

| Entry No. | Abstract No. | Type of Session | Abstract title registered |
|-----------|--------------|--|---|
| 200003 | O47-2 | Oral Session | Placement of catheters without magnetic sensors in the coronary sinus without fluoroscopy guidance: Feasibility and safety evaluation |
| 200005 | O8-3 | Oral Session | Potential predictors for improvement of isolated diastolic function in patients with paroxysmal atrial fibrillation underwent pulmonary vein isolation. |
| 200007 | O27-1 | Oral Session | Diagnostic Performance of Machine Learning of Automatic Microvolt-level Measurement on 12-lead Electrocardiography to Distinguish Takotsubo Syndrome and Acute Anterior Myocardial Infarction |
| 200008 | O33-2 | Oral Session | Attenuation of amplitude of J wave on psychiatric drugs. |
| 200009 | P6-2 | Chaired Poster Session | Long-term Outcome after Catheter Ablation for Patients with Persistent and Long-standing Atrial Fibrillation by Using a 14-days, Leadless, Adhesive Patch Electrocardiographic Monitor |
| 200010 | O9-4 | Oral Session | Impact of radiofrequency application power on cavotricuspid isthmus ablation with a fixed target ablation index |
| 200011 | SY8-3 | Symposium : 左心耳をターゲットとした脳梗塞予防の新たな治療戦略 | Novel Hybrid Therapy with Catheter Ablation and Percutaneous Left Atrial Appendage Occlusion in Patients with Atrial Fibrillation |
| 200012 | O57-5 | Oral Session | Association of Premature Atrial Contraction Just After Procedure with the Outcome of Atrial Fibrillation Ablation |
| 200013 | O25-2 | Oral Session | Bioinformatics analysis of autophagy in atrial fibrillation |
| 200014 | O15-3 | Oral Session | Double Clip Strategy: Could it be a novel treatment for atrial functional mitral regurgitation? |
| 200015 | O35-2 | Oral Session | Hot Balloon Ablation with Surface Temperature Monitoring increase success rate of Balloon only Pulmonary Vein Isolation |
| 200017 | O36-5 | Oral Session | One-year Outcome of Wide-area Pulmonary Vein Isolation Using the Visually Guided Laser Balloon for Atrial Fibrillation. |
| 200019 | O20-3 | Oral Session | Initial results of ablation by CARTO FINDER for P-AF |
| 200020 | O65-5 | Oral Session | Correlates of sleep disordered breathing and Cheyne-Stokes respiration in patients with atrial fibrillation undergoing pulmonary vein isolation |
| 200021 | P4-5 | Chaired Poster Session | Contact dermatitis associated with wearable cardioverter-defibrillator |
| 200022 | SY3-5 | Symposium : アブレーション時代における不整脈外科治療 – 外科医・内科医のそれぞれの視点から望むもの – | The ideal managements of the left ventricular assist device recipients with ventricular tachycardia, in whom, when, and how to perform ablation |
| 200023 | D55-2 | Device Summit : Remote monitoring in the future | The Role of the Device Nurse in Cardiovascular Implantable Electric Devices' Managements for Patients-centered Care in Remote Monitoring Era |
| 200024 | O25-1 | Oral Session | Protective effects of eicosapentaenoic acid against saturated fatty acids-caused electrical remodeling in cardiomyocytes |
| 200025 | P10-5 | Chaired Poster Session | Atrial Flutter and Atrial tachycardia post Operation of Cox Maze |
| 200026 | O49-4 | Oral Session | Usefulness of Novel Phrenic Nerve Monitoring for Prevention of Phrenic Nerve Injury During SVC Isolation |
| 200027 | O53-5 | Oral Session | The Relationship between Heart Rate and Premature Atrial Contraction after Cryoballoon ablation for Paroxysmal Atrial Fibrillation |
| 200028 | O35-3 | Oral Session | Radiofrequency current versus balloon-based ablations for patients with atrial fibrillation: Insights into procedural data and efficacy from propensity score-matched cohort analysis |
| 200029 | O55-4 | Oral Session | Impact of Very Early Recurrence of Atrial Fibrillation after Cryoballoon Ablation |
| 200030 | P5-5 | Chaired Poster Session | Differences in Background and Prognosis of patients implanted CRTP/CRTD -a single center study- |
| 200031 | O22-5 | Oral Session | The correlation between local impedance drop and catheter contact in clinical practice |
| 200032 | O63-4 | Oral Session | Additional touch-up ablation in the middle area of posterior wall for posterior wall isolation in patients with persistent atrial fibrillation |
| 200033 | O44-5 | Oral Session | Long-term outcome of adenosine-induced atrial fibrillation after atrial fibrillation ablation: A propensity score matching analysis |
| 200034 | P3-6 | Chaired Poster Session | An Ultrasound-guided Creation of the Intermuscular Pocket for a Subcutaneous Implantable Cardioverter-defibrillator |
| 200035 | O20-1 | Oral Session | Comparisons of The Electrophysiological Features in Epicardial Connection and Gap Connection Using an Ultra-High-Density Mapping System |
| 200036 | O57-2 | Oral Session | What is true recurrence after catheter ablation of persistent atrial fibrillation? |
| 200037 | P6-4 | Chaired Poster Session | The feature of voltage map with difficult first-pass pulmonary vein isolation |
| 200038 | O23-1 | Oral Session | Early Recurrence were Important Factors Related to Late Recurrence after Multiple Ablations for Atrial Fibrillation |
| 200039 | P9-1 | Chaired Poster Session | Low-power long-duration ablation is better than high-power short-duration ablation guided by unipolar signal modification against the septopulmonary bundle during catheter ablation of atrial fibrillation |
| 200040 | AS3-2 | Ablation Summit : サルコペニア・フレイルそして併存疾患をもつ高齢患者のアブレーション | Long-Term Clinical Outcome and Safety of Catheter Ablation for Atrial Fibrillation in Possible Sarcopenia Patients |
| 200041 | O37-4 | Oral Session | Analysis of Lesions Found by Chance on Computed Tomography before Atrial Fibrillation Ablation |
| 200042 | P7-5 | Chaired Poster Session | Impact of catheter ablation on left ventricular diastolic function grade and left atrial reverse remodeling in patients with paroxysmal atrial fibrillation |
| 200043 | O60-4 | Oral Session | Utility of Arrhythmic Rehabilitation and Exercise Tolerance in Patients Undergoing Catheter Ablation for Atrial Fibrillation |
| 200044 | SY2-4 | Symposium : 先天性心疾患に伴う難治性不整脈：新技術の応用 | Heightened expectations for Pulsed Field Ablation for intractable arrhythmias associated with congenital heart disease |
| 200045 | P8-6 | Chaired Poster Session | Predictor of the recurrence over 3 years after catheter ablation for paroxysmal atrial fibrillation |
| 200046 | P3-1 | Chaired Poster Session | Comparison of the delayed electrical activation regions between intrinsic conduction and right ventricular pacing in patients with cardiac resynchronization therapy |
| 200048 | SY10-4 | Symposium : 新しい心不全治療薬の抗不整脈作用について | Sodium-Glucose Cotransporter 2 Inhibitors not only suppress recurrence after atrial fibrillation ablation but also cause atrial reverse remodeling |
| 200049 | O48-4 | Oral Session | Prognostic impact of plasma xanthine oxidoreductase activity in patients with chronic heart failure with atrial fibrillation |
| 200050 | O17-3 | Oral Session | A Novel Style of an Outpatient Clinic utilizing a Combination of Telehealth and Real-Time ECG monitoring in Patients after the Catheter Ablation |
| 200051 | O39-1 | Oral Session | Optimize manual atrioventricular synchronization in patients with VDD leadless pacemakers |

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| 200052 | O5-5 | Oral Session | Different Kinetics of Activated Clotting Time among Uninterrupted Oral Anticoagulants during Catheter Ablation Procedure |
| 200053 | O3-2 | Oral Session | Prognostic significance of natriuretic peptide levels in atrial fibrillation patients undergoing catheter ablation |
| 200054 | SY2-3 | Symposium : 先天性心疾患に伴う難治性不整脈 : 新技術の応用 | Catheter ablation for atrioventricular nodal reentrant tachycardia in patients with transposition of the great arteries after atrial switch operation. |
| 200055 | P1-1 | Chaired Poster Session | Fetal and Infant Lethal Ventricular Arrhythmias are Common in Cardiac Calmodulinopathy |
| 200056 | O15-4 | Oral Session | Transition from WATCHMAN to WATCHMAN FLX for percutaneous left atrial appendage occlusion |
| 200057 | O45-2 | Oral Session | Utility of Coherent Mapping for Identifying Localized Reentry |
| 200058 | O3-4 | Oral Session | Impact of Heart Rate on Adverse Events in Patients with Non-Valvular Atrial Fibrillation: The J-RHYTHM Registry |
| 200059 | O12-2 | Oral Session | The characteristics of abnormal ventricular signature in ischaemic and non-ischaemic cardiomyopathies |
| 200060 | P13-3 | Chaired Poster Session | Importance of additional ablation other than pulmonary vein isolation for the patients of atrial fibrillation with hypertrophic cardiomyopathy. |
| 200061 | SY5-5 | Symposium : 集中治療と不整脈管理 | Bailout ablation for refractory ventricular tachyarrhythmias in patients with percutaneous left ventricular assist devices |
| 200062 | SY12-1 | Symposium : 特発性心室期外収縮/心室頻拍のアブレーション戦略 | How to Use Bipolar and Unipolar Electrograms for Selecting Successful Ablation Sites of Ventricular Premature Contractions |
| 200063 | O50-5 | Oral Session | Daily Alcohol Consumption is Risk of New Onset Atrial Fibrillation |
| 200065 | O54-4 | Oral Session | Higher Power Could Achieve Greater Local Impedance Drop and Shorter Ablation Time Compared to the Conventional Power in Radiofrequency Ablation of Atrial Fibrillation |
| 200066 | O6-1 | Oral Session | Efficacy and Safety of Catheter Ablation Therapy for Atrial Fibrillation in Heart Failure Patients: A Subanalysis from ALCOHOL-AF Study |
| 200067 | O4-3 | Oral Session | Significant Conduction Delay around Right Ventricular Outflow Tract Contributes to Complete Right Bundle Block Morphology in Brugada Syndrome |
| 200068 | O31-2 | Oral Session | Very Long-term Follow up of Catheter Ablation for Atrial Fibrillation in Patients with Tachycardia-Bradycardia Syndrome: over 15 years follow-up |
| 200069 | O48-1 | Oral Session | Low atrial natriuretic peptide to brain natriuretic peptide ratio was associated with long-term prognosis of heart failure in patients with atrial fibrillation ablation |
| 200070 | SY12-3 | Symposium : 特発性心室期外収縮/心室頻拍のアブレーション戦略 | Tips and Tricks in Ablation of Para-Hisian Ventricular Arrhythmias -How to Approach Ventricular Arrhythmias with QRS Morphology Change Following Ablation- |
| 200071 | O28-1 | Oral Session | How early afterdepolarization triggers lethal arrhythmias in long QT syndrome type 2: a computational study |
| 200072 | O19-3 | Oral Session | Left Atrial Volume Index Predicts AF Duration Detected by Continuous Monitoring, Suggesting the AF Detection Marker. |
| 200073 | YIA5 | Young Investigator Award Competition | Characteristics and outcomes of patients with non-ischemic out-of-hospital cardiopulmonary arrest at night : Multicenter Registry from Tokyo CCU Network |
| 200074 | O27-2 | Oral Session | Development of Precise Genetic Prognostic Model for Hereditary Arrhythmia Disease Using Machine Learning |
| 200075 | SY9-4 | Symposium : TIPS of Catheter ablation for radiation reduction | New Software to Create 3D-Left Atrial Geometry Using Ultrasound |
| 200076 | DS1-2 | Device Summit : New era for cardiac pacing in heart failure | Efficacy of conduction system pacing for cardiac resynchronization on volume response in heart failure and left bundle branch block: Comparison with biventricular pacing |
| 200077 | P10-1 | Chaired Poster Session | Premature atrial contraction on Holter ECG predicts the recurrence of atrial fibrillation after catheter ablation |
| 200078 | O63-2 | Oral Session | A Novel Catheter Ablation Strategy for Non-Paroxysmal Atrial Fibrillation with Combined Cryoballoon, Radiofrequency and Marshall-vein Ethanol Ablations |
| 200079 | O19-4 | Oral Session | The effect of remote monitoring depends on management staff and system status |
| 200080 | O56-4 | Oral Session | Impact on early recurrence of atrial fibrillation after pulmonary vein isolation plus roof line block using cryoballoon. |
| 200081 | O10-4 | Oral Session | Impact of various ablation conditions on lesion characteristics at a constant ablation index value: Ex vivo experimental study |
| 200082 | P9-2 | Chaired Poster Session | Guideline-based Evaluation of Left Ventricular Diastolic Dysfunction Is Associated with Atrial Low Voltage Area and Arrhythmia Recurrence in Paroxysmal Atrial Fibrillation Patients Undergoing Catheter Ablation |
| 200083 | O7-2 | Oral Session | The Impact of Atrial Fibrillation on the Cognitive Deterioration in Heart Failure Patients -from the KUNIUMI Registry Acute Cohort. |
| 200084 | P11-1 | Chaired Poster Session | Clinical outcomes after one-year treatments with cryoballoon ablation for persistent atrial fibrillation at Ise Red Cross Hospital |
| 200085 | P8-2 | Chaired Poster Session | Angiographical Evaluation of Coronary Artery Spasms and Stenosis after Atrial Fibrillation Ablation |
| 200086 | O39-2 | Oral Session | Safety Of Leadless Pacemaker Implantation As An Alternative Therapy To Generator Replacement Of Transvenous Pacemaker |
| 200087 | P1-3 | Chaired Poster Session | The Relationship between Contact Force and Steam Pop in Catheter Ablation for Ventricular Arrhythmia |
| 200088 | O4-1 | Oral Session | Impact of visit-to-visit variability of early repolarization pattern on recurrence of ventricular fibrillation in patients with early repolarization syndrome |
| 200089 | P9-4 | Chaired Poster Session | Impact of Cavotricuspid Isthmus Depth on the Ablation Index for Successful First-Pass Typical Atrial Flutter Ablation |
| 200090 | O22-1 | Oral Session | Unipolar Voltages along Pulmonary Vein Isolation Line had stronger correlation with Left Atrial Wall Thickness than Bipolar Voltages and Predict Atrial Fibrillation Recurrence. |
| 200091 | O2-4 | Oral Session | Cryo-mapping during supraventricular tachycardia; Safeness and characteristics of the mode of termination |
| 200092 | SY5-3 | Symposium : 集中治療と不整脈管理 | Neuraxial Modulation for Electrical Storm of Refractory Ventricular Arrhythmias |
| 200093 | O1-5 | Oral Session | Safe and effective ablation of atrioventricular nodal reentrant tachycardia using Ultra-high-density mapping |
| 200094 | O11-5 | Oral Session | Initial experience of novel over the wire type decapolar catheter for ventricular arrhythmias originating from left ventricular summit |
| 200095 | O8-5 | Oral Session | Reverse remodeling of left ventricular function after catheter ablation in the patients with atrial fibrillation with mimic to dilated cardiomyopathy |
| 200096 | O56-5 | Oral Session | Efficacy and Safety of Novel Cryoballoon Ablation System for Left Atrial Roof Ablation in Patients with Atrial Fibrillation |

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| 200097 | O64-5 | Oral Session | Efficacy and Feasibility of Local Impedance-guided Superior Vena Cava Isolation |
| 200098 | O61-5 | Oral Session | Obstructive and Central Sleep Apnea Differently Develop Left Atrial Electrical and Structural Remodeling in Paroxysmal Atrial Fibrillation |
| 200099 | O57-3 | Oral Session | Significance of Mitral L Wave to Predict Late Recurrence of Atrial Fibrillation after Radiofrequency Catheter Ablation |
| 200100 | P6-6 | Chaired Poster Session | New Normal Definition of Left-Atrial Microelectrode-derived Bipolar Voltage Recorded by QDOT Micro catheter: Implication for Efficacy of Pulmonary Vein Isolation |
| 200101 | P1-2 | Chaired Poster Session | Long-term outcomes after an epicardial ventricular tachycardia ablation in structural and non-structural heart disease |
| 200103 | O46-5 | Oral Session | A Strong Association between de novo Left Atrial Macro-reentrant Tachycardia and Severe Low-voltage Area |
| 200104 | O56-1 | Oral Session | Feasibility and Efficacy of the Cross Over Technique for Left Atrial Posterior Wall Isolation Using the Cryoballoon Catheter in Patients with Persistent Atrial Fibrillation |
| 200105 | O9-5 | Oral Session | The Time to Reach the Minimum Freezing Temperature during Cryoablation is a Predictor of First-pass Conductional Block of Cavotricuspid Isthmus |
| 200106 | SY8-2 | Symposium : 左心耳をターゲットとした脳梗塞予防の新たな治療戦略 | LAA management and mid-term results |
| 200107 | O18-4 | Oral Session | Pitfalls of implantable loop recorders in patients with unknown syncope - no traces during ventricular fibrillation terminated by DC shock - |
| 200108 | O5-4 | Oral Session | Feasibility of temporary switching from factor Xa inhibitors to dabigatran in the perioperative period of catheter ablation for atrial fibrillation. |
| 200109 | O5-3 | Oral Session | Impact of low-dose or under-dose direct oral anticoagulant on coagulation and fibrinolytic markers in patients with atrial fibrillation |
| 200110 | O14-1 | Oral Session | Clinical impact of circadian patterns in electrical storm |
| 200111 | O63-1 | Oral Session | Impact of Long Superior Vena Cava Sleeve as a Non-Pulmonary Vein Trigger in Persistent and Long-Standing Persistent Atrial Fibrillation. |
| 200112 | O50-4 | Oral Session | Impact of serum alkaline phosphatase on new appearance of atrial fibrillation |
| 200113 | YIA6 | Young Investigator Award Competition | Histological Factors Associated with Atrial Bipolar Voltage in Patients with Atrial Fibrillation |
| 200114 | O62-1 | Oral Session | Stiff and calcified left atrium; unrecognized atrial remodeling after atrial fibrillation ablation |
| 200115 | O12-5 | Oral Session | Regulation for Patient Safety in Stereotactic Body Radiotherapy for Ventricular Tachycardia |
| 200116 | O60-5 | Oral Session | Clinical significance of the decreased coefficient of variance of R-R interval after pulmonary vein isolation in patients with atrial fibrillation |
| 200117 | AS1-3 | Ablation Summit : Mechanism and Therapy of Ventricular Tachycardia Derived from New Mapping System | Differentiation of surface of interest using temporal and spatial pacemap parameters for scar-related ventricular tachycardia |
| 200118 | O43-1 | Oral Session | Silent Atrial Fibrillation after Pulmonary Vein Isolation: Impact of Baseline Burden and Symptoms from Patient Reported Outcomes |
| 200119 | SY12-2 | Symposium : 特発性心室期外収縮/心室頻拍のアブレーション戦略 | An Anatomical Approach Guided by the Over-the-Wire Microelectrodes Catheter for Outflow Tract Ventricular Arrhythmia: Importance of Coronary Venous Branch Mapping. |
| 200120 | O17-1 | Oral Session | Impact of catheter ablation on the efficacy of atrial antitachycardia pacing for atrial tachyarrhythmias |
| 200122 | O30-5 | Oral Session | P-wave duration at 3 months after catheter ablation for persistent atrial fibrillation is associated with recurrence |
| 200123 | P7-1 | Chaired Poster Session | Predictors of prognosis and recurrence of atrial fibrillation after pulmonary vein isolation in patients with heart failure |
| 200124 | P4-6 | Chaired Poster Session | Sheath shape pattern during leadless pacemaker implantation |
| 200125 | P13-2 | Chaired Poster Session | Redo Ablation Strategies for Non-Pulmonary Vein-Dependent Atrial Fibrillation: Non-Pulmonary Vein Foci Ablation Versus Empirical Box and Superior Vena Cava Isolation |
| 200126 | P13-1 | Chaired Poster Session | Impact of Left Atrial Appendage Enhancement Pattern with Cardiac Computed Tomography and Flow Velocity in Patients with Atrial Fibrillation |
| 200128 | O64-1 | Oral Session | Relationship between effective refractory period and inducibility of atrial fibrillation of the superior vena cava after pulmonary vein isolation |
| 200129 | O52-4 | Oral Session | Impact on the conduction of Bachmann's bundle by roof line ablation by a 28-mm cryoballoon |
| 200130 | O49-2 | Oral Session | Utility of A Perclose ProGlide for the Prevention of the Femoral Vein Bleeding Undergoing Catheter Ablation for Atrial Fibrillation |
| 200131 | SY10-2 | Symposium : 新しい心不全治療薬の抗不整脈作用について | Empagliflozin suppresses human epicardial pre-adipocyte differentiation and maturation and improves paracrine secretome profile |
| 200132 | P10-3 | Chaired Poster Session | Safety and outcomes of single-operator cryoablation of atrial fibrillation |
| 200133 | SY6-5 | Symposium : Challenges and Pitfalls of His-Purkinje Conduction System Pacing | The usefulness of standard stylet-driven lead and new delivery system in left bundle branch area pacing. |
| 200134 | O54-5 | Oral Session | Pulmonary Vein Isolation with 50-W High-power and Short-duration Ablation Strategy for Persistent Atrial Fibrillation: Outcomes of 1-Year Follow Up |
| 200135 | DS1-3 | Device Summit : New era for cardiac pacing in heart failure | Comparison of the effects of complete and incomplete left bundle branch pacing and deep septal pacing on cardiac electrical and mechanical dyssynchrony. |
| 200136 | O19-2 | Oral Session | The Association between IHB burden and Left Atrial Remodeling Using a Home Blood Pressure Monitor in Patient with AF |
| 200137 | O25-5 | Oral Session | Ablation characteristics and the incidence of steam pop of a novel, surface temperature control ablation system(QDOT MICRO) in an ex vivo experimental model |
| 200139 | O30-3 | Oral Session | Right Atrial Low Voltage Zone as a Novel Predictor of Sinus Node Dysfunction in Patients with Non-paroxysmal Atrial Fibrillation |
| 200140 | O42-4 | Oral Session | Clinical Outcomes and Changes of paced QRS duration in Patients with Delayed Echocardiographic Response to Cardiac Resynchronization Therapy |
| 200141 | DS3-4 | Device Summit : 20 years from MADIT-II | Ventricular Arrhythmia Events in Heart Failure Patients with Cardiac Resynchronization Therapy with or without Defibrillator in Primary Prevention |
| 200142 | O47-3 | Oral Session | Early Experience and 1-year Outcome of Atrial Fibrillation Ablation with Reduction of Radiation Exposure Using Contact Force Sensing Catheter and Intracardiac Echo |
| 200143 | O33-3 | Oral Session | Impact of fragmented QRS on twelve-lead ECG for prognosis in cardiac sarcoidosis from nationwide survey. |
| 200144 | O21-2 | Oral Session | Ablation Strategy for Complex Left Atrial Tachycardia Analyzed by High-Resolution Mapping System |

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| 200145 | O43-4 | Oral Session | Time-course Attenuation in Epicardial Adipose Tissue Volume and Radiodensity Confers Lower Recurrence Rate in Paroxysmal Atrial Fibrillation |
| 200146 | DS1-4 | Device Summit : New era for cardiac pacing in heart failure | Comparison of the clinical impact of left bundle branch area pacing and right ventricular mid-septal pacing in patients with heart failure |
| 200147 | O50-2 | Oral Session | Prognostic impact of catheter ablation for atrial fibrillation or atrial flutter with diabetes mellitus |
| 200148 | O7-5 | Oral Session | The comparison of long-term major adverse clinical events following catheter ablation for atrial fibrillation between patients with heart failure with preserved- and reduced-ejection fraction |
| 200149 | O27-3 | Oral Session | Deep Learning of Left Atrial Computed Tomography Image Could Predict Recurrence Following Cryoballoon Ablation in Patients with Atrial Fibrillation |
| 200150 | P2-3 | Chaired Poster Session | Incidence and Implications of J waves Observed During Coronary Angiography |
| 200151 | AS1-4 | Ablation Summit : Mechanism and Therapy of Ventricular Tachycardia Derived from New Mapping System | Scar-related Ventricular Tachycardia: Comparison of Latest Annotation vs Wavefront Annotation in Functional Substrate Mapping. |
| 200152 | AS5-5 | Ablation Summit : 心房細動アブレーション リアルワールドデータの最新線 | Real-world Investigation on Anticoagulation Management before and after Ablation for Atrial Fibrillation in Japan: Periprocedural and Long-term Incidences of Thromboembolic and Major Bleeding Events |
| 200153 | O9-2 | Oral Session | Effect of Contact Vector Direction on Achieving Cavotricuspid Isthmus Block |
| 200154 | O58-1 | Oral Session | Clinical impact of right ventricular-pulmonary artery uncoupling on predicting the clinical outcomes after catheter ablation in persistent atrial fibrillation patients |
| 200155 | O24-1 | Oral Session | Change of QT interval before and after radiofrequency catheter ablation in pediatric patients with Wolff-Parkinson-White syndrome |
| 200156 | O31-5 | Oral Session | Improvement of the Quality of Life by Catheter Ablation for Atrial Fibrillation in Patients undergoing Hemodialysis |
| 200157 | O14-5 | Oral Session | Prediction of Ventricular Arrhythmia Events by HeartLogic Multisensor Score in Patients with an Implantable Cardioverter-Defibrillator |
| 200158 | O34-1 | Oral Session | Safety and Efficacy of PercloseTM Vascular Access Closure Device for Femoral Vein in Atrial Fibrillation Ablation |
| 200159 | P2-2 | Chaired Poster Session | Pathological and comprehensive genetic investigation of autopsy cases of idiopathic bradyarrhythmia |
| 200160 | O1-2 | Oral Session | Conduction delay and block in the AV node may develop mainly in the compact node in human |
| 200161 | O56-3 | Oral Session | The Impact of Left Atrial Roof Ablation Using Cryoballoon on Sinus Rhythm Maintenance in Patients with Non-paroxysmal Atrial Fibrillation |
| 200162 | O58-4 | Oral Session | Clinical value of electrophysiological inducibility after second-generation cryoballoon ablation in patients with paroxysmal atrial fibrillation |
| 200163 | P12-2 | Chaired Poster Session | Physical Component Summary score at 1 year after ablation can predict a very late recurrence of atrial fibrillation: Insights from the EARNEST-PVI trial |
| 200164 | O41-2 | Oral Session | Bilateral bundle branch area pacing may be useful to confirm the adequate left bundle branch area pacing in right bundle branch block patients |
| 200165 | O8-1 | Oral Session | Short-term effects of catheter ablation on patients with persistent atrial fibrillation with left ventricular systolic dysfunction |
| 200166 | O64-2 | Oral Session | Evaluation of Ablation Outcome for Paroxysmal Atrial Fibrillation of Atrial Septal Origin |
| 200167 | O24-2 | Oral Session | Molecular pathophysiology-based risk prediction in patients with long-QT syndrome type 2 |
| 200168 | O13-3 | Oral Session | Where is the wasted Implantable Cardioverter Defibrillator for secondary prevention? |
| 200169 | O44-2 | Oral Session | Impact of Female Sex on Very Late Recurrence After Catheter Ablation of Persistent Atrial Fibrillation: Insight from the EARNEST-PVI trial |
| 200170 | O51-1 | Oral Session | Epicardial Adipose Tissue could be a Valuable Predictor of a Challenging Ablation for the Outflow Tract Ventricular Arrhythmias |
| 200171 | P7-2 | Chaired Poster Session | Effect of Sodium-glucose Co-transporter-2 Inhibitor after Catheter Ablation for Atrial Fibrillation |
| 200172 | O62-4 | Oral Session | Clinical Significance of the Cardio-ankle Vascular Index in Atrial Fibrillation Patients Receiving Catheter Ablation |
| 200173 | O26-1 | Oral Session | Pathological remodeling occurring in the cynomolgus monkey hearts against atrioventricular block: characterization as an in vivo proarrhythmia model animal |
| 200174 | P1-4 | Chaired Poster Session | The procedural outcomes of catheter ablation for Premature Ventricular Contraction under general anesthesia vs. local anesthesia. |
| 200175 | SY6-3 | Symposium : Challenges and Pitfalls of His-Purkinje Conduction System Pacing | Complications of left bundle branch area pacing |
| 200176 | SY11-4 | Symposium : Risk stratifications in inherited arrhythmia syndromes: who should be treated? | Clinical Characteristics and Risk Stratification in Pediatric Brugada Syndrome |
| 200177 | SY12-4 | Symposium : 特発性心室期外収縮/心室頻拍のアブレーション戦略 | Comparison of Purkinje Potential Detection Between Linear Multipolar Catheter and Ablation Catheter: The Importance of Widely Spaced Small Electrodes |
| 200178 | O25-4 | Oral Session | The exosomal miRNA secreted by paced cardiomyocytes regulates adipocyte differentiation. |
| 200179 | O9-1 | Oral Session | Epicardial Connection in Cavotricuspid Isthmus Ablation |
| 200180 | O2-1 | Oral Session | Why is it Safe that Radiofrequency Ablation of Atrioventricular Nodal Reentrant Tachycardia in the Elderly? |
| 200181 | P4-2 | Chaired Poster Session | Leadless pacemaker(Micra®) implantation after the pacemaker infection. |
| 200182 | O37-5 | Oral Session | Left atrial low-voltage areas associate thromboembolic risk in patients with persistent atrial fibrillation who preserved left atrial appendage flow velocity |
| 200183 | O57-4 | Oral Session | Evaluation and comparison of impedance and amplitude changes in Lesion Size Index guided Pulmonary Vein Isolation |
| 200184 | SY2-2 | Symposium : 先天性心疾患に伴う難治性不整脈：新技術の応用 | The mechanisms and treatment efficacy for refractory atrial arrhythmias in complex CHD with huge RA |
| 200185 | O46-2 | Oral Session | Evaluation of Recurred Atrial Tachyarrhythmias after Pulmonary Vein Isolation using Functional and Structural Mapping of Non-paroxysmal Atrial Fibrillation |
| 200186 | O11-4 | Oral Session | Safety and efficacy of impedance decline guide power control bipolar radiofrequency catheter ablation |
| 200187 | O10-3 | Oral Session | Application mode related myocardial excitation recovery after successful radiofrequency (RF) catheter ablation. |
| 200188 | O43-3 | Oral Session | Impact of Fat in Left Atrial Roof on Procedural Outcomes in Patients Undergoing Pulmonary Vein Isolation: Identification with Intracardiac Echocardiography |

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| 200189 | O32-1 | Oral Session | The Association Between Abnormal Cardiac Sympathetic Nervous Activity and Lethal Arrhythmic Events in Chronic Heart Failure with Chronic Kidney Disease |
| 200190 | O2-3 | Oral Session | Estimation of local electrograms at the site of successful cryofreezing for typical atrioventricular nodal reentrant tachycardia |
| 200191 | DS5-3 | Device Summit : Remote monitoring in the future | Daily transmission rates of BIOTRONIK Home Monitoring and survey of patient demands for improving transmission rates. |
| 200192 | O44-1 | Oral Session | Impact of Hemoglobin Level for Effective Radiofrequency Ablation in the Human Left Atrium |
| 200193 | P11-4 | Chaired Poster Session | Different characteristics after radiofrequency and cryo ablations based on late gadolinium enhancement magnetic resonance imaging |
| 200195 | DS5-4 | Device Summit : Remote monitoring in the future | Effective of automatic data import system using API in remote monitoring |
| 200196 | SY2-1 | Symposium : 先天性心疾患に伴う難治性不整脈：新技術の応用 | Role of Catheter Ablation in the Management of Atrial Arrhythmias in Patients with Complex Adult Congenital Heart Disease |
| 200197 | O10-2 | Oral Session | Optimal contact force setting to make chronic transmural continuous lesionusing Recovery pig model |
| 200198 | P8-1 | Chaired Poster Session | Long-term effects of catheter ablation on the exercise tolerance, leg strength, and quality of life in paroxysmal and non-paroxysmal atrial fibrillation |
| 200199 | O36-4 | Oral Session | Acute Efficacy, Safety and Mid-term Outcome of Energy-Guided Short Duration Protocol of Laser Balloon based Pulmonary Vein Isolation for Atrial Fibrillation |
| 200200 | O59-4 | Oral Session | Safety and feasibility of Left Atrial Appendage Closure Device Implantation- Insight from Single Center experience- |
| 200201 | O60-3 | Oral Session | Impact of plasma aldosterone concentration on the recurrence of atrial tachyarrhythmias in hypertensive patients undergoing catheter ablation for atrial fibrillation |
| 200203 | O11-2 | Oral Session | Long-duration Potentials Around the Most Delayed Conduction Sites on the Ventricular Electrical Substrate Are Associated with Ventricular Tachycardia Circuits |
| 200204 | BS5-3 | Basic Researc Summit : AI(人工知能)・デジタルヘルスと不整脈診療の融合～現状と課題～ | Two-dimensional convolutional neural network-based ECG analyses predict in-hospital mortality in patients admitted to the coronary care unit |
| 200205 | YIA3 | Young Investigator Award Competition | Impact of hemoglobin level on clinical outcomes after catheter ablation in patients with atrial fibrillation |
| 200206 | YIA1 | Young Investigator Award Competition | Subsidiary Effect of Cryo-ablation on the Neighboring Non-Cardiac Structures for Suppression of Paroxysmal Atrial Fibrillation |
| 200207 | O58-3 | Oral Session | Association between early and true recurrence after catheter ablation of atrial fibrillation using radiofrequency catheter, cryoballoon, hotballoon or laserballoon |
| 200208 | O41-4 | Oral Session | Prognostic impact of physiological pacing on pacing-dependent cases |
| 200209 | O64-4 | Oral Session | Addition of Posterior Wall Box Isolation to Pulmonary Vein Isolation did not Reduce the Recurrence after Catheter Ablation of Atrial Fibrillation |
| 200210 | O44-3 | Oral Session | Comparison of pulmonary vein reconnection and outcomes after AF ablation: From the TRANQUILIZE-AF registry |
| 200211 | O1-1 | Oral Session | Efficacy of Additional Cryoablation near the Successful Ablation site for Atrioventricular Nodal Reentrant Tachycardia |
| 200212 | O32-3 | Oral Session | The reference values of premature complexes detected by 24-hour Holter ECG in healthy volunteers of wide age range |
| 200213 | P11-6 | Chaired Poster Session | Comparison of a Novel Motor-Driven Endoscopic-guide Laser Balloon Ablation System and Conventional System in Japanese Clinical Practice |
| 200214 | O49-5 | Oral Session | Differences in the duration of Phrenic nerve injury incidence by Cryoballoon over time of experience |
| 200215 | SY8-4 | Symposium : 左心耳をターゲットとした脳梗塞予防の新たな治療戦略 | Initial experience with the Watchman FLX for percutaneous left atrial appendage closure; what is the difference from the prior generation-2.5? |
| 200216 | O41-1 | Oral Session | Effect of left bundle branch area pacing on the right ventricular function, pacing parameters and left ventricular function in the remote phase |
| 200217 | O38-5 | Oral Session | Predictive Factor of Pacemaker Implantation and Incidence of ICD Therapy in Patients with Transthyretin Amyloid Cardiomyopathy |
| 200218 | O64-3 | Oral Session | Investigation of predicting non-PV foci in patients with paroxysmal atrial fibrillation |
| 200219 | O55-2 | Oral Session | Impact of Cryoballoon Ablation on Atrial Tachycardia Recurrence after Atrial Fibrillation Ablation |
| 200220 | O12-4 | Oral Session | New Normal Definition of Left-Ventricular Bipolar-Voltage Recorded by QDOT Micro catheter |
| 200221 | O62-3 | Oral Session | Clinical Characteristics and Outcome after Catheter Ablation in Patients with Atrial Fibrillation from the View of Left Atrial Remodeling Patterns |
| 200222 | DS3-5 | Device Summit : 20 years from MADIT-II | Negative Prognostic Implications of Non-sustained Ventricular Tachycardias in Patients after Prophylactic Defibrillator Implantation |
| 200223 | O59-3 | Oral Session | Poor contrast enhancement in the left atrial appendage predicts recurrence of persistent atrial fibrillation |
| 200224 | O6-2 | Oral Session | Efficacy of catheter ablation for paroxysmal atrial fibrillation in the patients with heart failure preserved ejection fraction |
| 200225 | O9-3 | Oral Session | Novel "Red-Bull" Sign during Cavotricuspid Isthmus Ablation: Implication for an Ablation Catheter Stuck in the Subeustachian Pouch |
| 200226 | O34-4 | Oral Session | Comparison of the technique for hemostasis after Atrial Fibrillation ablation |
| 200227 | O16-2 | Oral Session | Effect of CRT-induced QRS complex shortening on survival in patients with left bundle branch block and non-left bundle branch block |
| 200228 | O42-3 | Oral Session | Multidisciplinary intervention for CRT patients on CRT clinic is associated with improved clinical outcomes of CRT. |
| 200230 | O40-1 | Oral Session | A Comparison of Left Ventricular Synchronization between His Bundle and Right Ventricular Outflow Tract Pacing(1 year follow up) |
| 200231 | O24-5 | Oral Session | Patients undergoing pacemaker implantation during childhood and adolescence |
| 200232 | O33-1 | Oral Session | Effect of long-term sGLT2 on transmural dispersion of repolarization and NAFLD in diabetics with coronary artery disease |
| 200233 | O59-5 | Oral Session | The new morphological classification of left atrial appendage -Rock, paper and scissors- |
| 200234 | O16-4 | Oral Session | Implant success rate and long-term clinical outcome of permanent His-bundle pacing for patients with complete atrioventricular block |
| 200235 | O18-5 | Oral Session | Important warning on delayed vasovagal response with reflex syncope in Covid-19 vaccination |

| Entry No. | Abstract No. | Type of Session | Abstract title registered |
|-----------|--------------|--|--|
| 200236 | P5-1 | Chaired Poster Session | Efficacy and feasibility of the novel automated anti-tachycardia pacing (ATP) for Ventricular Arrhythmias |
| 200237 | O19-1 | Oral Session | Impact of Cardioembolic Stroke Events in Patients with New-onset Atrial Fibrillation Detected by Cardiac Implantable Electronic Devices |
| 200239 | P11-2 | Chaired Poster Session | Relationship between achieving posterior wall isolation with only creating initial linear lesion and recurrence of atrial tachyarrhythmia in patients with persistent atrial fibrillation |
| 200240 | O38-2 | Oral Session | Incidence and predictors of heart failure hospitalization in patients with pacemaker over octogenarian |
| 200241 | O51-4 | Oral Session | Usefulness of the Ring Catheter in the Mapping of Idiopathic Premature Ventricular Contraction from Outflow Tract |
| 200242 | O18-2 | Oral Session | Prospective analysis of HeartLogic multisensor algorithm for heart failure management: A single center study |
| 200243 | O61-4 | Oral Session | Sleep apnea and left atrial dilatation in patients with atrial fibrillation prior to catheter ablation |
| 200244 | O50-1 | Oral Session | A Novel AFHE/e'L score is Associated Adverse Events After Catheter Ablation for Persistent Atrial Fibrillation |
| 200245 | O6-5 | Oral Session | Effect of Hypertrophic Cardiomyopathy on Predicting both Thromboembolism and Heart Failure in Patients with Nonvalvular Atrial Fibrillation:The Analysis from the Hokuriku-Plus AF Registry |
| 200246 | O29-2 | Oral Session | Pulmonary vein recurrence rate and gap site in ablation index guided pulmonary vein isolation. |
| 200247 | O45-3 | Oral Session | Comparison of successful ablation site for macroreentrant atrial tachycardia using epicardial connection: Pseudo focal atrial tachycardia |
| 200248 | O6-4 | Oral Session | Mechanical and Electrophysiological Atrial Function After the Mitral Annular Blockline Utilizing Anterior Line Versus Lateral Isthmus Line |
| 200249 | O31-3 | Oral Session | Safety and efficacy of catheter ablation for the patients with paroxysmal atrial fibrillation in over 80 years |
| 200250 | O45-4 | Oral Session | The Characteristics of Atrial Tachyarrhythmias after Open Heart Surgery |
| 200251 | O21-5 | Oral Session | Clinical Outcome of Patients with Dissociated fibrillation after Atrial Fibrillation Catheter Ablation |
| 200252 | A55-4 | Ablation Summit : 心房細動アブレーション リアルワールドデータの最新線 | Current status of atrial fibrillation ablation: complications and patient prognosis |
| 200253 | SY8-1 | Symposium : 左心耳をターゲットとした脳梗塞予防の新たな治療戦略 | What Causes Left Atrial Appendage Thrombus ? From a Histological Perspective |
| 200254 | O45-1 | Oral Session | Predictors of Peri-Mitral Atrial Flutter in Patients Undergoing Atrial Fibrillation Ablation |
| 200256 | O21-4 | Oral Session | Feasibility and Limitation of Novel Temperature-Controlled Pulmonary Vein Isolation with QDOT Micro Catheter and QMODE Module under Ablation Index Guidance |
| 200257 | O60-2 | Oral Session | Cardiac Neuromodulation in Patients with Left Atrial Fibrosis Undergoing Pulmonary Vein Isolation for Paroxysmal Atrial Fibrillation |
| 200258 | P7-4 | Chaired Poster Session | Anatomical distance between epicardium and endocardium of the left atrium |
| 200260 | P10-6 | Chaired Poster Session | Characteristics of Patients with Gastroparesis after Pulmonary Vein Isolation |
| 200261 | YIA4 | Young Investigator Award Competition | ECG Characteristics in Patients Who Had Ventricular Arrhythmias Originating from Left Coronary Cusp with R-wave in Lead I |
| 200263 | O50-3 | Oral Session | JapanSCORE Predicts Postoperative Atrial Fibrillation in Patients Undergoing Cardiovascular Surgery |
| 200265 | O3-5 | Oral Session | Association between high-sensitivity cardiac troponin T, left atrial volume, and atherosclerosis in patients with atrial fibrillation |
| 200266 | O49-1 | Oral Session | Influence of atrial fibrillation ablation on gastric emptying |
| 200267 | P10-4 | Chaired Poster Session | The Rotor Behavior in Persistent Atrial Fibrillation |
| 200268 | O40-3 | Oral Session | Comparison of new-onset atrial fibrillation between his bundle pacing and right ventricular septum pacing in patients with atrioventricular conduction disturbance dependent on right ventricular pacing |
| 200269 | P11-5 | Chaired Poster Session | Investigation of the Origin of Atrial Late Potentials Using Invasive Atrial Mapping System |
| 200270 | AS1-2 | Ablation Summit : Mechanism and Therapy of Ventricular Tachycardia Derived from New Mapping System | The ventricular tachycardia substrate - What substrate is the key? |
| 200271 | O22-4 | Oral Session | Delineation of conduction gaps of linear lesions in the left atrium during radiofrequency catheter ablation of atrial fibrillation using ultra-high-density mapping |
| 200272 | P4-4 | Chaired Poster Session | Usefulness of thoracoscopy assisted lead extraction for prevention of fatal complication |
| 200273 | D53-2 | Device Summit : 20 years from MADIT-II | Current clinical practice of subcutaneous implantable cardioverter-defibrillator: Analysis using the JROAD-DPC database |
| 200274 | P4-3 | Chaired Poster Session | Risk factor of unexpected non-septal implantation of leadless pacemaker |
| 200275 | O20-5 | Oral Session | Efficacy of Escape Mapping to Locate Conduction Gaps in Catheter Ablation for Atrial Fibrillation |
| 200276 | P13-4 | Chaired Poster Session | Efficacy of Catheter Ablation for Atrial Tachycardia Emerging During Ablation for Atrial Fibrillation |
| 200277 | O37-1 | Oral Session | Evaluation of left atrial appendage thrombus and esophageal deviation by computed tomography in the prone position |
| 200278 | P9-3 | Chaired Poster Session | The Characteristics of Dabigatran Switch in Clinical Practice |
| 200279 | O18-3 | Oral Session | Clinical predictors of pacing device implantation in patients who received an implantable cardiac monitor for unexplained syncope: Analysis using the JROAD-DPC database |
| 200280 | O42-1 | Oral Session | The comparison of long-term outcomes between non-ischemic patients with upgraded cardiac resynchronization therapy-defibrillators (CRT-D) and with de novo CRT-D |
| 200282 | O12-3 | Oral Session | Evaluation of mapping and mechanical support in catheter ablation for ventricular tachycardia |
| 200283 | O4-5 | Oral Session | Arrhythmic risk is NOT homogeneous in C-terminal KCNQ1 variants of Long QT syndrome |
| 200284 | O17-2 | Oral Session | How to Manage Subclinical Atrial Fibrillation Detected by Remote Monitoring System: Our Efforts to Address SCAF |
| 200285 | O25-3 | Oral Session | Involvement of potential microRNAs in signaling pathway networks in murine angiotensin II-mediated atrial fibrillation model |

| Entry No. | Abstract No. | Type of Session | Abstract title registered |
|-----------|--------------|---|--|
| 200286 | O10-1 | Oral Session | Increasing Lesion Dimensions of Bipolar Ablation by Modulating the Surface Area of the Return Electrode |
| 200287 | O7-3 | Oral Session | Does the catheter ablation timing affect clinical outcomes in AF patients with prior history of heart failure? |
| 200288 | O11-1 | Oral Session | Safety of Catheter Ablation using Half-Normal Saline Irrigant for Ventricular Arrhythmias |
| 200289 | O22-3 | Oral Session | Characteristics of spatial distribution of rotors in non-paroxysmal atrial fibrillation patients refractory to pulmonary vein isolation: EXTRA Mapping project |
| 200290 | O13-4 | Oral Session | Multiple elevation of HeartLogic predict prognosis |
| 200291 | P5-4 | Chaired Poster Session | S-ICD implantation after transvenous lead extraction |
| 200292 | O61-1 | Oral Session | Clinical relevance of the Left Atrial Remodeling to the Non-pulmonary Vein Triggers in Atrial Fibrillation |
| 200293 | O62-5 | Oral Session | Pre-operative Cardio-Ankle Vascular Index Is a Predictor of Left Atrial Reverse Remodeling After Catheter Ablation for Atrial fibrillation |
| 200294 | O4-2 | Oral Session | Early repolarization in patients with paroxysmal atrial fibrillation is associated with nocturnal symptoms and vagal tone |
| 200295 | O42-5 | Oral Session | Long-term prognosis of super-responder to cardiac resynchronization therapy in Japan |
| 200296 | O34-5 | Oral Session | Incidence and Management of Vascular Access Complication Associated with Catheter Ablation Procedure |
| 200297 | O53-2 | Oral Session | Comparison of phrenic nerve injury with cryoballoon and hot-balloon ablation systems and its effect on the extra-pulmonary vein structures |
| 200298 | O14-2 | Oral Session | Comparison of mid-term clinical outcomes between subcutaneous implantable cardioverter-defibrillator with Smart Pass technology and transvenous implantable cardioverter-defibrillator therapy |
| 200299 | O46-1 | Oral Session | Echocardiographic and Electrophysiologic Characteristics of Atrial Tachycardia in Repaired TOF Patients |
| 200300 | O52-5 | Oral Session | Different time course of autonomic nervous modulation after Cryoballoon and Hotballoon ablation for paroxysmal atrial fibrillation |
| 200301 | O61-2 | Oral Session | Development of a Histological Score for Atrial Substrate in Patients with Atrial Fibrillation |
| 200302 | P2-1 | Chaired Poster Session | Glucose fluctuation induces the pro-inflammatory secretome profile of human epicardial adipocyte |
| 200303 | O32-4 | Oral Session | Usefulness and potential role of wearable cardioverter defibrillator in patients with ischemic heart disease |
| 200304 | O7-1 | Oral Session | Catheter Ablation of Persistent Atrial Fibrillation with Heart failure Improves Hemodynamic Status without Deteriorating Renal Function Regardless of Age. |
| 200305 | P5-3 | Chaired Poster Session | Analysis of current clinical practice for subcutaneous implantable cardioverter-defibrillator (ICD) after transvenous ICD extraction or lead abandonment: A case series |
| 200306 | O53-1 | Oral Session | Comparison between cryoballoon double stop and single stop in patient with paroxysmal atrial fibrillation. Is thawing process after single stop necessary for cryoballoon application? |
| 200307 | O40-2 | Oral Session | Depolarization and Repolarization Dynamics after His-bundle Pacing: Comparison with Different Pacing Modes |
| 200308 | O57-1 | Oral Session | Incidence, Prognosis and Electrophysiological Characteristics of Late Recurrence after Initial Catheter Ablation for Atrial Fibrillation |
| 200309 | O48-3 | Oral Session | Atrial Natriuretic Peptide Precursor as a Prognostic Marker in Patients With Cardiac Resynchronization Therapy |
| 200310 | O52-3 | Oral Session | Comparison of procedural parameters in pulmonary vein isolation between a novel cryoballoon system and a conventional cryoballoon system in Japanese patients. |
| 200311 | O3-3 | Oral Session | Low troponin I level predicts the presence of arrhythmia-induced cardiomyopathy in patients with atrial fibrillation and left ventricular systolic dysfunction |
| 200312 | O59-1 | Oral Session | Factors other than intracardiac thrombi causing contrast defects in left atrial appendage on contrast computed tomography |
| 200313 | O47-1 | Oral Session | Efficacy and safety of catheter ablation for atrial fibrillation without using contrast media |
| 200314 | O56-2 | Oral Session | Initial experience of a novel cryoballoon system for left atrial roof line ablation. |
| 200315 | O3-1 | Oral Session | Association between fibrillation cycle length on the surface electrocardiogram and clinical outcomes in patients with atrial fibrillation: The Fushimi AF Registry |
| 200316 | O23-5 | Oral Session | The relationship of unexpected intraprocedural atrial fibrillation and clinical outcomes of cryoballoon ablation for paroxysmal atrial fibrillation |
| 200317 | P12-1 | Chaired Poster Session | Long-term effect on heart rate variability after catheter ablation for atrial fibrillation: comparison of radiofrequency and cryoballoon ablation |
| 200318 | O54-1 | Oral Session | Difference of Radiofrequency Ablation Profile between Sinus Rhythm and Atrial fibrillation: In the Era of High-Power Short-Duration Strategy. |
| 200319 | O1-3 | Oral Session | Direct Slow Pathway Capture Mapping Guided Approach for Slow-fast Atrioventricular Nodal Reentrant Tachycardia: A Multicenter Study |
| 200320 | O54-3 | Oral Session | The clinical impact of 6 mm-tag guided high-power and short-duration ablation for pulmonary vein isolation |
| 200321 | O33-5 | Oral Session | P-wave terminal force 3-month after catheter ablation predicts the recurrence in patients with persistent atrial fibrillation. |
| 200322 | P6-3 | Chaired Poster Session | Safety and Efficacy of catheter ablation for atrial fibrillation in elderly patients |
| 200323 | O62-6 | Oral Session | Clinical Factors Associated with Histological Fibrosis in Patients with Non-valvular Atrial Fibrillation |
| 200324 | SY9-3 | Symposium : TIPS of Catheter ablation for radiation reduction | Feasibility of the pre-procedural magnetic resonance imaging for reducing the fluoroscopic time |
| 200325 | O33-4 | Oral Session | Heart rate variability as a good predictor of generalized anxiety burden |
| 200326 | O35-1 | Oral Session | Appropriate Duration of the "Second Shot" in Hot-Balloon Ablation |
| 200327 | P12-4 | Chaired Poster Session | Efficacy and Complications of Vascular Closure Device in Cases who Underwent Pulmonary Vein Isolation |
| 200328 | O5-2 | Oral Session | Feasibility and safety of uninterrupted periprocedural warfarin administration in patients with hemodialysis undergoing catheter ablation for atrial fibrillation |
| 200329 | O53-4 | Oral Session | Comparison of Morphological Characteristics of Pulmonary Veins Requiring Touch-up Ablation in addition to Cryoballoon Ablation for Atrial Fibrillation |

| Entry No. | Abstract No. | Type of Session | Abstract title registered |
|-----------|--------------|---|--|
| 200330 | O63-5 | Oral Session | The outcome of Non-pulmonary Vein Triggers Ablation with the EnSite-FAAM (Fractionated Signal Area of Atrial Muscle with EnSite) Guided Ablation |
| 200331 | O8-4 | Oral Session | Atrial Fibrillation Ablation in Heart Failure Patients |
| 200332 | O31-4 | Oral Session | Atrial Fibrillation Ablation in Elder Heart Failure Patients |
| 200333 | O38-4 | Oral Session | Characteristics of patients with hypertrophic obstructive cardiomyopathy who require pacemaker implantation after percutaneous transluminal septal myocardial ablation |
| 200334 | O52-2 | Oral Session | Significant Reduction of Radiation Exposure using Radiofrequency Ablation with Three-Dimensional Electroanatomic Mapping Compared to Cryoballoon Ablation in Pulmonary Vein Isolation |
| 200335 | SY2-5 | Symposium : 先天性心疾患に伴う難治性不整脈：新技術の応用 | Consideration of early effective device therapy for Systemic RV |
| 200337 | O55-5 | Oral Session | Which Should Hemodialysis patients with Atrial Fibrillation Select, Radiofrequency or Cryoballoon Ablation? |
| 200338 | O12-1 | Oral Session | Pulsed-Field Ablation in Ventricular Myocardium Using a Focal Catheter: The Impact of Application Repetition on Lesion Dimensions |
| 200339 | O2-2 | Oral Session | Acute recurrence of cryoablation for atrioventricular nodal reentrant tachycardia: single-center experience study |
| 200340 | P3-4 | Chaired Poster Session | Influence of implantable cardioverter-defibrillator shock therapy |
| 200341 | SY9-5 | Symposium : TIPS of Catheter ablation for radiation reduction | Face-to-face lecture effectively reduces radiation exposure during atrial fibrillation ablation in inexperienced electrophysiology fellows |
| 200342 | O46-3 | Oral Session | Utility and limitation of a novel mapping algorithm utilizing vectors and global pattern of propagation in atrial tachycardia |
| 200343 | O26-3 | Oral Session | Mitochondria Dysfunction in Atrial Fibrillation Patients |
| 200344 | O32-5 | Oral Session | Prognosis in hypertrophic cardiomyopathy patients with and without non-sustained VT |
| 200345 | O6-3 | Oral Session | Association of Extracellular Volume, Native T1 Mapping and Improvement of Left Ventricular Systolic Function after Catheter Ablation of Atrial Fibrillation in Patients with Non-ischemic Cardiomyopathy |
| 200346 | O20-2 | Oral Session | Catheter Ablation for the Overlapping Area of High Degree of Fragmented Potentials and High Dominant Frequency Value for Persistent Atrial Fibrillation |
| 200347 | O36-3 | Oral Session | Feasibility and safety of extended posterior wall isolation technique for laser balloon ablation |
| 200348 | O54-2 | Oral Session | Prediction of Lesion characteristic and Potential Complication on High-Power Short Duration in Radiofrequency Catheter Ablation using Computer Simulation model |
| 200350 | O58-2 | Oral Session | Efficacy of catheter ablation in patients with long-standing persistent atrial fibrillation; mid-term outcome analysis per atrial fibrillation duration |
| 200351 | P6-1 | Chaired Poster Session | Efficacy of Extensive Pulmonary Vein Isolation Using Cryoballoon |
| 200352 | O7-4 | Oral Session | Difference between Paroxysmal and Persistent Atrial Fibrillation Ablation in Heart Failure Patients |
| 200353 | O21-1 | Oral Session | Fractionated Signal Areas in the Atrial Muscle (FAAM) ablation after pulmonary vein isolation was effective for refractory atrial fibrillation. |
| 200354 | O52-1 | Oral Session | Efficacy and Safety of Pressure-guided Cryoballoon Pulmonary Vein Isolation with No Contrast for Patients with Paroxysmal Atrial Fibrillation |
| 200355 | O22-2 | Oral Session | Atrial Activation Deceleration: A New Insight for Substrate Detection |
| 200356 | O48-2 | Oral Session | Prognostic Value of the cGMP/ BNP Ratio for the Risk of Heart Failure Hospitalization in Cardiac Resynchronization Therapy Patients |
| 200357 | O60-1 | Oral Session | Demonstration of beneficial effects of atrial fibrillation catheter ablation by measuring serum cystatin C levels |
| 200358 | O51-5 | Oral Session | Searching for an algorithm to diagnose the origin of premature ventricular contractions with the precordial transition in lead V3 using machine learning |
| 200359 | O39-3 | Oral Session | Progress report after implantation of the leadless pacemaker with VDD mode at Showa University Hospital. |
| 200360 | O15-5 | Oral Session | Catheter ablation combined with transcatheter edge-to-edge repair (MitraClip) for atrial fibrillation with severe mitral regurgitation |
| 200361 | O13-1 | Oral Session | Therapy sustainability of Japanese patients in HINODE Study |
| 200362 | O1-4 | Oral Session | Ultra-high Resolution Mapping Guided Slow Pathway Ablation: New Treatment Strategy for Slow-fast Atrioventricular Nodal Reentrant Tachycardia |
| 200364 | O30-2 | Oral Session | Predictors of the left atrial low voltage areas in persistent atrial fibrillation |
| 200365 | O40-4 | Oral Session | Experience of Left bundle branch area pacing using 2 types of the pacemaker, Medtronic.Inc and BIOTRONIK.Inc |
| 200366 | O39-5 | Oral Session | Initial results of atrioventricular synchronous pacing using Micra AV leadless pacemaker |
| 200367 | O16-3 | Oral Session | A proposed criteria for left bundle branch capture utilizing R-wave peak time of intrinsic QRS and left ventricular activation time during His bundle pacing |
| 200368 | O49-3 | Oral Session | The Shortest Distance between Esophagus and Posterior Left Atrium on Computed Tomography (SD-CT) and Esophageal Temperature can Predict Esophageal Injury after Ablation for Atrial Fibrillation |
| 200369 | P5-2 | Chaired Poster Session | Five-year follow-up of ventricular pacing after transcatheter aortic valve replacement |
| 200370 | SY8-5 | Symposium : 左心耳をターゲットとした脳梗塞予防の新たな治療戦略 | First real world evidence in Japan to prevent stroke by targeting the left atrial appendage |
| 200371 | O13-2 | Oral Session | Right Ventricular Systolic Function as a Predictor of Appropriate ICD Therapy |
| 200372 | O63-3 | Oral Session | Non-pulmonary vein atrial fibrillation triggers after the box isolation and superior vena cava isolation |
| 200373 | O8-2 | Oral Session | Clinical efficacy of catheter ablation for atrial fibrillation in patients with heart failure |
| 200374 | O45-5 | Oral Session | How to treat Marshall re-entry atrial tachycardia |
| 200375 | O65-1 | Oral Session | Effect of Anesthesia Method on the Indwelling Time of Catheter in the Left Atrium during Catheter Ablation to Atrial Fibrillation |
| 200376 | P11-3 | Chaired Poster Session | Improvement of Cardiac Function after Catheter Ablation for Frequent Idiopathic Ventricular Premature Contraction of Outflow Tract Origin |

| Entry No. | Abstract No. | Type of Session | Abstract title registered |
|-----------|--------------|--|---|
| 200377 | P7-6 | Chaired Poster Session | Relation of HIV infection with atrial tachyarrhythmia recurrence in patients received with AF ablation |
| 200378 | AS1-5 | Ablation Summit : Mechanism and Therapy of Ventricular Tachycardia Derived from New Mapping System | "Pseudo-Figure-of-Eight" Ventricular Tachycardia Circuit with Single Loop Mechanisms: Asymmetric entrainment response from double loops |
| 200379 | O24-3 | Oral Session | Conduction properties and other characteristics of adenosine sensitive accessory pathway in children |
| 200380 | O28-3 | Oral Session | Hypermethylation of Hif3a and Ifitd1 Is Associated With Atrial Remodeling in Pressure-overload Murine Model |
| 200381 | O18-1 | Oral Session | Characteristics of biometric factors related to acute decompensated heart failure with cardiovascular implantable electronic devices |
| 200382 | O65-4 | Oral Session | Significance of nasal trouble and paranasal images in patients with atrial fibrillation |
| 200383 | P13-5 | Chaired Poster Session | The long-term follow up of BOX isolation for atrial fibrillation with and without heart failure. |
| 200384 | O23-4 | Oral Session | Relationship Between the shape of Left Atrial Roof and Recurrence after Radiofrequency Catheter Ablation of Atrial Fibrillation |
| 200385 | O30-4 | Oral Session | Fractionated signal areas in atrial muscle (FAAM) ablation improves recurrence rate of refractory atrial fibrillation : 1-year follow up |
| 200386 | O29-4 | Oral Session | Patient-Tailored Strategy Guided by Real-time Phase Mapping in Catheter Ablation for Patients with Non-paroxysmal Atrial Fibrillation |
| 200387 | O43-5 | Oral Session | Failed Cardioversion during immediate post-operative period is a Predictor of Late Recurrence after Atrial Fibrillation Ablation. |
| 200388 | O61-3 | Oral Session | Gender difference in atrial voltage and structural remodeling: Evidence from high-density voltage mapping and atrial biopsy |
| 200389 | O29-5 | Oral Session | Focal and rotational drivers identified by a novel automated algorithm in patients with persistent atrial fibrillation |
| 200390 | O36-2 | Oral Session | Clinical feasibility of high power short duration strategy at the sites adjacent to esophagus during Laser balloon based pulmonary vein isolation |
| 200391 | O42-2 | Oral Session | Postoperative course of cardiac resynchronization therapy in our hospital conducted in the indication as the Block HF trial |
| 200392 | O35-5 | Oral Session | Comparison of Clinical Outcome among Various Balloon Systems for Paroxysmal Atrial Fibrillation: Cryo vs. Hot vs. Laser. |
| 200393 | O34-2 | Oral Session | Risk Factors of Re-bleeding after Hemostasis Using Venous Vascular Closure System in Cases of Catheter Ablation for Atrial Fibrillation |
| 200394 | O20-4 | Oral Session | The Assessment of Dominant Frequency during Atrial Fibrillation: Comparison to Complex Fractionated Atrial Electrograms and Local Atrial Activated Signals |
| 200395 | O35-4 | Oral Session | The Efficacy and Safety of Third-Generation Laser Balloon based Pulmonary Vein Isolation for the Patients with Paroxysmal Atrial Fibrillation |
| 200396 | O11-3 | Oral Session | Left ventricular endocardial ablation for ventricular arrhythmias originated from the left ventricular summit : Is it enough or not? |
| 200397 | P12-5 | Chaired Poster Session | The Association between Brockenbrough Site and Requirement of Touch-up Ablation Following Pulmonary Vein Isolation Using Balloon Devices |
| 200398 | O17-4 | Oral Session | Consideration of the usefulness of 7-day Holter monitoring after ablation of atrial fibrillation |
| 200399 | O14-3 | Oral Session | Initial clinical experience with a new automated anti-tachycardia pacing algorithm |
| 200400 | DS5-5 | Device Summit : Remote monitoring in the future | Artificial intelligence to detect noise events in arrhythmic events of remote monitoring data |
| 200402 | O51-3 | Oral Session | Effect of catheter ablation of premature ventricular contractions on renal function |
| 200403 | O65-3 | Oral Session | Usefulness of general anesthesia with i-gel for catheter ablation of atrial fibrillation compared to moderate/deep sedation |
| 200404 | P8-4 | Chaired Poster Session | Lower Body Surface Area Predict the Extent of Left Atrial Low Voltage Zone and Arrhythmia Recurrence in Patients with Persistent Atrial Fibrillation |
| 200405 | O46-4 | Oral Session | Not Only Conduction Gaps at Incisional Lines but Also de novo Atrial Substrates Are Associated with Post-surgical Atrial Tachycardia |
| 200406 | BS3-2 | Basic Researc Summit : 不整脈疾患における遺伝子異常と機能解析・疾患モデル | Applications of human iPSC cell model for inherited arrhythmias |
| 200407 | O55-3 | Oral Session | Short-term Results of Cryoballoon ablation for Persistent Atrial Fibrillation in Japanese. |
| 200408 | O15-2 | Oral Session | Clinical experience of lead extraction procedure using an audiovisualtelesupport system. |
| 200409 | P4-1 | Chaired Poster Session | Tricuspid valve chordae tendineae rupture by leadless pacemaker system implantation |
| 200410 | O38-3 | Oral Session | Hemodynamic Study of VVI Pacemaker in Atrial Fibrillation Patients |
| 200411 | AS1-6 | Ablation Summit : Mechanism and Therapy of Ventricular Tachycardia Derived from New Mapping System | Wave velocity mapping as a potential innovative tool for identification of ventricular tachycardia ablation targets |
| 200412 | O16-1 | Oral Session | Does shortening QRS width always correlate with hemodynamic improvement in CRT? |
| 200413 | P8-3 | Chaired Poster Session | Efficacy of combined antiarrhythmic drug therapy after catheter ablation for atrial fibrillation in patients with hypertrophic cardiomyopathy |
| 200414 | P8-5 | Chaired Poster Session | Feasibility of lower value Ablation Index-guided Pulmonary Vein Isolation in patients with Atrial Fibrillation |
| 200415 | SY9-2 | Symposium : TIPS of Catheter ablation for radiation reduction | Zero fluoroscopic catheter ablation without a lead apron. |
| 200416 | O40-5 | Oral Session | Assessment of efficacy of left bundle branch area pacing compared with right ventricular apical and septal pacing using with two-dimensional speckle tracking |
| 200417 | P9-6 | Chaired Poster Session | Outcomes of Catheter Ablation in Octogenarian Patients with Atrial fibrillation. |
| 200418 | P9-5 | Chaired Poster Session | Additional Cryoablation on the Residual Pulmonary Vein Connections Detected by High-Resolution Mapping |
| 200419 | P12-3 | Chaired Poster Session | Radiofrequency energy to create transmural lesions for AF ablation may depend on AF severity. |
| 200420 | P3-5 | Chaired Poster Session | Curious VA prolongation after Ventricular Overdrive Pacing during fast-slow Atrioventricular Nodal Reentrant Tachycardia |
| 200421 | O2-5 | Oral Session | Safety and Efficiency of the Potential-Guided Cryoablation for Slow-Fast Atrioventricular Nodal Reentrant Tachycardia |

| Entry No. | Abstract No. | Type of Session | Abstract title registered |
|-----------|--------------|--|--|
| 200422 | P7-3 | Chaired Poster Session | The Procedural Characteristics of Left Atrial Posterior Wall Isolation by Using Ablation Index for Patients with Persistent Atrial Fibrillation |
| 200423 | O5-1 | Oral Session | Difference among oral anticoagulants for left atrial thrombus in patients before catheter ablation for atrial fibrillation |
| 200424 | O58-5 | Oral Session | Exploratory Identification of Recurrence Risk after Cryoablation for Atrial Fibrillation Using Machine Learning Methods. |
| 200425 | O51-2 | Oral Session | Relationship between characteristics of 12-lead electrocardiogram in para-hisian Premature ventricular contractions (PVC) and the results of ablation |
| 200426 | SY10-3 | Symposium : 新しい心不全治療薬の抗不整脈作用について | SGLT2 inhibitor suppresses the mitochondrial reactive oxygen species generation and mitigates atrial fibrillation inducibility in diabetic rats |
| 200427 | O62-2 | Oral Session | The effect of catheter ablation for atrial fibrillation with functional mitral regurgitation. |
| 200428 | O23-3 | Oral Session | High Threshold of Internal Defibrillation Prior to Atrial Fibrillation Ablation Predicts Recurrence in the Long-Term Follow-Up. |
| 200429 | P3-2 | Chaired Poster Session | Left Bundle Branch Block and Early Implantation Is Associated with Responders of Cardiac Resynchronization Therapy |
| 200430 | O27-4 | Oral Session | The Establishment of 3D printer model to assess contact force of cryoballoon ablation |
| 200431 | O24-4 | Oral Session | Indication of catheter ablation for focal ventricular arrhythmia associated tetralogy of Fallot |
| 200432 | O38-1 | Oral Session | Incidence and predictors for heart failure hospitalization in patients with leadless pacemaker -From the analysis of Micra CT registry- |
| 200433 | O39-4 | Oral Session | Differences in Paced QRS Duration between Septal and Non-Septal Implantation of Micra Leadless Pacemaker |
| 200434 | O29-3 | Oral Session | A novel method for identifying left atrial breakthrough site of Bachmann's bundle |
| 200435 | P6-5 | Chaired Poster Session | Higher Mean Heart Rate is Associated with Left Ventricular Reverse Remodeling after Catheter Ablation in Patients with Persistent Atrial Fibrillation |
| 200436 | O23-2 | Oral Session | Evaluation of recurrence after catheter ablation in patients with non-paroxysmal atrial fibrillation |
| 200437 | Y1A2 | Young Investigator Award Competition | Novel CPVT-associated calmodulin mutation activating RyR2 channels causes robust arrhythmogenicity in iPSC cell model |
| 200438 | O28-2 | Oral Session | Epicardial adipose tissue remodeling evoked by extracellular vesicles released from atrial myocytes |
| 200439 | O34-3 | Oral Session | Usefulness of Perclose Proglide for Hemostasis after Catheter Ablation |
| 200440 | O10-5 | Oral Session | Optimization of ablation strategy using cardiac simulator and reinforcement learning: in silico verification of principles and construction of ablation system for in vitro experiment |
| 200441 | O31-1 | Oral Session | Clinical outcome of catheter ablation in very elderly with persistent atrial fibrillation. |
| 200442 | O37-3 | Oral Session | Relationship between CHADS2 Score and Histological Fibrosis Based on Atrial Biopsy in Patients with Non-valvular Atrial Fibrillation |
| 200443 | O53-3 | Oral Session | Safety of Cryoballoon ablation on the Left Atrial Roof for Non-paroxysmal Atrial Fibrillation in Elderly Patients |
| 200444 | O26-4 | Oral Session | Intravenous vagal stimulation catheter, JOHAKU, rapidly induces bradycardia without worsening hemodynamics |
| 200445 | O4-4 | Oral Session | A novel pathogenic variant of SCN5A verified by functional analysis in sick sinus syndrome. |
| 200446 | O14-4 | Oral Session | The Characteristics of Electrocardiography in Patients with Noise Events Recorded by Wearable Cardioverter-defibrillator |
| 200447 | O28-4 | Oral Session | Electrogram-based feedback stimulator and simultaneous panoramic optical measurement system for validation of adaptive defibrillation strategies |
| 200448 | O47-4 | Oral Session | The Impact of Pulmonary Vein Potential Monitoring for the Acute Efficiency of CLOSE-guided Pulmonary Vein Isolation |
| 200449 | O55-1 | Oral Session | Efficacy of circumferential pulmonary vein isolation using cryoballoon ablation for paroxysmal atrial fibrillation in patients with hypertrophic cardiomyopathy: compared with radiofrequency ablation |
| 200450 | O26-2 | Oral Session | Utility of in vivo zebrafish cardiac assay to predict the functional impact of KCNQ1 variants |
| 200452 | O44-4 | Oral Session | The Clinical Characteristics and Outcome after Catheter Ablation in Young Adults with Persistent Atrial Fibrillation |
| 200453 | O48-5 | Oral Session | Impact of First Degree AV-Block on Outcome of Patients with Reduced Ejection Fraction Receiving Implantable Cardioverter Defibrillator |
| 200454 | O41-3 | Oral Session | Feasibility and outcomes of conduction system pacing for cardiac resynchronization therapy candidates |
| 200455 | O37-2 | Oral Session | Comprehensive Left Atrial Status Evaluation in Atrial Fibrillation; CAFS score |
| 200456 | P3-3 | Chaired Poster Session | The predictors of high synchronized left ventricular only pacing rate after adaptive cardiac resynchronization therapy implantation |
| 200457 | O43-2 | Oral Session | Predictor of Outcome after Catheter Ablation for Atrial Fibrillation: Group Analysis Categorized by Age and Type of Atrial Fibrillation |
| 200458 | O65-2 | Oral Session | General anesthesia improves contact force variability and reduces gap formation in pulmonary vein isolation |
| 200459 | O21-3 | Oral Session | Identification of anisotropic conduction within the pulmonary veins by a differential pacing method after bidirectional pulmonary vein isolation |
| 200460 | SY6-4 | Symposium : Challenges and Pitfalls of His-Purkinje Conduction System Pacing | Which is the Optimal Pacing Site in Patients with Advanced Atrioventricular Block, Para-Hisian or Infra-Hisian? |
| 200461 | O30-1 | Oral Session | the relationship between 3D speckle-tracking echocardiography and high-density voltage mapping in AF patients |
| 200462 | O36-1 | Oral Session | Comparison of Procedural Findings between 1st and 3rd Generation Laser Balloon Ablation for Pulmonary Vein Isolation in Patients with Atrial Fibrillation |
| 200463 | O32-2 | Oral Session | The evaluation of the effects of using amiodarone for the patients with refractory ventricular fibrillation during extracorporeal cardio-pulmonary resuscitation and target temperature management. |
| 200464 | O15-1 | Oral Session | Pacemaker implantation during COVID-19 period and risk factor for atrioventricular block |
| 200465 | BS2-5 | Basic Researc Summit : J Wave Syndrome Summit 2022 in Japan | Risk stratification of Brugada syndrome using machine learning |
| 200466 | P10-2 | Chaired Poster Session | Impact of Clinical Outcome of CARTOFINDER Guided Pulmonary Vein Isolation for Non-Paroxysmal Atrial Fibrillation |

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List of Oral / Poster session

| Entry No. | Abstract No. | Type of Session | Abstract title registered |
|-----------|--------------|-----------------|---|
| 200467 | O12-6 | Oral Session | Left ventricular extracellular volume assessed using CMR T1 mapping associated with ventricular arrhythmia in patients with non-ischemic cardiomyopathy |
| 200468 | O59-2 | Oral Session | Contrast Filling Defects of the Left Atrial Appendage by Coronary Computed Tomography Angiography and Recurrence Rate after Catheter Ablation for Atrial Fibrillation |