別被ばく線量の調査
瀬口 繁信 (名古屋第二赤十字病院医療技術部放射線科)
- MPFP-10. リードレスペースメーカー植込み後にデバイスに関連すると推測される心室期外収縮多発が認められた 1 例
市川 真嗣 (伊勢赤十字病院医療技術部臨床検査課)
- MPFP-11. クライオバルーンカテーテル挿入時の気泡混入軽減方法の検討
伴田 峻吾 (金沢医科大学病院 ME 部)
- MPFP-12. 心房細動アブレーション術後の心房頻拍に対し EnSite Velocity Precision2.0 における AutoMap 機能が有用であった 1 例
河藤 壮平 (岡山ハートクリニック臨床工学科)
- MPFP-13. 当院における S-ICD 植込みの現状
富田 大史 (安城更生病院臨床検査技術科)
- MPFP-14. バルーンアブレーションの経験のない施設における Hot Balloon 導入について
洞垣内 拓也 (一宮市立市民病院臨床工学室)
- MPFP-15. 不整脈治療で使用する医療機器の携帯情報端末 (PDA) による取り組み
石井 渉 (筑波大学附属病院医療機器管理センター)

市民公開講座

○ Saturday, July 14 14:00-16:45 ヒューリックホール東京

生活習慣に潜む不整脈の芽：不整脈からあなたを守る生活とは？

座長：萩原 誠久（第65回日本不整脈心電学会会長／東京女子医科大学循環器内科）

演者：

OF-1. 喫煙と心臓病・不整脈

山科 章（東京医科大学名誉教授／東京医科大学医学教育推進センター特任教授）

OF-2. 運動と心臓病・不整脈

渡邊 英一（藤田保健衛生大学医学部循環器内科）

OF-3. 不整脈と飲酒・肥満との関係

村越 伸行（筑波大学医学医療系循環器内科）

OF-4. 睡眠と心臓病

鈴木 真由美（東京女子医科大学循環器内科（睡眠科））

OF-5. 心臓病・不整脈を予防する笑いの効果

大平 哲也（福島県立医科大学医学部疫学講座）

落語：笑って健康を呼び込もう

柳家三之助