

3月19日(土) 午後

Congress Chairperson's Lecture 会長講演

第1会場 (仙台国際センター会議棟 1/2階 大ホール) 15:10-15:55

わが国の循環器病学の過去・現在・未来—東日本大震災を経験して—

座長:

永井 良三 (自治医科大学)

The Past, Present and Future of Cardiovascular Medicine in Japan—Lessons from the Great East Japan Earthquake—

下川 宏明 (東北大学 循環器内科学)

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Special Lecture 11 特別講演 11

Room 3 (Sendai International Center Conference Building, 2F, Hagi Conference Hall) 14 : 40 – 15 : 25

Chairperson :

Katsuo Kanmatsuse (Tokyo Heart Center, Tokyo)

Heart Failure Epidemic in Asia

Byung-Hee Oh (Seoul National University College of Medicine, Korea)

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Special Lecture 12 特別講演 12

Room 3 (Sendai International Center Conference Building, 2F, Hagi Conference Hall) 15 : 25—16 : 10

Chairperson :

Satoshi Ogawa (International University of Health and Welfare, Mita Hospital, Tokyo)

Biology of Cardiovascular Aging

Peter Ganz (University of California, San Francisco, USA)

Special Lecture 13 特別講演 13

Room 3 (Sendai International Center Conference Building, 2F, Hagi Conference Hall) 17 : 20 – 18 : 05

Chairperson :

Chuichi Kawai (Ijinkai Takeda General Hospital, Kyoto)

Frontiers in Cardiology: Successes, Failures and Perspectives

Thomas F. Lüscher (University Heart Center, University Hospital Zurich, Switzerland)

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Special Lecture 14 特別講演 14

Room 3 (Sendai International Center Conference Building, 2F, Hagi Conference Hall) 18 : 05—18 : 50

Chairperson :

Chuwa Tei (Wacon Therapy Research Institute, Tokyo/Dokkyo Medical University, Tochigi)

Heart Failure with Preserved Ejection Fraction — A Misunderstood Disease in Search of a Therapy

Scott Solomon (Brigham and Women's Hospital/Harvard Medical School, USA)

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プレナリーセッション7(O) 【80回記念企画】

第13会場(仙台国際センター展示棟 1階 展示室3) 17:20-18:50

循環器病学の近未来を語ろう

座長:

伊藤 浩(岡山大学 循環器内科)

横山 斉(福島県立医科大学 心臓血管外科学)

- 1. Application of High Performance Computing Technology to the Area of Cardiovascular Research**
後藤 信哉(東海大学 内科学系循環器内科学)
- 2. Non-invasive Angiogenic Therapies with Acoustic Waves for Cardiovascular Diseases—Promising Approaches for the Future—**
伊藤 健太(東北大学 循環器内科学)
- 3. Towards a Personalized Heart Failure Medicine**
佐野 元昭(慶應義塾大学 循環器内科)
- 4. “Rejuvenation” and Regeneration of Cardiovascular System with Novel Stem Cell Technologies**
山下 潤(京都大学・iPS細胞研究所 増殖分化機構研究部門・幹細胞分化制御学)
- 5. New Surgical Concept in Heart Failure: A Role of Regenerative Therapy for Breakthrough of Conventional Surgery**
宮川 繁(大阪大学 心臓血管外科)

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Symposium 16 (O)

Room 6 (Sendai International Center Conference Building, 3F, Shirakashi Conference Room 1) 14 : 40 – 16 : 10

Development of Novel Drugs from Patient-Derived iPSC Cells

Chairpersons :

Issei Komuro (Department of Cardiovascular Medicine, Graduate School of Medicine, The University of Tokyo, Tokyo)

Timothy J. Kamp (University of Wisconsin–Madison, USA)

Keynote Lecture :

iPSC–Cardiomyocyte Model Links Glycosylation Deficit to Pompe Disease Cardiomyopathy

Timothy J. Kamp (University of Wisconsin–Madison, USA)

1. Role of Epigenetics in Myocardial Disease

Gianluigi Condorelli (Humanitas University, Humanitas Research Hospital, Italy)

2. Using Human iPSC Cell-derived Cardiomyocytes for Drug Discovery

Atsuhiko Naito (Department of Cardiovascular Medicine, The University of Tokyo Hospital, Tokyo)

3. Arrhythmogenic Disease Modeling by iPSC Cells

Shinsuke Yuasa (Department of Cardiology, Keio University School of Medicine, Tokyo)

4. Modeling Aortic Aneurysm in Marfan Syndrome with Induced Pluripotent Stem Cell-derived Smooth Muscle Cells

Yukihiro Saito (Department of Cardiovascular Medicine, Okayama University, Okayama)

シンポジウム 17 (O)

第6会場 (仙台国際センター会議棟 3階 白樺1) 17:20-18:50

心肺蘇生ガイドライン 2015 を活かす

座長:

木村 一雄 (横浜市立大学市民総合医療センター 心臓血管センター)

野々木 宏 (静岡県立総合病院)

1. Overview in 2015 BLS Guidelines

坂本 哲也 (帝京大学 救急医学)

2. Overview of ALS in JRC 2015 Guideline

船崎 俊一 (埼玉県済生会川口総合病院 循環器内科)

3. Initial Management of Acute Coronary Syndromes

田原 良雄 (国立循環器病研究センター 心臓血管内科)

4. Overview of Education, Implementation, and Team in Resuscitation Guideline 2015

石見 拓 (京都大学 健康科学センター)

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シンポジウム 18 (A)

第 18 会場 (東北大学百周年記念会館 2 階 川内萩ホール) 17:20-18:50

抗血栓療法新時代

座長:

宮崎 俊一 (近畿大学 循環器内科)

奥村 謙 (弘前大学 循環呼吸腎臓内科学)

- 1. Comparison of Efficacy and Safety of the Non-vitamin K Antagonist Oral Anticoagulants (NOACs) in Japan**
井上 雅博 (大田記念病院 循環器内科)
- 2. Possible Mechanisms for Favorable Effects of Rivaroxaban on Bleeding Events Compared with Warfarin: Insight from Measurements of Prothrombin Fragment F1+2**
富田 泰史 (弘前大学 循環器腎臓内科学講座)
- 3. Predictors of Symptomatic and Silent Thromboembolic Events and Hemorrhagic Complications Associated with Atrial Fibrillation Ablation among Five Oral Anticoagulants**
中村 紘規 (群馬県立心臓血管センター 循環器内科)
- 4. A New Paradigm Shift in Antithrombotic Therapy for Venous Thromboembolism**
山本 剛 (日本医科大学 心臓血管集中治療科)
- 5. Reappraisal of Antithrombotic-regimen in Patients after Drug-eluting Stent Implantation: Insights from a Comparison between the Trial Results Evaluating DAPT Duration**
豊田 俊彬 (京都大学 循環器内科)
- 6. Scoring System to Predict Major Bleeding Complications in Atrial Fibrillation Patients with Oral Anticoagulant after Drug-eluting Stent Implantation**
小林 範弘 (済生会横浜市東部病院)
- 7. What is the Optimal Antithrombotic Therapy in the Era of Second-Generation Drug Eluting Stent?~Based on the Angioscopic Findings and Platelet Function Testing~**
上野 雅史 (近畿大学 循環器内科学)
- 8. Comparison of Different Antithrombotic Regimens after Transcatheter Aortic Valve Implantation**
市堀 泰裕 (大阪大学 循環器内科学)

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Special Session 8 会長特別企画 8 (O)

Room 5 (Sendai International Center Conference Building, 2F, Sakura Hall 2) 14 : 40 – 16 : 10

30th Anniversary of NO Research: What Have We Learned and Where to Go

Chairpersons :

Ken-ichi Hirata (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)
Zvonimir S. Katusic (Mayo Clinic, USA)

- 1. Thirty Years of NO Research: From Good to Bad...**
Paul M. Vanhoutte (University of Hong Kong, Hong Kong)
- 2. Nitric Oxide and Reactive Oxygen Species: The Good, the Bad, and the Beautiful**
Richard A. Cohen (Boston University School of Medicine, USA)
- 3. Diverse Roles of NO Synthases — Lessons from Genetically Modified Mice —**
Masato Tsutsui (Department of Pharmacology, Ryukyu University Graduate School of Medicine, Naha)
- 4. Clinical Implications of Aging and Longevity Genes**
Thomas F. Luscher (University Heart Center, University Hospital Zurich, Switzerland)
- 5. Sex-steroid Hormones and Modulation of Endothelium-derived Nitric Oxide**
Virginia M. Miller (Mayo Clinic, USA)

Special Session 9 会長特別企画 9 (CAD)

第 18 会場 (東北大学百周年記念会館 2 階 川内萩ホール) 14:40-16:10

循環器疾患に対する低侵襲性治療の開発

座長:

鄭 忠和 (和温療法研究所/獨協医科大学)

伊藤 健太 (東北大学 循環器先端医療開発学)

1. Waon Therapy for Refractory Heart Failure

鄭 忠和 (和温療法研究所/獨協医科大学)

2. Cardiac Shock Wave Therapy

松原 隆夫 (石川県立中央病院 循環器内科)

3. A New Angiogenic Therapy Using Low-intensity Pulsed Ultrasound for Angina Pectoris

伊藤 健太 (東北大学 循環器先端医療開発学)

4. Development and Clinical Application of Non-invasive Treatment for Circulatory Failure. Less Painful External Counterpulsation Circulatory Support System 'Compact CP'

許 俊鋭 (東京都健康長寿医療センター 心臓外科)

5. Feasibility of Inhaled Hydrogen Gas in the Treatment of Post-cardiac Arrest Syndrome

佐野 元昭 (慶應義塾大学 循環器内科)

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Special Session 10 会長特別企画 10 (O)

第19会場(東北大学百周年記念会館 2階 会議室) 14:40-16:10

日米の医学教育を考える

座長:

本間 俊一 (Columbia University, USA)

福井 次矢 (聖路加国際病院)

- 1. Medical Simulation as a Tool for Learning Cardiac Auscultation for Undergraduate Medical Students**
加賀谷 豊 (東北大学 医学教育推進センター)
- 2. Current Status and Issues of Clinical Clerkship in Undergraduate Medical Education in Japan: Analysis of Students' Satisfaction**
赤池 雅史 (徳島大学 医療教育学)
- 3. Integrated Cross-specialty Medical Education Beginning with First-year Case-based Medical Interview OSCE: A Trial for Post-clinical Clerkship OSCE**
長谷川 仁志 (秋田大学 医学教育学講座)
- 4. Medical Education and Credentialing in the US**
本間 俊一 (Columbia University, USA)

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Special Session 11 会長特別企画 11 (O)

第1会場 (仙台国際センター会議棟 1/2階 大ホール) 17:20-18:50

**日本が誇る循環器研究 I
「久山町研究」「冠動脈攣縮」「Na 利尿ペプチド」**

座長:

荒川 規矩男 (福岡大学 名誉教授)

1. Hisayama Study—a Long-term Epidemiological and Clinico-pathological Study on Cardiovascular Disease in a Japanese General Adult Population

尾前 照雄 (久山町ヘルスC&Cセンター)

2. Coronary Spasm: Past, Present and Future

泰江 弘文 (熊本加齢医学研究所、熊本機能病院 循環器内科)

3. Natriuretic Peptides

寒川 賢治 (国立循環器病研究センター研究所)

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Special Session 12 会長特別企画 12 (O)

Room 12 (Sendai International Center Exhibition Building, 1F, Exhibition Hall 1) 17 : 20—18 : 50

Importance of Coronary Microvascular Dysfunction in Cardiovascular Medicine

Chairpersons :

C. Noel Bairey Merz (Cedars-Sinai Heart Institute, USA)

Paolo G. Camici (San Raffaele University Hospital, Italy)

1. Microvascular Angina—An Overview

Juan Carlos Kaski (University of London, UK)

2. Pathophysiology of Coronary Microvascular Dysfunction

Filippo Crea (Catholic University of the Sacred Heart, Italy)

3. Sex as a Biological Variable in Assessing Coronary Vascular Disease

Virginia M. Miller (Mayo Clinic, USA)

4. Coronary Microvascular Dysfunction in the PCI Era

Udo Sechtem (Robert-Bosch-Krankenhaus, Germany)

5. Therapy of Coronary Microvascular Disease

Amir Lerman (Mayo Clinic, USA)

6. Coronary Vasomotion Disorders International Study Group (COVADIS)

John F. Beltrame (University of Adelaide, Australia)

ESC–JCS Joint Symposium (CAD)

Room 2 (Sendai International Center Conference Building, 2F, Tachibana Conference Hall) 14 : 40–16 : 10

Coronary Microvascular Dysfunction Revisited

Chairpersons :

Satoshi Yasuda (National Cerebral and Cardiovascular Center, Suita)

Filippo Crea (Catholic University of the Sacred Heart, Italy)

Keynote Lecture :

Type 1 Coronary Microvascular Dysfunction

Filippo Crea (Catholic University of the Sacred Heart, Italy)

1. Inflammation in Pathogenesis of Microvascular Angina

Juan Carlos Kaski (University of London, UK)

2. Role of Microvascular Ischemia in the Transition from LV Hypertrophy to Dysfunction

Paolo G. Camici (San Raffaele University Hospital, Italy)

3. Evaluation of Coronary Microvascular Abnormality in Japanese Patients with Nonobstructive Coronary Artery Disease

Koichi Kaikita (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)

4. Plasma Serotonin Level is a Novel Biomarker for Presence of Coronary Microvascular Dysfunction in Patients with Unobstructive Coronary Artery Disease

Jun Takahashi (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

ラウンドテーブルディスカッション 9 (HF)

第4会場 (仙台国際センター会議棟 2階 桜1) 17:20-18:50

重症心不全に対する診療の進歩

座長:

絹川 弘一郎 (富山大学 第二内科)

坂田 泰史 (大阪大学 循環器内科学)

- 1. How to Select Optimal Therapeutic Tools before Cardiac Replacement Therapy?**
今村 輝彦 (東京大学 重症心不全治療開発講座)
- 2. Management of Refractory Ventricular Arrhythmias Due to Severe Heart Failure**
相庭 武司 (国立循環器病研究センター 心臓血管内科)
- 3. Treatment for Functional Mitral Regurgitation**
林田 健太郎 (慶應義塾大学 循環器内科)
- 4. Unloading Therapy with Mechanical Circulatory Support in Patients with Acutely Decompensated Heart Failure and with Refractory Heart Failure**
大谷 朋仁 (大阪大学 循環器内科学)

コントロールバーシー 4 (HF)

第4会場 (仙台国際センター会議棟 2階 桜1) 14:40-16:10

HFpEF 診療において心筋保護薬は有効か？

座長：

山本 一博 (鳥取大学 病態情報内科)

大手 信之 (名古屋市立大学 心臓・腎高血圧内科学)

1. Mind the Gap between Bench and Bedside— Is Preclinical HFpEF Fantasy?

坂東 泰子 (名古屋大学 循環器内科学)

2. Are Cardioprotective Drugs Effective for Patients with HFpEF?—Lessons from Observational and Intervention Study—

絹川 真太郎 (北海道大学 循環病態内科学)

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ミート・ザ・エキスパート 3 (O)

第12会場 (仙台国際センター展示棟 1階 展示室1) 14:40-16:10

臨床の達人から学ぶ診察の極意①

座長:

吉川 純一 (西宮渡辺心臓・血管センター)

坂本 二哉 (半蔵門病院 循環器内科)

1. The Value of Auscultation in an Era of Modern Clinical Cardiology

羽田 勝征 (榊原記念クリニック/埼玉医科大学総合医療センター 循環器内科)

2. Importance of Physical Examination in Determining Surgical Indication of Valvular Heart Disease

室生 卓 (倫生会みどり病院 心臓弁膜症センター内科)

3. Bed Side Cardiology for the Better Management of the Patient with Heart Failure

木野 昌也 (北摂総合病院 循環器内科)

ミート・ザ・エキスパート 4 (HT)

第13会場(仙台国際センター展示棟 1階 展示室3) 14:40-16:10

CTEPHの診断とBPA(PTPA)治療

座長:

松原 広己 (岡山医療センター 臨床研究部)

杉村 宏一郎 (東北大学 循環器内科学)

1. Initial Experience with Balloon Pulmonary Angioplasty (BPA) in the United States: A U.S. High-Volume Pulmonary Thromboendarterectomy (PTE) Single-Center Experience

David S. Poch (University of California, San Diego, USA)

2. Diagnosis of Chronic Thromboembolic Pulmonary Hypertension and Indication for Balloon Pulmonary Angioplasty

田邊 信宏 (千葉大学 先端肺高血圧症医療学寄附講座)

3. Efficacy and Safety of Balloon Pulmonary Angioplasty in Patients with Inoperable Chronic Thromboembolic Pulmonary Hypertension

杉村 宏一郎 (東北大学 循環器内科学)

4. Tips in the Procedure of Balloon Pulmonary Angioplasty

松原 広己 (岡山医療センター 循環器内科)

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ミート・ザ・エキスパート 5 (O)

第20会場 (仙台市民会館 1/2階 大ホール) 14:40-16:10

循環器疾患におけるバイオマーカーの活用

座長:

大屋 祐輔 (琉球大学 循環器・腎臓・神経内科学)

中村 元行 (岩手医科大学 心血管・腎・内分泌内科)

1. Cyclophilin A: A Novel Biomarker for Patients with Coronary Artery Disease

佐藤 公雄 (東北大学 循環器内科学)

2. Ischemic Cascade and Multibiomarker Strategy: Cardiovascular Biomarkers for Coronary Artery Disease

清野 精彦 (日本医科大学 千葉北総病院 循環器センター)

3. Appropriate Use of Biomarkers for Heart Failure

竹石 恭知 (福島県立医科大学 循環器・血液内科学講座)

4. The Possibility of Effective Cardiovascular Risk Assessment with Biomarkers

二宮 利治 (九州大学 総合コホートセンター)

ミート・ザ・エキスパート 6 (A)

第 22 会場 (仙台市民会館 B1 階 展示室) 14 : 40 - 16 : 10

ICD shock reduction を考える

座長 :

三橋 武司 (自治医科大学さいたま医療センター 循環器科)

高橋 尚彦 (大分大学 循環器内科・臨床検査診断学講座)

- 1. Electrical Storm in Patients with an Implantable Cardiac Shock Device**
野田 崇 (国立循環器病研究センター 心臓血管内科部門)
- 2. Role of Pharmacotherapy to Reduce ICD Shocks**
志賀 剛 (東京女子医科大学 循環器内科)
- 3. Non-pharmacological Therapy for ICD Shock Reduction**
関口 幸夫 (筑波大学 循環器内科)
- 4. Effective ICD Programming for Preventing Inappropriate Shock**
中井 俊子 (日本大学 内科学系循環器内科学分野先端不整脈治療学部門)
- 5. Importance of Early Detection and Early Intervention for Ventricular Tachyarrhythmia by Remote Monitoring System in the Era of Shock Reduction**
真中 哲之 (浅草ハートクリニック 循環器内科)

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ミート・ザ・エキスパート 7 (A)

第5会場 (仙台国際センター会議棟 2階 桜2) 17:20-18:50

心室性不整脈の非薬物療法

座長:

副島 京子 (杏林大学 循環器内科)

野上 昭彦 (筑波大学 循環器内科)

Keynote Lecture:

Catheter Ablation of Ventricular Arrhythmias in Patients with Structural Heart Diseases

Shih-Ann Chen (Taipei Veterans General Hospital, Taiwan)

1. Identification of Clinical VT Circuit Utilizing Voltage Channel and Pace Mapping with Different Stimulus Strength

上田 明子 (杏林大学 循環器内科)

2. Late Potential Targeted Catheter Ablation of Scar-related Ventricular Tachycardias

中原 志朗 (獨協医科大学 越谷病院 循環器内科)

3. Combined Use of Fast-Fourier Transform Analysis and Voltage Limit Adjustment to Detect True Critical Isthmuses of Ventricular Tachycardia Circuit

黒木 健志 (筑波大学 循環器内科)

4. Bipolar Radiofrequency Catheter Ablation for Refractory Ventricular Arrhythmias with Deep Intramural Origin

五十嵐 都 (土浦協同病院 循環器内科)

5. Epicardial Ablation for the Substrate of Brugada Syndrome

因田 恭也 (名古屋大学 循環器内科学)

Late Breaking Clinical Trials/Cohort Studies IV (HF)

第2会場(仙台国際センター会議棟 2階 橘) 17:20-18:50

心不全

座長:

湊口 信也(岐阜大学 循環器内科)

伊藤 宏(秋田大学 循環器内科学・呼吸器内科学)

1. A Randomized Clinical Trial of the Novel Non-steroidal Mineralocorticoid Receptor Antagonist Finerenone in Japanese Worsening Heart Failure Patients—ARTS-HF Japan

佐藤 直樹(日本医科大学武蔵小杉病院 循環器内科)

コメンテーター:

桑原 宏一郎(京都大学 循環器内科学)

2. Beneficial Effect of Additive Use of Olmesartan to Beta-Blockers in Hypertensive Patients with Heart Failure with Preserved Ejection Fraction

三浦 正暢(東北大学 循環器EBM開発学)

コメンテーター:

土肥 薫(三重大学 循環器・腎臓内科学)

3. A Multicenter Prospective Cohort Study of the Effects of Tolvaptan in Acute Heart Failure Patients with Hyponatremia: MT FUJI Study

佐藤 直樹(日本医科大学武蔵小杉病院 循環器内科・集中治療室)

コメンテーター:

猪又 孝元(北里大学 循環器内科学)

4. Prognostic Impact of Furosemide in Chronic Heart Failure—A Report from the CHART-2 Study—

杉村 宏一郎(東北大学 循環器内科学)

コメンテーター:

佐藤 幸人(兵庫県立尼崎総合医療センター)

5. Pre-clinical Diastolic Dysfunction is Improved by a Treatment with Continuous Positive Airway Pressure in Cardiovascular Patients with Obstructive Sleep Apnea

小島 淳(熊本大学 心不全先端医療寄附講座)

コメンテーター:

安藤 眞一(九州大学 睡眠時無呼吸センター)

6. Home Telemonitoring Study for Japanese Patients with Heart Failure (HOMES-HF)

琴岡 憲彦(佐賀大学 循環器内科・心不全治療学講座)

コメンテーター:

朝倉 正紀(国立循環器病研究センター 臨床研究部)

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Featured Research Session 15 (CAD)

Room 14 (Sendai International Center Exhibition Building, 1F, Meeting Room 1) 14 : 40–16 : 20

Coronary Artery Disease, Prognostic Factors

Chairpersons :

John F. Beltrame (University of Adelaide, Central Adelaide Local Health Network, Australia)

Yoshihiro Morino (Division of Cardiology, Iwate Medical University, Morioka)

Keynote Lecture :

Assessing Determinants of Post-PCI Prognosis

John F. Beltrame (University of Adelaide, Central Adelaide Local Health Network, Australia)

FRS-071 Differential Impact of Residual Lesions on Clinical Outcomes after PCI between ACS and Non-ACS in Left Main Coronary Artery

Tomohisa Tada (Department of Cardiology, Shizuoka General Hospital, Shizuoka)

FRS-072 Long Term Clinical Outcomes of Peri-stent Contrast Staining (PSS): Comparison in Lesions with Focal PSS Versus Segmental PSS

Takahiro Tokuda (Department of Cardiovascular Medicine, Saiseikai Yokohama City Eastern Hospital, Yokohama)

FRS-073 Prognostic Impact of Postprocedural TIMI Flow Grade in STEMI Patients with Cardiogenic Shock Undergoing Primary Percutaneous Coronary Intervention

Tetsuya Matoba (JCS Shock Registry Scientific Committee, Department of Cardiovascular Medicine, Kyushu University, Tokyo)

FRS-074 Vascular Endothelial Growth Factor Levels Associated with the Risk of Major Adverse Cardiac and Cerebrovascular Events after Drug-eluting Stent Implantation

Takashi Unoki (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)

FRS-075 Prognostic Utility of Lipid Parameters or hs-CRP on Long-term Outcomes in Patients Undergoing PCI Treated with/without Statin Therapy

Tomotaka Dohi (Department of Cardiovascular Medicine, Juntendo University School of Medicine, Tokyo)

Featured Research Session 16 (IM)

Room 15 (Sendai International Center Exhibition Building, 1F, Meeting Room 2) 14 : 40—16 : 20

Cardiovascular Disease, Imaging

Chairpersons :

Fausto Pinto (University of Lisbon, Portugal)

Takafumi Hiro (Division of Cardiology, Department of Internal Medicine, Nihon University School of Medicine, Tokyo)

Keynote Lecture :

The Added Value of Echocardiography in Hypertensive Heart Disease

Fausto Pinto (University of Lisbon, Portugal)

FRS-076 OCT Imaging of Healed Coronary Plaques in Histology and in vivo

Aiko Shimokado (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)

FRS-077 Impact of IVUS-Guided PCI for Reducing Adverse Cardiovascular Event: 1-Year Data from Japanese Multicenter Registry

Kenji Sakamoto (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)

FRS-078 Ex Vivo Assessment of Neointimal Characteristics after Drug-eluting Stent Implantation: Optical Coherence Tomography and Histopathology Validation Study

Takahiro Imanaka (Division of Cardiovascular Medicine and Coronary Heart Disease, Hyogo College of Medicine, Nishinomiya)

FRS-079 Association of Aortic Vulnerable Plaque and Risk Factor of Atherosclerosis: Evaluation of Non-Obstructive Angioscopy

Keisuke Kojima (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

FRS-080 Higher Signal Intensity of Coronary Plaque on T1-Weighted Magnetic Resonance Imaging Predicts Vulnerable Morphologies on Optical Coherence Tomography

Kenji Matsumoto (Division of Cardiology, Izumi Municipal Hospital, Izumi)

Featured Research Session 17 (A)

Room 7 (Sendai International Center Conference Building, 3F, Shirakashi Conference Room 2) 17 : 10–18 : 50

Arrhythmia, Clinical/Diagnosis/Treatment 1

Chairpersons :

Shunichi Homma (Columbia University, USA)

Yoshinori Kobayashi (Division of Cardiology, Tokai University Hachioji-hospital, Hachioji, Tokyo)

Keynote Lecture :

Shunichi Homma (Columbia University, USA)

FRS-081 Comparison of Risk Factors for Stroke in Japanese Atrial Fibrillation Patients between Different Age Strata: The Fushimi AF Registry

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

FRS-082 Risk Assessment of Complication from Atrial Fibrillation Ablation Procedure; Insight from Updated J-CARAF

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

FRS-083 Pericardial Effusion during and Immediately after Catheter Ablation of Atrial Fibrillation: J-CARAF Study

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

FRS-084 Prediction of Thromboembolic and Major Bleeding Events in Atrial Fibrillation: One Year Outcomes of the Hokuriku-plus AF Registry

Toyonobu Tsuda (Division of Cardiovascular Medicine, Kanazawa University Graduate School of Medical Science, Kanazawa)

FRS-085 Endothelial Impairment is One of the Important Factors of Susceptibility to Bleeding by Warfarin

Youichi Kobayashi (Division of Cardiology, Department of Medicine, Showa University School of Medicine, Tokyo)

Featured Research Session 18 (HF)

Room 14 (Sendai International Center Exhibition Building, 1F, Meeting Room 1) 17 : 10—18 : 50

Cardiovascular Disease, Surgery

Chairpersons :

Frank W. Sellke (Brown Medical School/Rhode Island Hospital, USA)

Atsushi Amano (Juntendo University Faculty of Medicine, Department of Cardiovascular Surgery, Tokyo)

Keynote Lecture :

Why Have Regenerative Therapies Failed? Novel Approaches to Enhanced Collateral Vessel Formation

Frank W. Sellke (Brown Medical School/Rhode Island Hospital, USA)

FRS-086 Recombinant Human Soluble Thrombomodulin Prevents Acute Lung Injury Induced by Cardiopulmonary Bypass in a Rat Model

Shingo Hirao (Department of Cardiovascular Surgery, Kyoto University Graduate School of Medicine, Kyoto)

FRS-087 Minimally Invasive Direct Coronary Artery Bypass vs. Percutaneous Coronary Intervention with Drug-Eluting Stent for Isolated Left Anterior Descending Artery Lesion

Naoki Uemura (Department of Cardiology, Yamato Seiwa Hospital, Yamato)

FRS-088 Comparison between Partial Band and Complete Ring Annuloplasty Regarding Mitral-Aortic Valve Dynamic Coupling after Mitral Valve Repair: Three-Dimensional Echocardiographic Study

Noriyuki Wakana (Department of Cardiovascular Medicine, Kyoto Prefectural University of Medicine, Kyoto)

FRS-089 Clinical Characteristic of Chronic Thromboembolic Pulmonary Hypertension (CTEPH) in Patient with Requiring Pulmonary Thromboendarterectomy (PTE) Surgery

Masataka Watanabe (Department of Cardiology, Tokyo Medical University, Tokyo)

FRS-090 Cardiac Surgery in South Asia: The Past Present and Future

Nazmul Hosain (Department of Cardiac Surgery, Chittagong Medical College & Hospital, Bangladesh)

Featured Research Session 19 (HF)

Room 15 (Sendai International Center Exhibition Building, 1F, Meeting Room 2) 17 : 10—18 : 50

Heart Failure, Pulmonary Hypertension

Chairpersons :

Nick H. Kim (University of California, San Diego, USA)

Takashi Miyauchi (Cardiology, Department of Internal Medicine, University of Tsukuba, Tsukuba)

Keynote Lecture :

Anticoagulation Therapy for Chronic Thromboembolic Pulmonary Hypertension: UCSD Single Center Experience

Nick H. Kim (University of California, San Diego, USA)

FRS-091 Selenoprotein P Promotes Vascular Smooth Muscle Cell Proliferation and Pulmonary Hypertension —A Possible Novel Therapeutic Target—

Nobuhiro Kikuchi (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

FRS-092 Additive Effects of Balloon Pulmonary Angioplasty and Subsequent Cardiac Rehabilitation on Exercise Intolerance, Heart Failure Symptoms, and Quality of Life

Shigefumi Fukui (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

FRS-093 Involvement of Thrombin Activatable Fibrinolysis Inhibitor in the Pathogenesis of Chronic Thromboembolic Pulmonary Hypertension

Taijyu Satoh (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

FRS-094 The Segmental Assessment of Lung Perfusion Using Dual-Energy CT by Type of Lesion for Patients with Chronic Thromboembolic Pulmonary Hypertension

Shun Ijuin (Department of Cardiology, Kagoshima Medical Center, Kagoshima)

FRS-095 Protective Role of Myelocytic Nitric Oxide Synthases in Hypoxic Pulmonary Hypertension in Mice

Masato Tsutsui (Department of Pharmacology, Graduate School of Medicine, University of the Ryukyus, Okinawa)

Featured Research Session 20 (P)

Room 16 (Sendai International Center Exhibition Building, 1F, Meeting Room 3) 17 : 10—18 : 50

Congenital Heart Disease/Kawasaki's Disease 2

Chairpersons :

Pedro J. del Nido (Boston Children's Hospital/Harvard Medical School, USA)

Shunji Sano (Okayama University Graduate School of Medicine, Department of Cardiovascular Surgery, Okayama)

Keynote Lecture :

Biventricular Repair in Unbalanced Atrioventricular Canal Defects

Pedro J. del Nido (Boston Children's Hospital/Harvard Medical School, USA)

FRS-096 Impacts of Atrialized Right Ventricle and Left Ventricular Shape in Ebstein's Anomaly on Left Ventricular Function Assessed by Cardiovascular MRI

Akio Inage (Division of Pediatric Cardiology, Sakakibara Heart Institute, Tokyo)

FRS-097 Novel Oral Anticoagulants in Adult Patients with Fontan Circulation, Does It Have the Safety and Efficacy?

Naoto Kawamatsu (Department of Cardiology, Cardiovascular Center, St Luke's International Hospital, Tokyo)

FRS-098 Investigation of Hemodynamic Changes during Balloon Occlusion Test for Percutaneous Atrial Septal Defect Closure

Hiroyuki Yamamoto (Department of Cardiology, Kobe University School of Medicine, Kobe)

FRS-099 Apelin might be Effective Agent on Postoperative Care in Congenital Heart Surgery

Yuji Naito (Department of Cardiovascular Surgery, Gunma Children's Medical Center, Shibukawa)

FRS-100 Comparison of Endothelialization between AMPLATZER Septal Occluder and Figulla 2 Device for Atrial Septal Defect Closure in Porcine Model

Hidehiko Hara (Toho University Ohashi Medical Center, Tokyo)

March 19 (Sat) PM

Japan Heart Foundation Satoh Memorial Award Lecture

日本心臓財団佐藤賞記念講演

Room 10 (Sendai International Center Conference Building, 1F, Meeting Room 1) 17 : 20—18 : 10

Chairperson :

Hiroaki Shimokawa (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

Heart Development and Regeneration

Masaki Ieda (Department of Cardiology, Keio University School of Medicine, Tokyo)

March
19
PM

Oral Presentation (English) 31 (CAD)

Room 8 (Sendai International Center Conference Building, 3F, Meeting Room 8) 14 : 40—16 : 10

Coronary Revascularization/PCI, Restenosis/Others 1

Chairpersons :

Hironori Ueda (Department of Cardiovascular Medicine, Hiroshima Prefectural Hospital, Hiroshima City)

Hideki Ishii (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)

OE-181 Clinical Features and Outcomes in the Elderly Following Percutaneous Coronary Intervention between 1985 and 2010

Ryo Naito (Department of Cardiovascular Medicine, Juntendo University School of Medicine, Tokyo)

OE-182 Association between Underlying Plaque Morphology and Peri-stent Restenosis after 2nd Generation Drug-eluting Stent Implantation: An Optical Coherence Tomography Study

Keinosuke Higashi (Department of Cardiology, Ishikawa Prefectural Central Hospital, Ishikawa)

OE-183 Impact of Prolonged Dual Antiplatelet Therapy on Seven-year Outcomes Following Percutaneous Coronary Intervention in Hemodialysis Patients

Tatsuyuki Sato (Division of Cardiology, Mitsui Memorial Hospital, Tokyo)

OE-184 Impact of Abrupt Pressure Drop Pattern on Post-Stent FFR and Long Term Outcome

Hirohiko Andoh (Department of Cardiology, Aichi Medical University, Nagakute)

OE-185 Association between Uric Acid Levels and Cardiovascular Events in Patients with Coronary Artery Disease

Kotaro Miyata (The Department of Cardiovascular Medicine, The Cardiovascular Institute, Tokyo)

OE-186 Short Duration of Dual Antiplatelet Therapy after Bare-metal Stent Implantation in AMI and Non-AMI Patients: From the CREDO-Kyoto Registry Cohort-2

Masahiro Natsuaki (Department of Cardiology, Saiseikai Fukuoka General Hospital, Fukuoka)

Oral Presentation (English) 32 (CAD)

Room 10 (Sendai International Center Conference Building, 1F, Meeting Room 1) 14 : 40 – 16 : 10

Atherosclerosis, Clinical 1

Chairpersons :

Kouji Kajinami (Department of Cardiology, Uchinada)

Kiyoshi Hibi (Yokohama City University Medical Center, Yokohama)

OE-187 Impact of Brachial–Ankle Pulse Wave Velocity on Long–Term Cardiovascular Events; Results from IMPACT–ABI Registry

Yasushi Ueki (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto)

OE-188 Gut Microbiota could be a Predictor of the Risk of Coronary Atherosclerosis

Takuo Emoto (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

OE-189 Attenuated Anti–atherogenic Effects by Intensive Statin Treatment in Diabetic Patients Detected by Non–contrast T1–weighted Magnetic Resonance Imaging

Teruo Noguchi (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

OE-190 Prognostic Impacts of Plasma Levels of Cyclophilin A in Patients with Coronary Artery Disease

Tomohiro Otsuki (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

OE-191 Low Number of Circulating CD34 Positive Cell is Associated with Greater Progression of Coronary Calcium Determined by MDCT

Toru Miyoshi (Department of Cardiovascular Medicine, Okayama University, Okayama)

OE-192 High Levels of Small Dense LDL–Cholesterol can Predict Future Coronary Events in Male Patients with Stable Coronary Artery Disease

Yuya Nakamura (Department of Medicine, Division of Cardiology, Showa University School of Medicine, Tokyo)

Oral Presentation (English) 33 (HF)

Room 17 (Sendai International Center Exhibition Building, 1F, Meeting Room 4) 14 : 40—16 : 10

Cardiomyopathy 2

Chairpersons :

Uichi Ikeda (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto)

Hiroyuki Takano (Chiba University Graduate School of Pharmaceutical Sciences, Chiba)

OE-193 Cardiac Involvement in Eosinophilic Granulomatosis with Polyangitis (EGPA)

Mina Nakayama (Department of Cardiology, National Hospital Organization Sagamihara National Hospital, Sagamihara)

OE-194 Clinical and Genetic Characteristics in the Fetal Patients with Left Ventricular Noncompaction

Keiichi Hirono (Department of Pediatrics, Graduate School of Medicine, University of Toyama, Toyama)

OE-195 Correlation between Myocardial Pathological Remodeling, and Morphological and Functional Remodeling after Ventricular Assist Device Support in Patients with Idiopathic Cardiomyopathy

Kensuke Kuroda (Department of Transplantation, Osaka)

OE-196 Notched QRS as a Marker of Myocardial Fibrosis in Hypertrophic Cardiomyopathy

Tatsuya Kawasaki (Department of Cardiology, Matsushita Memorial Hospital, Osaka)

OE-197 Significance of Leukocyte Counts on Admission in Patients with Takotsubo Cardiomyopathy

Yuichiro Maekawa (Tokyo CCU Network Scientific Committee, Tokyo)

OE-198 Incidence, Clinical Characteristics, and Long-term Outcome of the Dilated Phase of Hypertrophic Cardiomyopathy

Yoshiyasu Aizawa (Department of Cardiology, Keio University School of Medicine, Tokyo)

Oral Presentation (English) 34 (A)

Room 24 (Sendai Civic Auditorium, 2F, Meeting Room 3・6) 14 : 40—16 : 10

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 5

Chairpersons :

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

Shinichi Niwano (Kitasato University School of Medicine, Department of Cardiovascular Medicine, Sagamihara, Kanagawa)

OE-199 Distribution of the Right Atrial Ganglionated Plexus and Origin and Destination of the Sinus Node Artery

Koyo Satoh (Department of Cardiovascular Medicine, Nagoya Heart Center, Nagoya)

OE-200 Is Luminal Esophageal Temperature Monitoring Required to Avoid Esophageal Damage during Pulmonary Vein Isolation Ablation?

Shigetoshi Sakabe (Department of Cardiology, Ise Red Cross Hospital, Mie)

OE-201 Anatomical Investigation of the Sinus Node Artery and the Radiofrequency Application Sites for Catheter Ablation of Atrial Fibrillation

Tomomichi Suzuki (Department of Cardiology, Inazawa Municipal Hospital, Inazawa)

OE-202 Notable Muscular Construction of Atrioventricular Septum—Important Structure Related to Catheter Manipulation—

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

OE-203 Impact of Atrial Fibrillation Catheter Ablation on the Incidence of Stroke or Systemic Embolism: The Fushimi AF Registry

Masahiro Esato (Department of Arrhythmia, Ijinkai Takeda General Hospital, Kyoto)

OE-204 Influence of Left Atrial Contact Area on Fixed Low-voltage Zones during Atrial Fibrillation and Sinus Rhythm in Persistent Atrial Fibrillation

Shiro Nakahara (Department of Cardiology, Dokkyo Medical University Koshigaya Hospital, Koshigaya)

Oral Presentation (English) 35 (A)

Room 25 (Sendai Civic Auditorium, 2F, Meeting Room 4・5) 14 : 40—16 : 10

Arrhythmia, CRT/ICD

Chairpersons :

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

Toshiyuki Ishikawa (Department of Cardio-renal Medicine, Yokohama City University School of Medicine, Yokohama)

OE-205 The Relationship between Ventricular Electrical Delay and Left Ventricular Remodeling in Patients Receiving Cardiac Resynchronization Therapy

Yoshifumi Ikeda (Department of Cardiology, International Medical Center, Saitama Medical University, Hidaka)

OE-206 Baseline Number of Peripheral Blood Monocytes Predicts Responder to Cardiac Resynchronization Therapy in Patients with Advanced Heart Failure

Mami Kobukata (Department of Cardiology and Clinical Examination, Oita University, Faculty of Medicine, Yufu)

OE-207 Impedance Cardiography is a Promising Tool to Optimize Atrioventricular and Interventricular Intervals of Cardiac Resynchronization Therapy Devices

Kojiro Ogawa (Tsukuba Medical Center Hospital, University of Tsukuba, The Cardiovascular Division, Tsukuba)

OE-208 Transseptal Endocardial Left Ventricular Pacing as an Alternative Technique for Failed Conventional Cardiac Resynchronization Therapy

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

OE-209 Global Outcome of Comparison a Quadripolar Left Ventricular (LV) Lead with a Bipolar LV Lead in 200 CRT-D Cases

Masamitsu Nitta (Division of Cardiology, Heart Institute, Chiba Nishi General Hospital, Matsudo)

OE-210 Fixed Pulse Width Tuned Waveforms Reduce Delivered Energy and Voltage Defibrillation Thresholds in Pigs with Heart Failure

Yusuke Kondo (Department of Advanced Cardiovascular Therapeutics, Chiba University Graduate School of Medicine, Chiba)

Oral Presentation (English) 36 (CAD)

Room 8 (Sendai International Center Conference Building, 3F, Meeting Room 8) 17 : 20—18 : 50

Coronary Revascularization/PCI, Restenosis/Others 2

Chairpersons :

Isao Taguchi (Department of Cardiology, Dokkyo Medical University Koshigaya Hospital, Saitama)

Kenji Sakata (Division of Cardiovascular Medicine, Kanazawa University Hospital, Kanazawa)

OE-211 High Contrast Volume Use in Relevance to Creatinine Clearance is Observed More Frequently in Lower BMI Patients

Toshiki Kuno (Department of Cardiology, Ashikaga Red Cross Hospital, Ashikaga)

OE-212 Incidence and Predictors of Radial Artery Stenosis after Percutaneous Coronary Intervention Using Transradial Approach

Takenori Kanazawa (Osaka Red Cross Hospital, Osaka)

OE-213 Association between Serum Levels of Immunoglobulin G4 and the Progression of Coronary Artery Stenosis in Patients with Preserved Systolic Function

Aiko Sakamoto (Department of Cardiovascular Medicine, University of Tokyo Graduate School of Medicine, Tokyo)

OE-214 Tissue Protrusion Detected by Intravascular Ultrasound or Optical Coherence Tomography during Coronary Angioscopy is Higher Grade Yellow

Toru Miyoshi (Ehime Prefectural Imabari Hospital, Imabari)

OE-215 Clinical and Angiographic Profiles of Patients without Left Anterior Descending Coronary Artery Stenosis

Kentaro Jujo (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

OE-216 Comparison of Angiographic Outcomes after Repeat Drug-Eluting Stent Implantation for Drug-Eluting Stent Restenosis Lesions with or without Stent Fracture

Yasunari Sakamoto (Division of Cardiology, Saiseikai Yokohama City Eastern Hospital, Yokohama)

Oral Presentation (English) 37 (IM)

Room 19 (Tohoku University Centennial Hall, 2F, Conference Room 1・2・3) 17:20–18:50

CT/MRI

Chairpersons :

Mariko Ehara (Nagoya Heart Center, Nagoya)

Sei Komatsu (Osaka Gyomeikan Hospital, Cardiovascular Center)

OE-217 Efficacy of Multidetector Computed Tomography to Predict PCI-related Myocardial Necrosis for Chronic Total Occlusion: Multicenter Registry Study

Eisuke Usui (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

OE-218 Intramyocardial Hemorrhage by T2* Imaging is Associated with Severe Myocardial Damage and may Predict Long-term Outcome in Patients with ACS

Hikaru Hatashima (Department of Cardiology, Saiseikai Futsukaichi Hospital, Chikushino)

OE-219 High-risk Coronary Artery Stenosis was Associated with Lower Coronary Flow Reserve Measured by 320-row Multi-detector CT

Masahiko Obara (Department of Cardiovascular Medicine, Hokkaido University Graduate School of Medicine, Sapporo)

OE-220 Glycemic Variability Deteriorates Non-infarct Area in Patients with Anterior ST-segment Elevation Myocardial Infarction ~ CMR Strain Analysis

Yugo Minamimoto (Cardiovascular Center, Yokohama City University Medical Center, Yokohama)

OE-221 T1 Mapping on 3T Magnetic Resonance Detects Myocardial Edema in Patients with Takotsubo Cardiomyopathy

Yukio Aikawa (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

OE-222 Submillisievert Imaging Protocol Using Full Reconstruction and Advanced Patient Motion Correction in 320-row Area Detector CT Angiography

Yuko Kawaguchi (Department of Cardiovascular Medicine, Juntendo University, Tokyo)

Oral Presentation (English) 38 (MD)

Room 23 (Sendai Civic Auditorium, B1F, Sponsor Preparation Room) 17 : 20—18 : 50

Preventive Medicine/Epidemiology/Education 2

Chairpersons :

Sumiyo Akazawa (Department of General Medicine, Kanazawa Medical University, Ishikawa)

Minako Yamaoka-Tojo (Kitasato University School of Allied Health Sciences, Sagamihara)

OE-223 Temporal Changes in Post-Traumatic Stress Disorder after the Great East Japan Earthquake —A Report from the CHART-2 Study—

Takeo Onose (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

OE-224 Serum Thrombospondin-2 Level is Strongly Associated with Insulin Resistance in a General Population

Nagisa Morikawa (Department of Internal Medicine, Division of Cardio-Vascular Medicine, Kurume)

OE-225 Impact of Height on the Incidence of Atrial Fibrillation in a Population-based Cohort Study: The Suita Study

Takashi Kobayashi (Department of Preventive Cardiology, National Cerebral and Cardiovascular Center, Osaka)

OE-226 The Characteristics and Patient Perception of Atrial Fibrillation Detected via Routine Screening Electrocardiograms

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

OE-227 Dietary Soy Intake and Risk of Death from Stroke in 24 Years of Follow-up: NIPPON DATA80

Ho N. Nguyen (Department of Public Health, Shiga University of Medical Science, Shiga)

OE-228 Elevated Uric Acid Level Represents Arteriosclerosis of Retinal Artery in General Population —A Report from the Medical Checkup Program—

Tsuyoshi Takada (Department of Cardiovascular Medicine, International University of Health and Welfare Hospital, Tochigi)

Oral Presentation (English) 39 (A)

Room 25 (Sendai Civic Auditorium, 2F, Meeting Room 4・5) 17:20–18:50

Ventricular Arrhythmia 4

Chairpersons :

Kaoru Tanno (Cardiovascular Disease Center, Showa University Koto Toyosu Hospital, Tokyo)

Yuji Nakazato (Juntendo University Urayasu Hospital, Department of Cardiology, Urayasu City)

OE-229 Effectiveness of Radiofrequency Catheter Ablation on Premature Ventricular Contraction-Triggered Ventricular Fibrillation in Patients with Idiopathic Ventricular Fibrillation

Makoto Nakano (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

OE-230 The Effect of Trigger Elimination in Patients with Inherited Ventricular Fibrillation

Takeshi Machino (Cardiovascular Division, Faculty of Medicine, University of Tsukuba, Tsukuba)

OE-231 Characteristics of Intramural Idiopathic Ventricular Arrhythmias Arising from the Ventricular Outflow Tract Septum

Yoshihiro Yamashina (Department of Cardiology, Sendai City Hospital, Sendai)

OE-232 Clinical Impact of Provocation Method Using Bolus Epinephrine for Radiofrequency Catheter Ablation of Idiopathic Premature Ventricular Contractions

Yasutoshi Shinoda (Department of Cardiology, Tsukuba University Hospital, Tsukuba)

OE-233 Fascicular Ventricular Tachycardia Originating from Papillary Muscles: Purkinje Network Involvement in the Reentrant Circuit

Yuki Komatsu (Cardiovascular Division, Yokohama Rosai Hospital, Yokohama)

OE-234 Catheter Ablation of Idiopathic Ventricular Outflow Tract Arrhythmias with Non-RBBB and Non-LBBB Morphologies: Center Type of the Ventricular Outflow Tract

Yoshiaki Yui (The Cardiovascular Division, Faculty of Medicine, University of Tsukuba, Tsukuba)

一般演題口述 (日本語) 19 (CAD)

第9会場 (仙台国際センター会議棟 3階 小会議室6+小会議室7) 14:40-16:10

Angina Pectoris, Clinical

座長:

橋本 哲男 (武田総合病院 循環器内科)

高橋 佐枝子 (湘南藤沢徳洲会病院 循環器内科)

OJ-109 Feasibility of Intracoronary Contrast Media as Submaximal Hyperemic Agent for Invasive Functional Lesion Assessment

栗田 章由 (愛知医科大学 循環器内科)

OJ-110 Feasibility of a Method of Combined Analysis of Epicardial and Microcirculatory Involvement in Coronary Artery Disease

中村 峻 (横須賀共済病院 循環器病センター)

OJ-111 Can Serial Dual SPECT of $^{201}\text{Tl}/^{123}\text{I}$ -BMIPP Predict Functional Recovery after Coronary Artery Bypass Grafting in Ischemic Heart Disease Patients

佐野 宏和 (群馬大学 循環器内科)

OJ-112 Impact of Serum EPA/AA Ratio and Vulnerability of In-stent Neointimal Hyperplasia: An Optical Coherence Tomography Study

森川 喬生 (心臓病センター榊原病院 循環器内科)

OJ-113 Correlation between the Incidence of Stent Fracture after Drug-eluting Stent Implantation and Strut Thickness

大家 理伸 (倉敷中央病院 循環器内科)

OJ-114 The Clinical Significance of Sharp ST-T Angle in Daily Medical Practice

鈴木 秀鷹 (筑波大学水戸地域医療教育センター 循環器科)

一般演題口述 (日本語) 20 (HT)

第 11 会場 (仙台国際センター会議棟 1 階 小会議室 2) 14 : 40 - 16 : 10

Hypertension

座長 :

桑島 巖 (東京都健康長寿医療センター 循環器内科)

後藤 敏和 (山形県立中央病院 循環器内科)

OJ-115 Relationship between Elevated Serum Uric Acid Levels and Proteinuria in Subjects with Hypertension

長浜 一史 (沖縄リハビリテーションセンター病院)

OJ-116 Increased Cardiac Preload and Elevated Left Ventricular Filling Pressure in Pregnant Women with Hypertensive Disorder

馬詰 武 (北海道大学 産科・生殖医学分野)

OJ-117 Combination of Heart-Type Fatty Acid-Binding Protein and B-type Natriuretic Peptide is Useful for Risk Stratification in Hypertensive Patients

説田 浩一 (がん・感染症センター都立駒込病院 循環器内科・臨床検査科)

OJ-118 The Usefulness of Digital Assessment of Peripheral Vascular Endothelial Function for the Risk Stratification in Patients with Essential Hypertension (HT)

山本 英一郎 (熊本大学 循環器内科学)

OJ-119 Does Central Aortic Pressure Predict the New Onset of Microalbuminuria in the General Population?

高瀬 浩之 (JA静岡厚生連 遠州病院 内科)

OJ-120 Does Carotid Intima-Media Thickness Predict the New Onset of Hypertension in Normotensive Subjects?

田中 隆光 (JA静岡厚生連 遠州病院 内科)

March
19
PM

一般演題口述 (日本語) 21 (MD)

第23会場 (仙台市民会館 B1階 主催者準備室) 14:40-16:10

Metabolic Disorder and SAS

座長:

横山 知行 (群馬大学 保健学研究科)

稲津 明広 (金沢大学 病態検査学)

OJ-121 Phase I Clinical Trial of Transplantation Therapy with Allogeneic Adipose Tissue-derived Multi-lineage Progenitor Cells in Severe Familial Hypercholesterolemia Patients

小関 正博 (大阪大学 保健センター)

OJ-122 Clinical Significance of Whole Blood Fluidity as a Cardiovascular Risk Factor in Patients with Type 2 Diabetes Mellitus

櫃本 孝志 (ひつもと内科循環器科医院)

OJ-123 Prevalence and Clinical Significance of Periodic Leg Movement during Sleep in Patients with Heart Failure

後藤 雅之 (東京医科大学 循環器内科)

OJ-124 Impact of n-3 Polyunsaturated Fatty Acids on Mortality of Patients with Hospitalized Heart Failure Patients

渡邊 俊介 (福島県立医科大学 循環器・血液内科学講座)

OJ-125 Lipoprotein (a) Predicts Long-term Cardiovascular Events in Patients after Percutaneous Coronary Intervention

小西 宏和 (順天堂大学静岡病院)

OJ-126 Impact of Glycemic Control on the Long-term Outcome in Patients after Percutaneous Coronary Intervention

西山 大樹 (順天堂大学 循環器内科)

一般演題口述 (日本語) 22 (CAD)

第9会場 (仙台国際センター会議棟 3階 小会議室6+小会議室7) 17:20-18:50

Atherosclerosis, Clinical

座長:

小菅 雅美 (横浜市立大学 市民総合医療センター心臓血管センター)

渡邊 哲 (山形大学 第一内科)

OJ-127 Impact of Reverse Vessel Remodeling on Regression of Coronary Atherosclerosis in Patients Treated with Aggressive Lipid and Blood Pressure-lowering Therapy

蒲生 忠継 (心臓血管センター金沢循環器病院 循環器内科)

OJ-128 Combination of Intima-media Thickness and Flow-mediated Dilatation in the Brachial Artery Predict Coronary Stenosis and High-risk Plaque

小野 環 (岡山市立市民病院 循環器内科)

OJ-129 Clinical Significance of Advanced Glycation End Products as a Cardiovascular Risk Factor in Japanese Non-diabetic Subjects

櫃本 孝志 (ひつもと内科循環器科医院)

OJ-130 Serotonin in Peripheral Blood Reflects Oxidative Stress and Plays a Crucial Role in Atherosclerosis: Novel Insights toward Holistic Anti-atherothrombotic Strategy

杉浦 知範 (名古屋市立大学 心臓・腎高血圧内科学)

OJ-131 Exercise Therapy is More Effective for Coronary Plaque Stabilization in Diabetes Mellitus Patients

能登 貴久 (射水市民病院 循環器内科)

OJ-132 Effect of Sitagliptin on Plaque Changes in Coronary Artery Following Acute Coronary Syndrome in Diabetic Patients: The ESPECIAL-ACS Study

宮内 克己 (順天堂大学 循環器内科学)

March

19

PM

一般演題口述 (日本語) 23 (HT)

第 11 会場 (仙台国際センター会議棟 1 階 小会議室 2) 17:20-18:50

Hypertension, Basic/Renal Function

座長:

佐々木 順子 (三菱神戸病院 内科)

市来 智子 (メイヨークリニック 循環器科)

OJ-133 Susceptibility to AMI-induced Acute Kidney Injury is Increased by a TLR-mediated Mechanism in the Early Stage of Type 2 Diabetes

大野 紘平 (札幌医科大学 循環器・腎臓・代謝内分泌内科学講座)

OJ-134 Low Hemoglobin is Associated with Increased Fibroblast Growth Factor 23 and Decreased Klotho Independently of Renal Function and Serum Iron

藤田 修一 (大阪医科大学 循環器内科)

OJ-135 Combination of Urinary Liver-Type Fatty-Acid Binding Protein and Albumin Improves Prediction of Acute Kidney Injury in Patients Hospitalized to CCUs

橋本 踏青 (大同病院 循環器内科)

OJ-136 Salt and Future Development of Chronic Kidney Disease

高瀬 浩之 (JA静岡厚生連遠州病院 内科)

OJ-137 Angiotensin II-induced NAD (P) H Oxidase 4 Activation is Involved in Protein Degradation in Skeletal Muscle Cells

門口 智泰 (順天堂大学医学研究科 循環器内科学・スポーツロジセンター)

OJ-138 Evaluation of Abdominal Aortic Calcification is Useful to Predict Long-term Cardiovascular Outcomes in Patients with Chronic Kidney Disease

暁 陽祐 (名古屋大学 循環器内科学)

March
19
PM

一般演題口述 (日本語) 24 (MD)

第 21 会場 (仙台市民会館 B1 階 小ホール) 17:20-18:50

Autonomic and Stress

座長:

中川 幹子 (大分大学 医学教育センター)

下司 映一 (昭和大学 保健医療学研究科 保健医療学部内科学)

OJ-139 Impact of Disaster Related Stress on Serum N-terminal Pro-B Type Natriuretic Peptide Concentration in Tsunami Survivors

古味 良亮 (岩手医科大学 循環器・腎・内分泌内科)

OJ-140 An Exaggerated Vagal Nerve Activity is Involved in the Recurrence of Ventricular Fibrillation Related to J-wave Syndrome

篠原 徹二 (大分大学 循環器内科・臨床検査診断学講座)

OJ-141 Potential of PHQ-2 Screening in Japanese Out-patients with Cardiovascular Disease: A Multicenter Prospective Observational Study

鈴木 豪 (東京女子医科大学)

OJ-142 Occurrence of Agitation during Hospitalization in Patients with Acute Myocardial Infarction

浪打 成人 (仙台市医療センター仙台オープン病院 循環器内科)

OJ-143 Gender Differences in the Prevalence of Depression and the Prognosis in Depressive Patients with One or More Cardiovascular Risk Factors

甲谷 友幸 (自治医科大学 内科学講座循環器内科学)

OJ-144 Increased Renal ¹²³I-metaiodobenzylguanidine Scintigraphy Up-take Accompanied by Muscle Sympathetic Nerve Activity in Heart Failure Patients

岡部 佳孝 (金沢大学 恒常性制御学)

March
19
PM

一般演題口述 (日本語) 25 (A)

第24会場 (仙台市民会館 2階 第3会議室+第6会議室) 17:20-18:50

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 2

座長:

久賀 圭祐 (筑波大学 循環器内科)

大野 聖子 (滋賀医科大学 アジア疫学研究センター)

OJ-145 The Additional Electrophysiologic Effect of Ablation for Non-Pulmonary Vein Triggers

早坂 和人 (横須賀共済病院 循環器病センター内科)

OJ-146 The Characteristics and Mechanisms of Very Late Recurrence after Catheter Ablation of Paroxysmal Atrial Fibrillation

中島 淳 (横須賀共済病院 循環器内科)

OJ-147 Long Term Follow up Outcome of Catheter Ablation for Persistent Atrial Fibrillation in Patients with Left Ventricular Dysfunction

大久保 健史 (横須賀共済病院 循環器センター)

OJ-148 Characteristics of Non-PV Foci from Right Atrium

原 幹 (国立病院機構東広島医療センター 循環器内科)

OJ-149 A Review of Nine Years' Catheter Ablation Approach for Paroxysmal Atrial Fibrillation

大久保 健史 (横須賀共済病院 循環器センター)

OJ-150 A Novel Approach Using Cryoballoon

安藤 萌名美 (名古屋大学 循環器内科学)

March
19
PM

Poster Session (English) 64 (A)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 6

Chairperson :

Shinsuke Miyazaki (Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

PE-410 Predominant Anatomic Distortion by Cryoballoon Catheters: Implications for the Efficacy of Cryoballoon Ablation

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

PE-411 Cryoballoon may Improve the Outcome of Ablation for Atrial Fibrillation in the Patients with Dilated Left Atrium

Monami Ando (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)

PE-412 Early Recurrence of Atrial Fibrillation Has a Worse Outcome in Cryoballoon Catheter Ablation than Radiofrequency Ablation

Tomomi Nagayama (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka)

PE-413 Evaluation of Pulmonary Vein Stenosis after Pulmonary Vein Isolation Using Second-generation Cryoballoon

Junji Matsuda (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

PE-414 Clinical Study for the Effects of Direct Oral Anticoagulants on the Patients with Atrial Fibrillation after Cryoballoon Catheter Ablation

Tomofumi Nakamura (Department of Cardiology, Yokohama City Bay Red Cross Hospital, Yokohama)

PE-415 Assessment of Exit Block Using Intra-PV Pacing during Cryoballoon Ablation in Atrial Fibrillation Patients

Tatsuhiko Hirao (Department of Cardiology, Saitama Red Cross Hospital, Saitama)

Poster Session (English) 65 (A)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 7

Chairperson :

Yasuhiro Yokoyama (Cardiology, St Luke's International Hospital, Tokyo)

- PE-416 Left Ventricular Diastolic Dysfunction Predicts Late Recurrence over One Year after Catheter Ablation Procedure in Patients with Atrial Fibrillation**
Hideki Koike (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)
- PE-417 Predictors of Very Late Recurrence after Ganglionated Plexi Ablation plus Antral Pulmonary Vein Isolation for Persistent Atrial Fibrillation**
Kazuto Kujira (Department of Cardiovascular Medicine, Toyohashi Heart Center, Toyohashi)
- PE-418 Effectiveness of Pulmonary Vein Isolation with Force Time Integral Monitoring to Establish Durable Pulmonary Vein Isolation in Chronic Phase**
Takeshi Kitamura (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)
- PE-419 Long-term Prognostic Implication of One-week Recurrences after Radiofrequency Catheter Ablation for Persistent Atrial Fibrillation**
Keiichi Ashikaga (Cardiovascular Center, Miyazaki Medical Association Hospital, Miyazaki)
- PE-420 Impact of Termination of Persistent Atrial Fibrillation by Pulmonary Vein Isolation and Left Atrial Linear Ablation on Subsequent Clinical Outcome**
Seiichiro Matsuo (Department of Cardiology, Jikei University School of Medicine, Tokyo)
- PE-421 Elevated B-type Natriuretic Peptide Level is a Predictor of Occurrence of Atrial Tachycardias after Catheter Ablation for Persistent Atrial Fibrillation**
Mayumi Masumura (Department of Cardiology, National Disaster Medical Center, Tokyo)

Poster Session (English) 66 (A)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 8

Chairperson :

Ritsushi Kato (Department of Cardiology, Cardiac Electrophysiology, Saitama Medical University, International Medical Center, Hidaka)

PE-422 Total Thrombus-formation Analysis System (T-TAS) as a Potent Predictor for Periprocedural Bleeding Events in Patients Undergoing Ablation for Atrial Fibrillation

Miwa Ito (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)

PE-423 Efficacy and Safety of Heparin Bolus in Patients on Warfarin Versus Non-vitamin-K Oral Anticoagulants during Catheter Ablation for Atrial Fibrillation

Shingo Maeda (Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo)

PE-424 Implementation of Non-vitamin K Antagonist Oral Anticoagulants in Japan and the Patients' Perception Towards Their Side-effects

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

PE-425 Efficacy of Non-vitamin K Antagonist Oral Anticoagulants (NOACs) for Perioperative Complication in Patients with Atrial Fibrillation Undergoing Catheter Ablation

Takahiro Iseda (Department of Cardiology, Kokura Memorial Hospital, Kitakyushu)

PE-426 Non-vitamin K Antagonist Oral Anticoagulants (NOACs) may be Superior to Warfarin as a Prophylaxis for Thrombus before Atrial Fibrillation Ablation

Kazuhito Tsuduki (Ogaki Municipal Hospital, Gifu)

PE-427 Comparison of Anti-Inflammatory Effect between Rivaroxaban and Apixaban in Patients with Atrial Fibrillation

Hiromasu KatoH (Division of Cardiology, Department of Internal Medicine, Yokohama Sakae Kyosai Hospital, Federation of National Public Service Personnel Mutual Associations, Yokohama)

Poster Session (English) 67 (A)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 9

Chairperson :

Masahiro Esato (Department of Arrhythmia, Ijinkai Takeda General Hospital, Kyoto)

PE-428 Reduced Pulmonary Vein Voltages Predict the Presence of Left Atrial Scar in Patients with Atrial Fibrillation

Toshiya Kurotobi (Cardiovascular Center, Shiroyama Hospital, Habikino)

PE-429 Low Potential Risk of Esophageal Temperature Probes to Thermal Injury on the Esophagus during Catheter Ablation for Atrial Fibrillation

Hirosuke Yamaji (Heart Rhythm Center, Okayama Heart Clinic, Okayama)

PE-430 Long Term Outcome of Only Extensive Pulmonary Vein Isolation in Patients with Persistent Atrial Fibrillation

Yasushi Suzuki (Department of Cardiology, Aichi Medical University, Nagakute)

PE-431 Lower Success Rate of Cryoablation for Cavotricuspid Isthmus Block in Comparison with Radiofrequency Ablation

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

PE-432 What Factors Do Affect for the Atrial Fibrillation Recurrence after Multiple Catheter Ablation?

Masahiro Sekigawa (Department of Cardiology, Musashino Redcross Hospital, Tokyo)

PE-433 Cooling Parameters Leading to Adequate Pulmonary Vein Isolation by Ablation with 2nd-Generation Cryo-Balloon

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

Poster Session (English) 68 (A)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Atrial/Supraventricular Arrhythmia, Clinical/Pathophysiology 2

Chairperson :

Shigeru Ikeguchi (Cardiology, Shiga Medical Center for Adult, Moriyama City)

PE-434 Comparison of Frequency of Pulmonary Vein Reconnection in Second Session between Conventional and Adenosine-guided Pulmonary Vein Isolation

Masato Okada (Department of Cardiology, Sakurabashi-Watanabe Hospital, Osaka)

PE-435 Role of Rotor Activation within the Pulmonary Vein for the Maintenance of Atrial Fibrillation: Analysis Using a Non-contact Mapping System

Hiroshige Yamabe (Department of Cardiac Arrhythmias, Kumamoto University, Kumamoto)

PE-436 Does Atrial Fibrillation Termination Targeting a Rotor Improve the Clinical Outcome?

Yoshiyuki Hama (Division of Cardiology, Kimitsu Chuo Hospital, Kisarazu)

PE-437 Provocation of Mechanically Interrupted Conduction by Adenosine Triphosphate during Catheter Ablation of Atrial Fibrillation

Atsushi Kobori (Division of Cardiology, Kobe City Medical Center General Hospital, Kobe)

PE-438 Benefit of Low Voltage Zone (LVZ)-Guided Substrate Modification for Atrial Fibrillation Ablation: A Long-term Analysis

Takanori Yamaguchi (EP Expert Doctors-Team Tsuchiya, Kumamoto)

PE-439 The Correlation between Area of Complex Fractionated Atrial Electrograms and the Atrial Defibrillation Threshold in Patients with Persistent Atrial Fibrillation

Akinori Matsumoto (Department of Internal Medicine, Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)

PE-440 Decremental Conduction Properties between the Coronary Sinus Musculature and Left Pulmonary Veins

Toshiya Kurotobi (Cardiovascular Center, Shiroyama Hospital, Habikino)

Poster Session (English) 69 (CAD)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Coronary Revascularization/PCI, Restenosis/Others 1

Chairperson :

Naoei Isomura (Showa University Northern Yokohama Hospital, Division of Cardiovascular Catheterization Laboratories, Kanagawa, Yokohama)

PE-441 Comparison of the Clinical Outcomes after Revascularization for In-Stent Restenosis between Bare-Metal Stents and Drug-Eluting Stents

Kenichi Yamane (Division of Cardiology, Cardiovascular Center, Akane Foundation Tsuchiya General Hospital, Hiroshima)

PE-442 Impact of Statin Therapy and Influence of One Year Follow-up LDL-C Levels on Long-term Outcomes after DES Implantation

Teruki Takeda (Department of Cardiology, Koto Memorial Hospital, Shiga)

PE-443 The Decrease Effect of MDA-LDL Value in Blood after PCI is Additional in the Cases Performed Staged PCI

Yukari Nakano (Cardiovascular Center, Mitoyo General Hospital, Kanonji)

PE-444 Is Measurement of MDA-LDL Value before or after PCI Useful for Predicting In-Stent Restenosis?

Yukari Nakano (Cardiovascular Center, Mitoyo General Hospital, Kanonji)

PE-445 Clinical Outcome after Very Late Target Lesion Revascularization for Sirolimus-Eluting Stent in Real-World Patients

Yoshinori Yasuoka (Cardiovascular Division, Osaka)

PE-446 The Patterns and Clinical Impacts of Very Late Second Generation Drug-eluting Stent Failure

Takahiro Tokuda (Department of Cardiology, Saiseikai Yokohama City Eastern Hospital, Yokohama)

PE-447 Comparison of Strategies to Treat Restenosis of Second Generation Drug Eluting Stent

Tomohiko Sato (Department of Cardiology, New Tokyo Hospital, Matsudo)

Poster Session (English) 70 (CAD)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Coronary Revascularization/PCI, Restenosis/Others 2

Chairperson :

Kaname Takizawa (Sendai Kousei Hospital, Sendai City)

- PE-448 Prognostic Value of Ankle-Brachial Index in Patients Underwent Percutaneous Coronary Intervention: In-hospital and Midterm Outcomes from Shinano-registry**
Naoto Hashizume (Department of Cardiology, Shinshu University School of Medicine, Nagano)
- PE-449 Clinical Features and Outcomes in Patients with Renal Transplantation Who Underwent Percutaneous Coronary Intervention**
Takehiro Hata (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- PE-450 Serum Vascular Endothelial Growth Factor-C as an Inverse Indicator of In-stent Restenosis and/or Other New Lesion after Drug-eluting Stent Implantation**
Takashi Unoki (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)
- PE-451 Impact of Statin Therapy and Predictors of Late Catch-up Phenomenon between Everolimus-eluting Stent and Silorimus-eluting Stent**
Kohei Asada (Department of Cardiology, Koto Memorial Hospital, Higashi-Oumi)
- PE-452 Impaired Flow-Mediated Dilation Associated with Late In-Stent Restenosis of 2nd Generation Drug Eluting Stent**
Wataru Fujimoto (Department of Cardiology, Himeji Cardiovascular Center, Hyogo)
- PE-453 Impact of Body Mass Index on Postdischarge Outcomes in Patients with ST-segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention**
Kiyoshi Kume (Cardiovascular Division, National Hospital Organization Osaka Minami Medical Center, Osaka)
- PE-454 Long-term Clinical Outcomes Following Percutaneous Intervention of Internal Mammary Artery Graft in Recent Years**
Hiroki Kamiya (Cardiovascular Center, Nagoya Daini Red Cross Hospital, Nagoya)

Poster Session (English) 71 (CAD)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Atherosclerosis, Clinical 2

Chairperson :

Yutaka Ishibashi (Department of General Medicine, Izumo)

- PE-455 Angioscopic Analysis for Neoatherosclerosis after 2nd Generation Drug-eluting Stent Implantation in Stable Angina Pectoris**
Hideo Kawakami (Department of Cardiology, Ehime Prefectural Imabari Hospital, Imabari)
- PE-456 Calcification, Rather than Lipid-Laden Neointima, is a Predominant Components of Neoatherosclerosis in Hemodialysis Patients: From a Consecutive FD-OCT Study**
Hiroko Tsuchiya (Department of Cardiology, Saiseikai Maebashi Hospital, Maebashi)
- PE-457 Relationship between Periprocedural FD-OCT Assessment and Remote Coronary Plaque Progression in PCI Non-culprit Segments**
Yoshitaka Muraoka (Second Department of Internal Medicine, Kitakyusyu)
- PE-458 Association with Vasa Vasorum and Lumen Area of the Coronary Artery Observed in Optical Coherence Tomography at One Year**
Eiji Ojima (Department of Cardiology, Tsukuba University Hospital Mito Clinical Education and Training Center, Mito)
- PE-459 Cardio-ankle Vascular Index can Predict the Coronary Plaque Components Assessed by iMap-intravascular Ultrasound**
Ryohei Akashi (Department of Cardiovascular Medicine, Nagasaki University Hospital, Nagasaki)
- PE-460 Plaque Vulnerability at Culprit Coronary Lesions Assessed by Optical Coherence Tomography Predict Subsequent Progression of Non-culprit Coronary Plaques**
Yudai Tamura (Department of Cardiology, Ishikawa Prefectural Central Hospital, Kanazawa)

Poster Session (English) 72 (CAD)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Atherosclerosis, Basic

Chairperson :

Masato Tsutsui (Department of Pharmacology, Ryukyu University Graduate School of Medicine, Okinawa)

PE-461 High Density Lipoproteins from Coronary Artery Disease Patients Contribute to Inflammatory-prone Lipid Mediator Productions

Shigeyasu Tsuda (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)

PE-462 Transient Receptor Potential Vanilloid Type 1 is Essential for (-)-epigallocatechin-3-gallate-Mediated Activation of Endothelial Nitric Oxide Synthase

Tzong-Shyuan Lee (National Yang-Ming University, Taiwan)

PE-463 Intra-abdominal Transplantation of Thoracic Periaortic Adipose Tissue Inhibits Atherosclerosis Development by Promoting Anti-inflammatory Response in Transplanted Graft

Kensuke Terada (Department of Cardiovascular Medicine, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto)

PE-464 Inhibition of Renin-angiotensin-aldosterone Signal Retards Arterial Senescence and Development of Atherosclerosis via Induction of Alternative Autophagy

Yoshiyuki Ikeda (Cardiovascular Medicine and Hypertension, Graduate School of Medicine, Kagoshima University, Kagoshima)

PE-465 Di-(2-ethylhexyl) Phthalate Accelerates Atherosclerosis in Apolipoprotein E-deficient Mice

Jin-Feng Zhao (National Yang-Ming University, Institution of Physiology, Taiwan)

PE-466 Linagliptin, a Dipeptidyl Peptidase-4 Inhibitor, Ameliorates Endothelial Dysfunction and Atherogenesis in Normoglycemic Apolipoprotein-E Deficient Mice through GLP-1 Dependent Manner

Hotimah M Salim (Department of Cardiovascular Medicine, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima)

Poster Session (English) 73 (CAD)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Coronary Circulation

Chairperson :

Masami Goto (Kawasaki University of Medical Welfare, Department of Medical Engineering, Kurashiki)

PE-467 Estimated Coronary Flow from Angiographic Images is Correlated with Myocardial Fractional Reserve Measured Using Pressure Wire

Hiroyuki Hikita (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

PE-468 The Influence of Coronary Collateral Circulation on Fractional Flow Reserve of Donor Artery in Patients with Chronic Total Occlusion

Akinori Sumiyoshi (Division of Cardiovascular Medicine and Coronary Heart Disease, Hyogo College of Medicine, Nishinomiya)

PE-469 The Validation of the Ischemic Cut off of IFR and IFRa (During Hyperemia), to Predict the Ischemic Threshold of FFR

Tetsuo Hirata (Department of Cardiovascular Medicine, GIFU HEART CENTER, Gifu)

PE-470 Two Year Outcome in Case with Insufficient Recovery of FFR Even after DES Implantation

Yohei Hokama (Department of Cardiology, Tokyo Medical University Hachioji Medical Center, Tokyo)

PE-471 Relationship between Physiological Parameters and Periprocedural Myocardial Necrosis in Patients with Stable Angina Pectoris

Sadamitsu Ichijo (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

PE-472 Hyperemic-iFR Provides the Hemodynamic Outcome for Moderate to Severe Coronary Artery Stenoses

Ryuichi Aikawa (Department of Cardiology, Kuwana South Medical Center, Kuwana)

PE-473 Discrepancy between Instantaneous Wave-free Ratio and Fractional Flow Reserve Guided Percutaneous Coronary Intervention

Koji Isodono (Department of Cardiology, Japanese Red Cross Kyoto Daini Hospital, Kyoto)

Poster Session (English) 74 (HF)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Aortic Valve Treatment

Chairperson :

Yutaka Imoto (Cardiovascular and Gastroenterological Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima)

PE-474 Progression of Tricuspid Regurgitation after Aortic Valve Replacement in Patients with Severe Aortic Stenosis

Satoko Ugawa (Cardiovascular Internal Medicine, Takamatsu Red Cross Hospital, Takamatsu)

PE-475 Parallel Improvement of Diastolic Dysfunction with Left Ventricular Hypertrophy after Surgical or Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis

Teruya Nakamura (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)

PE-476 Utilizations of Antegrade Inoue Balloon Aortic Valvuloplasty in Managing Heart Failure Due to Sclerotic-calcific Aortic Stenosis in Remote Rural Elderlies

Yoshihito Sakata (Division of Cardiology, Ikegami General Hospital, Tokyo)

PE-477 The Impact of Implanted Valve Position on the Incidence of Structural Valve Deterioration

Astushi Omura (Department of Cardiovascular Surgery, Himeji)

PE-478 Regression of Left Ventricular Mass after Transcatheter Aortic Valve Implantation in Patients with Aortic Valve Stenosis

Futoshi Yamanaka (Department of Cardiology and Catheterization Laboratory, Shonankamakura General Hospital, Kamakura)

PE-479 Pre-procedural Aortic Valve Area Measured by Transthoracic Echocardiography can Predict the Restenosis after Antegrade Percutaneous Transluminal Aortic Valvuloplasty (PTAV)

Takashi Nishimura (Department of Medicine and Clinical Science, Ube)

PE-480 Low Invasive Surgical Repair of Annulus Rupture during Transcatheter Aortic Valve Replacement

Kizuku Yamashita (Department of Cardiovascular Surgery, Osaka)

Poster Session (English) 75 (HF)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Peripheral Vascular Disease, Intervention 3

Chairperson :

Teruyasu Sugano (Yokohama City University Hospital, Cardiology, Yokohama City)

- PE-481 Technical Efficacy of Ultrasound-guided Tibial Artery End Vascular Interventions for Chronic Total Occlusion Lesions in Critical Limb Ischemia**
Kenji Makino (Department of Cardiology, Saiseikai Yokohama City Eastern Hospital, Kanagawa)
- PE-482 Early Versus Late Thrombolysis in Acute Arterial Occlusion**
Sang Cheol Cho (Gwangju Veterans Hospital, Korea)
- PE-483 Predictors of Recurrent Restenosis after Endovascular Therapy for Femoropopliteal In-Stent Restenosis**
Koji Yanaka (Kansai Rosai Hospital Cardiovascular Center, Amagasaki)
- PE-484 Clinical Efficacy of Zilver-PTX to Treat Long CTO Lesion ($\geq 100\text{mm}$) of SFA**
Takafumi Koyama (Division of Cardiology, Heart Institute, Chiba Nishi General Hospital, Matsudo)
- PE-485 Comparison of Initial Results between Crosser and 0.035' Knuckled-wire in Endovascular Therapy for Chronic Total Occlusion of Superficial Femoral Artery**
Yutaka Tadano (Department of Cardiology, Sapporo CardioVascular Clinic, Sapporo)
- PE-486 Impact of High Speed Rotational Atherectomy in Peripheral Artery Disease Patients with Calcified Lesions: Retrospective Multicenter Registry**
Yoshiya Yamamoto (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka)
- PE-487 Feasibility and Usefulness of Fractional Flow Reserve Measurement in Chronic Total Occlusion Lesion of Superficial Femoral Artery**
Hiroyuki Hikita (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

Poster Session (English) 76 (HF)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Heart Failure, Other

Chairperson :

Kotaro Nochioka (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

PE-488 Impact of Beta Blocker Dose on Left Ventricular Ejection Fraction Following Primary Percutaneous Coronary Intervention for ST-elevation Myocardial Infarction

Toshiharu Fujii (Department of Cardiovascular Medicine, Tokai University School of Medicine, Kanagawa)

PE-489 Cardio Protection Effect of Qiliqiangxin Capsule on Left Ventricular Remodeling, Dysfunction in Heart Failure Rat through Activating Akt/VEGF Pathway

Tuo Liang (State Key Laboratory of Cardiovascular Disease, Heart Failure Center, Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences & Peking Union Medical College, China)

PE-490 A Novel Flow-Chamber System for Quantitative Assessment of Whole Blood Thrombogenicity in Coronary Artery Disease Patients with Antiplatelet Therapies

Yuichiro Arima (Kumamoto University, Kumamoto)

PE-491 Effect of Calcium Channel Blockers on Long-term Prognosis in Heart Failure Patients with Beta-blockers and Renin-angiotensin System Blockades: Propensity-score Analysis

Toshiaki Isogai (Department of Cardiology, Tokyo Metropolitan Tama Medical Center, Tokyo)

PE-492 Benefits of Cardiac Resynchronization Therapy is Similar in Ischemic and Non-ischemic Patients

Akio Fukui (Department of Cardiovascular Medicine, Yamagata Prefectural Central Hospital, Yamagata)

Poster Session (English) 77 (HF)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Cardiac Arrest/Resuscitation

Chairperson :

Masahiro Suzuki (NHO Saitama National Hospital, Department of Cardiology, Wako)

PE-493 Prognostic Implications of D-dimer for the Patients with Out-of-hospital Cardiopulmonary Arrest

Kentaro Goto (Division of Cardiology, Yokohama City Bay Red Cross Hospital, Yokohama)

PE-494 Sudden Cardiac Arrest in Working Generation: Incidence and Resuscitation by Colleagues— Data from Nationwide Japan Utstein Registry —

Yasushi Oginosawa (The 2nd Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyushu)

PE-495 Clinical Characteristics and Short-Term Outcome of Elderly Patients with Cardiovascular Shock: Results from the Shock Registry of the JCS

Ken Onitsuka (JCS Shock Registry Scientific Committee JCHO Kyushu Hospital, Kitakyushu)

PE-496 Therapeutic Hypothermia in Extracorporeal Cardiopulmonary Resuscitation

Tomoyuki Kawashima (Department of Cardiology, Urasoe General Hospital, Urasoe)

PE-497 Proper Introduction Timing of Percutaneous Cardiopulmonary Support in Cardiovascular Disease with Cardiopulmonary Arrest

Toshiharu Fujii (Department of Cardiovascular Medicine, Tokai University School of Medicine, Kanagawa)

PE-498 Evaluation of Tissue Oxygen and Hemoglobin on a Novel near Infra-red Spectroscopy in Emergency Patients with Poor General Conditions

Takeji Saitoh (Department of Emergency and Disaster Medicine, Hamamatsu)

PE-499 Causes of Out-of-hospital Cardiac Arrest without the Organic Heart Disease

Saki Hosokawa (Department of Cardiology, Ehime Prefectural Central Hospital, Ehime)

Poster Session (English) 78 (HF)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Heart Failure, Basic

Chairperson :

Toshio Nagai (Chiba University, Graduate School of Medicine and School of Medicine, Chiba)

PE-500 Enhanced-autophagy by Exenatide Mitigates Doxorubicin-induced Cardiotoxicity in vitro and in vivo

Weon Kim (Kyung Hee University Hospital, Korea)

PE-501 Focal Adhesion Kinase Mediates Osteopontin-caused Collagen-I Synthesis in Human Cardiac Fibroblast via PI3K/pAkt Signaling Pathway

Hui Zhao (State Key Laboratory of Cardiovascular Disease, Cardiovascular Surgery Department, Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences & Peking Union Medical College, China)

PE-502 Development of an Impedance Modulation System to Mimic Pathological Afterload of Pulmonary Hypertension on the *in vivo* Right Ventricle

Masafumi Fukumitsu (Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center, Osaka)

PE-503 Less Invasive and Guideline-oriented Approach to Automated Closed-loop Control of Hemodynamics in Decompensated Heart Failure

Kazunori Uemura (Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center, Suita)

PE-504 Regional ROS Production by Paradoxical Muscle Stretch during Contraction Causes Arrhythmias in the Myocardium with Nonuniform Contraction

Yuhto Taguchi (Department of Clinical Physiology, Tohoku University Graduate School of Medicine, Sendai)

PE-505 Therapeutic Effects and Mechanisms of Paeonol on Pulmonary Fibrosis Induced by Bleomycin in Mice

Meng-Han Liu (National Yang-Ming University, Taiwan)

Poster Session (English) 79 (HF)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Cardiomyopathy 1

Chairperson :

Hiroaki Kawano (Nagasaki University Graduate School of Biomedical Sciences, Nagasaki)

PE-506 Prognostic Value of Sphericity Index Assessed by Cardiac Magnetic Resonance in Patients with Dilated Cardiomyopathy

Naoaki Kano (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)

PE-507 Prognostic Impact of Native T1 Mapping in Patients with Idiopathic Dilated Cardiomyopathy

Emi Tateishi (Department of Cardiology, Saiseikai Suita Hospital, Suita)

PE-508 Prognostic Role of Atrial Tachyarrhythmias in Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia

Noriko Kikuchi (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

PE-509 Endothelial Dysfunction is Related to Exercise Tolerance and Myocyte Degeneration in Dilated Cardiomyopathy

Hiroaki Kawano (Department of Cardiovascular Medicine, Nagasaki University Graduate School of Biomedical Science, Nagasaki)

PE-510 Prognostic Significance of Worsening Left Ventricular Function after 1year Optimal Pharmacotherapy in Patients with Newly-Diagnosed Dilated Cardiomyopathy

Takeru Nabeta (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Sagami-hara)

PE-511 Dobutamine Stress as a Predictor of Left Venrricular Reverse Remodeling in Dilated Cardiomyopathy

Ryota Morimoto (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)

PE-512 Relation between Left and Right Ventricular Function in Patients with Idiopathic Dilated Cardiomyopathy Assessed by Cardiac Magnetic Resonance Imaging

Asuka Yamamoto (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka)

Poster Session (English) 80 (HT)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Kidney/Renal Circulation/CKD 3

Chairperson :

Keiko Fukino (Teikyo University Chiba Medical Center, Ichihara, Chiba)

- PE-513 Clinical Characteristics of Cardiac Responder after Renal Transplantation**
Takako Iino (Department of Cardiovascular and Respiratory Medicine, Akita University Graduate School of Medicine, Akita)
- PE-514 Relationship between Abdominal Aortic Calcification and Geriatric Nutritional Risk Index in Chronic Kidney Disease Patients**
Kazuhiro Harada (Department of Cardiology, Nagoya University School of Medicine, Nagoya)
- PE-515 Restoration of Renal Artery Flow and Shear Stress are Predictors of Blood Pressure Improvement after Renal Artery Stent Implantation**
Keisuke Kojima (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)
- PE-516 Physiological Evaluation of Renal Congestion to the Worsening Renal Function**
Takefumi Mori (Nephrology, Endocrinology and Vascular Medicine, Graduate School of Medicine, Tohoku University, Sendai)
- PE-517 Long-term Prognosis of PTRAs for Renal Artery Stenosis**
Megumi Kitagawa (Department of Cardiology, University of Occupational and Environmental Health, Kitakyushu)
- PE-518 Iron Supplementation Suppressed Erythropoietin Expression through HIF-Dependent Pathway**
Yasumasa Ikeda (Department of Pharmacology, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima)

Poster Session (English) 81 (IM)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Nuclear Cardiology 1

Chairperson :

Keiichiro Yoshinaga (Molecular Imaging Research Center, National Institute of Radiological Sciences, Chiba)

PE-519 Quantitative Evaluation of Lung Perfusion by SPECT/CT Prior and after Balloon Pulmonary Angioplasty in Patients with Chronic Thromboembolic Pulmonary Hypertension

Kenji Fukushima (Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University, Tokyo)

PE-520 Significance of Early Post-Stress Left Ventricular Dyssynchrony Using Vasodilator-loading Stress Myocardial Perfusion Imaging in Patients with Coronary Artery Disease

Hisamitsu Onitsuka (First Department of Internal Medicine, University of Miyazaki, Miyazaki)

PE-521 Cardiac MIBG Imaging Predicts Cardiac Death in Patients with Chronic Heart Failure, Irrespective of Neutrophil to Lymphocyte Ratio

Tatsuhisa Ozaki (Department of Cardiology, Osaka General Medical Center, Osaka)

PE-522 Left Ventricular Dyssynchrony and Gated-SPECT can Predict Prognosis in CKD Patients with Normal Defect Scores

Hiroaki Mori (Department of Cardiology, Nagoya University School of Medicine, Nagoya)

PE-523 Adjunctive Intermediate Intensity Exercise Compensates Low Sensitivity of Adenosine Stress Myocardial Perfusion Imaging

Tokuo Kasai (Department of Cardiology, Tokyo Medical University Hachioji Medical Center, Tokyo)

PE-524 Prognostic Value of Diastolic Dysfunction and LV Dyssynchrony Assessed by Gated Tetrofosmin SPECT in Patients with CKD and Narrow QRS

Hirofumi Aoki (Department of Cardiology, Kanazawa Medical University, Kanazawa)

PE-525 Prediction of Mode of Death in Patients with Chronic Heart Failure by Cardiac SPECT Imaging with I-123 Metaiodobenzylguanidine

Yoshihiro Sato (Division of Cardiology, Osaka General Medical Center, Osaka)

Poster Session (English) 82 (IM)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Cardiac CT 2

Chairperson :

Sadako Motoyama (Department of Cardiology, Fujita Health University, Toyoake)

PE-526 Lung Iodine Map Reconstructed by Dual-energy Computed Tomography Predicts Hemodynamic Status of Patients with Chronic Thromboembolic Pulmonary Hypertension

Shunpei Mori (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

PE-527 Retrospective Evaluation of CT Angiography Transluminal Attenuation Gradient for the Detection of Compromised Fractional Flow Reserve

Etsuro Kato (Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Tokyo)

PE-528 Precision of Lumen Boundary Extracted from Coronary CT Angiography: Validation with Optical Coherence Tomography and Impact on FFRCT

Kenzo Uzu (Department of Cardiology, Kobe)

PE-529 Semiquantitative Dynamic Myocardial CT Perfusion Imaging for Detection of Myocardial Ischemia as Determined by MR Imaging

Teruyoshi Uetani (Department of Cardiology, Pulmonology, Hypertention & Nephrology, Ehime University Graduate School of Medicine, Ehime)

PE-530 Clinical Study on Evaluating Accuracy and Reproducibility of Flexible Heart Replica of Congenital Heart Disease Based on Multi-slice CT Data

Isao Shiraishi (Department of Pediatric Cardiology, National Cerebral and Cardiovascular Center, Suita)

PE-531 Diagnostic Accuracy of First-pass Myocardial Perfusion Imaging without Stress Determined by CT Compared with Invasive Fractional Flow Reserve

Toru Miyoshi (Department of Cardiovascular Medicine, Okayama University, Okayama)

Poster Session (English) 83 (IM)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Echo/Doppler 5

Chairperson :

Makoto Akaishi (Kitasato University Kitasato Institute Hospital Cardiology, Tokyo)

PE-532 Decreased Late Diastolic Mitral Annulus Velocity Suggests Who should be Performed Diagnostic Skin Biopsy in Patient Suspected Cardiac Amyloidosis

Satoru Yamamura (Department of Cardiovascular Medicine, Kumamoto University, Kumamoto)

PE-533 Left Atrial Strain Analyses with Three-dimensional Speckle Tracking Echocardiography in Patients with Paroxysmal Atrial Fibrillation Undergoing Pulmonary Vein Isolation

Tomoko Manno (Department of Cardiology, Ome Municipal General Hospital, Tokyo)

PE-534 Left Atrial Appendage Flow Velocity for the Prediction of Silent Brain Infarction in Patients with Nonvalvular Atrial Fibrillation

Sera Ishikawa (Department of Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka)

PE-535 Left Atrial Appendage Morphology and Left Ventricular Function in Patients with Sinus Rhythm

Megumi Shimada (Department of Cardiology, Kitasato Institute Hospital, Kitasato University, Tokyo)

PE-536 Value of Transesophageal Echocardiography for Risk Stratification in Patients with Atrial Fibrillation and High CHADS2 Score

Makoto Takano (Division of Cardiology, Department of Internal Medicine, St. Marianna University School of Medicine, Kawasaki)

PE-537 Left Atrial Function Assessed by Two-dimensional Speckle Tracking Echocardiography in Patients with Aortic Stenosis

Maidar Tumenbayar (Department of Cardiology, Shimane University Faculty of Medicine, Izumo)

Poster Session (English) 84 (MD)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Autonomic and Stress

Chairperson :

Masaru Sugimachi (National Cerebral and Cardiovascular Center, Suita)

PE-538 The α_2 -Adrenergic Pathway Enhances Aortic Depressor Nerve Stimulation-Induced Parasympathetic Acetylcholine Release to the Heart
Shuji Shimizu (Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center, Osaka)

PE-539 Pressure Overload-Induced Cardiac Hypertrophy Increases Brain-Derived Neurotrophic Factor in Nucleus Tractus Solitarius Suggesting Disruption of the Baroreflex via Heart-to-Brain Axis
Risa Takenaka (Department of Cardiovascular Medicine, Kyushu University Graduate School of Medical Sciences, Fukuoka)

PE-540 Alpha-adrenergic Receptor Variant and Neutrally Mediated Reflex Syncope
Yoshino Minoura (Division of Cardiology, Department of Medicine, Showa University School of Medicine, Tokyo)

PE-541 Frailty Deteriorates Autonomic Imbalance Assessed by Pupillary Responses to Light in Elderly Patients with Chronic Heart Failure
Kohei Nozaki (Department of Rehabilitation, Kitasato University Hospital, Sagamihara)

PE-542 Poor Sleep Quality was Associated with Depression Symptom in Patients Hospitalized with Cardiovascular Diseases
Risa Matsuda (Division of Cardiology, Keio University School of Medicine, Tokyo)

PE-543 Plasma Noradrenaline Levels are Elevated but Linearly Correlated with Sympathetic Nerve Activity during Acute Baroreflex Intervention in Heart Failure Rats
Toru Kawada (Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center, Suita)

PE-544 Electrical Baroreflex Activation Improves Volume Load Induced Worsening of Heart Failure with Reduced Ejection Fraction
Yasuhiro Oga (Department of Cardiovascular Medicine, Kyushu University Graduate School of Medical Sciences, Fukuoka)

Poster Session (English) 85 (MD)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Preventive Medicine/Epidemiology/Education 1

Chairperson :

Hiroshi Satoh (Internal Medicine III, Hamamatsu University School of Medicine, Hamamatsu)

PE-545 Association of Uric Acid with Incident Hypertension in the Japanese General Population

Yoshiaki Ohyama (Clinical Investigation and Research Unit, Gunma University, Maebashi)

PE-546 Impact of ABO Blood Groups on Heterogeneity of Endothelial Function: Possible Association of Non-O Blood Group with Ischemic Cardiovascular Diseases

Junko Arakawa (Department of Cardiology, Japan Self Defense Forces Central Hospital, Tokyo)

PE-547 Relationship of Insulin Resistance to Prevalence and Progression of Coronary Artery Calcification beyond Metabolic Syndrome in a General Population

Masahiro Yamazoe (Center for Epidemiologic Research in Asia, Shiga University of Medical Science, Otsu)

PE-548 Arterial Stiffness and Orthostatic Hypertension Predict Development of Dementia in the Elderly: Five Years Follow Up Study

Shougo Murakami (Department of Cardiovascular Medicine, Soseikai General Hospital, Kyoto)

PE-549 The Impact of Single Nucleotide Polymorphism of Superoxide Dismutase-1 on Cardiovascular and All-cause Mortality in General Population: The Yamagata Study

Yoichiro Otaki (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University School of Medicine, Yamagata)

PE-550 Assessment of Self-care Behavior in Patients with Chronic Heart Failure — A Report from the CHART Study—

Ruri Abe (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

PE-551 Evaluation of Clinical Features in Patients with Decreasing ABI Value: A Subanalysis of the IMPACT-ABI Registry

Naoto Hashizume (Department of Cardiology, Shinshu University School of Medicine, Nagano)

Poster Session (English) 86 (HF)

Poster Session Room (Sendai Aobayama Community Square Annex) 16 : 20—17 : 10

Valvular Disease, Other

Chairperson :

Yoshiyuki Kijima (Higashi-osaka City General Hospital, Department of Cardiology, Osaka)

PE-552 Enhanced Glucose Metabolism Accelerates Oxidized LDL Incorporation in Macrophages and Induces Atherosclerosis

Yilin Hao (Department of Internal Medicine, Division of Circulatory and Body Fluid Regulation, Faculty of Medicine, University of Miyazaki, Miyazaki)

PE-553 The Roles of Newly Identified Flow-Sensitive Genes in Embryotic Vascular Development

Chih-Wen Ni (Department of Biomedical Engineering, Khalifa University of Science, Technology and Research, UAE)

PE-554 Calcium Mobilization from Endoplasmic Reticulum Involves Calmodulin-mediated NADPH Oxidase-derived Reactive Oxygen Species Production in Porcine Aortic Endothelial Cells

Keiichi Odagiri (Department of Clinical Pharmacology and Therapeutics, Hamamatsu University School of Medicine, Hamamatsu)

PE-555 The Association between Plasma Level of Antiangiogenic Isoform of Vascular Endothelial Growth Factor and Clinical Profile of Peripheral Artery Disease

Akihiko Sato (Department of Cardiology and Hematology, Fukushima Medical University, Fukushima)

PE-556 Safety and Effectiveness of Catheter Directed Thrombolysis for Proximal Deep Vein Thrombosis at 1 Year Follow up Period

Hiroaki Nakamura (Department of Cardiology, Kakogawa East City Hospital, Kakogawa)

PE-557 Developing Non-Invasive Imaging Sensor for Prediction and Monitoring of Cardiovascular Events

Satoshi Nishimura (Center for Molecular Medicine, Jichi Medical University, and The University of Tokyo, Tochigi)

ポスターセッション (日本語) 52 (A)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Arrhythmia, CRT/ICD

座長:

古山 准二郎 (済生会熊本病院 心臓血管センター 循環器内科)

PJ-332 High Incidence of Lead Failure in Patients with Brugada Syndrome and Idiopathic Ventricular Fibrillation

相澤 義泰 (慶應義塾大学 循環器内科)

PJ-333 High Incidence of Appropriate Therapies after the Initial Appropriate Anti-tachycardia Pacing in Patients with an Implantable Cardioverter Defibrillator

逸見 隆太 (東京女子医科大学 循環器内科)

PJ-334 Temporal Bi-ventricular Pacing Provides Practical Information on Issues with Cardiac Resynchronization Therapy

木村 祐樹 (北野病院 心臓センター)

PJ-335 Effect of Cardiac Rehabilitation on Prevention of ICD Shock in Patients with Reduced Left Ventricular Ejection Fraction

小川 洸 (昭和大学 内科学講座循環器内科部門)

PJ-336 Tri-Ventricular Pacing Improves Early Clinical Outcome in Patients with Severe Heart Failure

水谷 吉晶 (名古屋大学 循環器内科)

PJ-337 Wearable Cardioverter-defibrillation is Useful in the Care of High Risk Patients of Sudden Cardiac Death in General Ward

小路 祥紘 (弘前大学 循環器腎臓内科学講座)

March
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PM

ポスターセッション (日本語) 53 (A)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Arrhythmia, Basic/Clinical/Pathophysiology

座長:

芦原 貴司 (滋賀医科大学 循環器内科)

- PJ-338 Linagliptin Suppresses Atrial Electrical and Structural Remodeling in Canine Model of Atrial Fibrillation**
五十嵐 建 (北里大学 循環器内科学)
- PJ-339 Remodeling of the Left Atrium in Patients with Atrial Fibrillation Contributes to Impairment of the Self-repair Mechanism**
篠原 大佑 (順天堂大学 心臓血管外科)
- PJ-340 Spleen Regulates M1/M2 Macrophage Homeostasis by the Recruitment of Dendritic Cells in Pressure-overloaded Rat Heart**
高野 正幸 (大分大学 循環器内科・臨床検査診断学講座)
- PJ-341 Predictive Value of Endothelial Function for the Recurrence of Atrial Fibrillation after Catheter Ablation**
金澤 尚徳 (熊本大学 不整脈先端医療寄附講座)
- PJ-342 The Occurrence of Ectopy from Pulmonary Veins in Atrial Fibrillation in Middle-aged Women**
林 洋介 (さいたま赤十字病院 循環器科)
- PJ-343 The Influence of Heart Rhythm on Vascular Endothelial Function in Patients with Non-valvular Atrial Fibrillation in Comparison to Sinus Rhythm**
田口 裕哉 (岩手医科大学 循環器内科)

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ポスターセッション (日本語) 54 (A)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Arrhythmia, Clinical/Diagnosis/Treatment 7

座長:

梅村 純 (榊原記念病院・循環器内科)

PJ-344 Cryoballoon Temperature Monitoring during Pulmonary Vein Isolation as a Surrogate for Acute Procedural Success

高橋 啓子 (日本大学 内科学系循環器内科)

PJ-345 Spatial Relationship between Highly-Reproducible CFAE and Ganglionated Plexi and Additional Ablative Effect of CFAE on Prevention of Non-Proxymal Atrial Fibrillation

森田 典成 (東海大学八王子病院 循環器内科)

PJ-346 Impact of the Longitudinal Displacement of Left Atrial Appendage on Atrial Fibrillation Recurrence in Catheter Ablation of Persistent Atrial Fibrillation

中島 淳 (横須賀共済病院 循環器内科)

PJ-347 Intracardiac Echocardiography is a Useful Tool to Predict Difficulty to Block Cavotricuspid Isthmus

安部 悠人 (筑波大学 循環器内科)

PJ-348 Clinical Usefulness of 7 Days Event Triggered Recorder after Atrial Fibrillation Ablation

岡本 陽地 (倉敷中央病院 循環器内科)

PJ-349 Contrast Filling Defect in the Left Atrial Appendage on Computed Tomography Image in Patients Undergoing Catheter Ablation for Atrial Fibrillation

佐々木 憲一 (大館市立総合病院 呼吸器循環器内科)

ポスターセッション (日本語) 55 (A)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 5

座長:

添木 武 (徳島大学 医歯薬学研究部・循環器内科学)

- PJ-350 Left Atrial Substrates Cause Atrial Tachycardia after Circumferential Pulmonary Vein Ablation of Atrial Fibrillation**
南 健太郎 (群馬県立心臓血管センター 循環器内科)
- PJ-351 Success of Pre-procedural Electrical Cardioversion Predicts Favorable Outcome of Catheter Ablation of Persistent Atrial Fibrillation**
山上 文 (筑波大学 循環器内科学)
- PJ-352 Additional Effects of Posterior Left Atrial Isolation to Pulmonary Vein Isolation on Termination and Inducibility of Atrial Fibrillation**
熊谷 浩一郎 (福岡山王病院 ハートリズムセンター)
- PJ-353 Limitations of Dormant Conduction as a Predictor of Pulmonary Vein Reconnections and Atrial Fibrillation Recurrence after Catheter Ablation**
磯 一貴 (日本大学板橋病院 循環器内科学分野)
- PJ-354 Modified Box-isolation with Segmental Pulmonary Vein Isolation: Detection and Ablation of the Muscular Sleeves Extending into the Pulmonary Veins**
梶原 賢太 (国立病院機構東広島医療センター)
- PJ-355 Assessment of Ablated Area by Ethanol Injection into the Marshall Vein**
山内 康照 (横浜市立みなと赤十字病院 循環器科)

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ポスターセッション (日本語) 56 (CAD)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Thromboembolism/Antithrombotic Therapy/Thrombolysis 1

座長:

乙井 一典 (神戸労災病院 循環器内科)

PJ-356 The Relationship between Cardioembolic Stroke and Vascular Endothelial Dysfunction in Patients with Non-valvular Atrial Fibrillation

松本 裕樹 (岩手医科大学 循環器内科)

PJ-357 The Risk and Safety of Discontinuing Oral Anticoagulation Therapy after Ablation for Atrial Fibrillation in Patients with High CHADS2 Score

和田 匡史 (湘南鎌倉総合病院 循環器科)

PJ-358 Perioperative Management of Antithrombotic Therapy: Assessment of Appropriate Strategy for Preventing Events

山口 純司 (武蔵野赤十字病院 循環器科)

PJ-359 Modified-HAS-BLED Score to Predict Major Bleeding in Patients with Atrial Fibrillation Undergoing Stent Implantation

飯島 雷輔 (東邦大学医療センター大橋病院)

PJ-360 A Study of Safety and Efficacy of Anticoagulant Therapy in the Treatment of Atrial Fibrillation in Kanagawa (ASSAF-K)

堺 浩之 (神奈川県内科医学会心臓血管病対策委員会)

PJ-361 Associations between Discontinuation of Anticoagulant Therapy and Frailty among Older Inpatients

山田 容子 (東京大学 老年病科)

PJ-362 Determination of Left Atrial Strain is Superior beyond CHADS2 and CHA2DS2-VASc Scoring for Initiating Anticoagulation Treatment in Atrial Fibrillation

待井 宏文 (大原総合病院大原医療センター 循環器内科)

ポスターセッション (日本語) 57 (CAD)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Angina Pectoris, Clinical 1

座長:

冷牟田 浩司 (国立病院機構 九州医療センター 循環器科)

PJ-363 The Difference of Optical Coherence Tomography Findings of Newly Progressed Coronary Lesions between Symptomatic and Asymptomatic Patients

塩出 宣雄 (土谷総合病院 循環器内科)

PJ-364 Optical Coherence Tomography Findings of Newly Progressed Coronary Lesions

塩出 宣雄 (土谷総合病院 循環器内科)

PJ-365 Predictors of Coronary Artery Disease in Patients with Peripheral Artery Disease

石原 隆行 (関西労災病院 循環器内科)

PJ-366 Significance of Macrophage Accumulation within Coronary Plaques in Patients with DM and Coronary Artery Disease Evaluated by Multi-modality Intravascular Imagings

西田 俊彦 (日本大学板橋病院 内科学系循環器内科学分野)

PJ-367 Comparison of Plaque Re-Distribution to Non-Slip Element Balloon and Conventional Balloon in De Novo Coronary Artery Lesions: 3D-IVUS Study

坂 勇輝 (愛知医科大学 循環器内科)

PJ-368 Ankle-brachial Index is Associated with the Severity and Characteristics of Coronary Atherosclerosis: Assessment by Gensini Score, IVUS, and OCT

古賀 聖士 (長崎大学 循環器内科)

PJ-369 The Impact of Arc of Calcification on TLR after PCI Guided by OCT in Calcified Lesions

柴田 浩遵 (済生会中津病院 循環器内科)

ポスターセッション (日本語) 58 (CAD)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Angina Pectoris, Clinical 2

座長:

武田 守彦 (国際医療福祉大学病院 循環器内科)

PJ-370 Predictor of the Very Late In-stent Restenosis after Percutaneous Coronary Intervention Using Second-generation Drug Eluting Stent

門岡 浩介 (宮崎市郡医師会病院 循環器内科)

PJ-371 Predictors of In-stent Restenosis and Risk Stratification of Restenosis in Second Generation Drug Eluting Stent

門岡 浩介 (宮崎市郡医師会病院 循環器内科)

PJ-372 Long-term (7-year) Clinical Outcomes after Biodegradable Polymer-based Biomatrix Biolimus-eluting Stent Implantation for Bifurcation Lesions According to Stenting Strategy

大家 理伸 (倉敷中央病院 循環器内科)

PJ-373 Clinical Outcome of Paclitaxel-coated Balloon Angioplasty for the Treatment of Coronary In-stent Restenosis in Hemodialysis Patients

林 昌臣 (小倉記念病院)

PJ-374 Comparison between Drug-Coated Balloon with Excimer Laser Angioplasty Versus Drug-Coated Balloon Alone for the Treatment of In-Stent Restenosis

高橋 悠 (兵庫県立姫路循環器病センター 循環器内科)

PJ-375 Impact of Low-density Lipoprotein Cholesterol Level on In-stent Restenosis or New Lesions after Percutaneous Coronary Intervention in Patients with Statin

神田 大輔 (鹿児島大学 心臓血管・高血圧内科学)

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ポスターセッション (日本語) 59 (CAD)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Angina Pectoris, Clinical 3

座長:

高田 睦子 (国民健康保険小松市民病院 内科)

PJ-376 Comparison between Values of Fractional Flow Reserve and Instantaneous Wave-Free Ratio in Patients with Intermediate Coronary Stenosis Lesions

三澤 透 (横須賀共済病院 循環器センター内科)

PJ-377 Impact of Fractional Flow Reserve after Percutaneous Coronary Intervention on Long-Term Clinical Outcome

柴田 浩遵 (済生会中津病院 循環器内科)

PJ-378 Impact of Patient Characteristic on Long-Term Clinical Outcomes in Patients with Deferral Lesions

栗田 章由 (愛知医科大学 循環器内科)

PJ-379 Endothelial Dysfunction Plays Important Roles on Development of Fatal and Non-fatal Cardiovascular Events

村上 達明 (福井循環器病院 循環器科)

PJ-380 The Relationship between Antithrombotic Therapy and Bleeding and Thrombotic Events in the DES Era

蔦野 陽一 (市立島田市民病院 循環器内科)

PJ-381 Outpatient Coronary Angiography is Safe and Feasible

金子 雅一 (東京都立墨東病院 循環器科)

PJ-382 Percutaneous Coronary Intervention at Hospitals with or without On-site Cardiothoracic Surgery Focusing on SYNTAX Score Grade

阿部 直之 (信州大学 循環器内科学)

ポスターセッション (日本語) 60 (CAD)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Angina Pectoris, Clinical 4

座長:

田邊 康宏 (聖マリアンナ医科大学 循環器内科)

PJ-383 The Novel Risk Scoring System P20-DAC2 can Predict the Functional Significance of Moderate Stenosis in Left Anterior Descending Artery

坂本 篤志 (浜松医科大学 第三内科)

PJ-384 Impact of Lesion-specific Factors on the Discrepancy between Angiographic and Functional Lesion Severity

鈴木 昭博 (愛知医科大学 循環器内科学)

PJ-385 Comparison between FFR and iFR Values Versus Intracoronary Imaging Measurements for Intermediate Coronary Lesions

松下 絢介 (横浜市立大学市民総合医療センター 心臓血管センター内科)

PJ-386 Application of Pressure-Derived Myocardial Fractional Flow Reserve in Patients with Chronic Hemodialysis

廣瀬 公彦 (東京医科大学 循環器内科学)

PJ-387 Contrast-induced Hyperemia as an Alternative to Drug-induced Hyperemia in the Evaluation of Fractional Flow Reserve in Coronary Lesions

塩出 宣雄 (土谷総合病院 循環器内科)

PJ-388 Comparison of the Instantaneous Wave-Free Ratio and Resting Distal Coronary Artery Pressure/Aortic Pressure with Fractional Flow Reserve

塩出 宣雄 (土谷総合病院 循環器内科)

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ポスターセッション (日本語) 61 (CAD)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Thromboembolism/Antithrombotic Therapy/Thrombolysis 2

座長:

塚原 健吾 (横浜市立大学市民総合医療センター 心臓血管センター)

PJ-389 Single Drug Approach with Edoxaban is Effective and Safe for the Patients with Venous Thromboembolism

服部 雄介 (国立循環器病研究センター病院 心臓血管内科)

PJ-390 Comparison between Edoxaban and Low Molecular Weight Heparin for Prevention of Venous Thromboembolism Incidence in Japanese Patients with Orthopedic Surgery

松本 貴樹 (済生会御所病院 内科)

PJ-391 Risk Stratification of Asymptomatic Deep Venous Thrombosis in Preoperative Japanese Patients, a Retrospective Study Based on Diagnosis Using Compression Ultrasonography

堀込 実岐 (JA長野厚生連佐久総合病院佐久医療センター 循環器内科)

PJ-392 Serum Soluble Thrombomodulin Level on Admission is a Useful Predictor for Treatment Response in Patients with Acute Pulmonary Thromboembolism

松井 泰樹 (昭和大学 内科学講座循環器内科学部門)

PJ-393 The Predictive Factor of Catheter-directed Thrombolysis (CDT) for Patients with Deep Vein Thrombosis (DVT)

新井 真理奈 (東京都立広尾病院 循環器科)

PJ-394 Catheter-directed Mechanical Thrombectomy in Treatment of Acute Pulmonary Embolism

森下 瞬 (りんくう総合医療センター市立泉佐野病院 循環器内科)

PJ-395 Role of Retrievable Inferior Vena Cava Filter in Venous Thromboembolism

土井 泰治 (大阪府済生会千里病院 循環器内科)

ポスターセッション (日本語) 62 (HF)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Heart Failure, Non Pharmacology 1

座長:

柏瀬 一路 (大阪警察病院 循環器内科)

PJ-396 Adaptive Servo-Ventilation Therapy Shows Significant Prevention of Arrhythmias in Patients with Heart Failure Due to Ischemic Heart Disease

長坂 崇司 (前橋赤十字病院 心血管内科)

PJ-397 To Maintain Positive Airway Pressure Ventilation is Valuable in Acute Cardiogenic Pulmonary Edema, Regardless of Severity of Sleep-disordered Breathing

樋口 甚彦 ((株) 日立製作所日立総合病院 循環器内科)

PJ-398 Adaptive Servo Ventilation Therapy for Patients with Heart Failure with Reduced Ejection Fraction and Central Sleep Apnea in Japan

長谷川 寛 (深谷赤十字病院 循環器内科学)

PJ-399 Clinical Benefit to Maintain Positive Airway Pressure Ventilation in the Management of Acute Cardiogenic Pulmonary Edema

樋口 甚彦 ((株) 日立製作所日立総合病院 循環器内科)

PJ-400 Clinical Impact of Adaptive Servo-Ventilation Therapy on Non-Responders to Cardiac Resynchronization Therapy

川口 直彦 (横浜市立みなと赤十字病院 循環器内科)

PJ-401 Improvement of Endothelial Dysfunction by Home Oxygen Therapy can Predict the Prognosis of Heart Failure Patients with Preserved Ejection Fraction

富田 純子 (笠岡市立市民病院 循環器内科)

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ポスターセッション (日本語) 63 (HF)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Heart Failure, Non Pharmacology 2

座長:

佐藤 真司 (福岡県済生会八幡総合病院 循環器内科)

PJ-402 Characteristics of Elderly Patients with Heart Failure with Preserved Ejection Fraction: From CURE-HF Registry

元木 博彦 (信州大学 循環器内科)

PJ-403 Different Impacts of Systolic Blood Pressure at the Different Time Points in the Acute Management for Acute Heart Failure Patients

白石 泰之 (慶應義塾大学 循環器内科)

PJ-404 Frequent Flyers for Acute Heart Failure: Their Outcome Compared to Patients with Single Admission or de novo Heart Failure

秋田 敬太郎 (慶應義塾大学 循環器内科)

PJ-405 Is Sodium Restriction Necessary for Japanese Patients Hospitalized with Acute Decompensated Heart Failure?

犬塚 康孝 (滋賀県立成人病センター 循環器内科)

PJ-406 Risk Factors for Recurrent Hospitalization after Discharge to Home in Elderly Heart Failure Patients

加藤 雅也 (広島市立安佐市民病院 循環器内科)

PJ-407 Worsening Renal Function is a Predictor of Cardiovascular Death with Heart Failure Patients after Discharge

木戸 岳彦 (昭和大学横浜市北部病院心臓血管カテーテル室)

PJ-408 Predictors of Hyperactive Delirium during ICU Stay in Patients with Acute Heart Failure

瀬川 貴嗣 (呉医療センター 循環器科)

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ポスターセッション (日本語) 64 (HF)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

iPS Cell

座長:

内藤 篤彦 (東京大学 循環器内科)

PJ-409 Cardiac Regenerative Potential of Human iPS Cell-derived Engineered Cardiac Tissue Including Cardiomyocytes and Multiple Vascular Cells

升本 英利 (京都大学iPS細胞研究所 幹細胞分化制御学)

PJ-410 Bi-Stage Phenomenon of iPSC-Derived Cardiomyocytes after Engraftment in Heart: From Proliferation Stage to Maturation Stage

舟越 俊介 (京都大学iPS細胞研究所)

PJ-411 Identification of hiPS-derived Cardiomyocyte-committed Progenitor (CCP) Population as a Promising Cell Source for Cardiac Regeneration

武田 匡史 (京都大学iPS細胞研究所 増殖分化機構研究部門 幹細胞制御学)

PJ-412 Stably Expressed APEX2 Identifies the Integration of iPSC-derived Cardiomyocytes in a Mouse Model of Myocardial Infarction

羽溪 健 (京都大学医学研究科 循環器内科学)

PJ-413 Blockade of Senescence-associated microRNA-195 in Aged Skeletal Muscle Cells Facilitates Reprogramming to Produce Induced Pluripotent Stem Cells

近藤 秀行 (兵庫医科大学 冠疾患内科)

PJ-414 iPS Cell-derived Cardiomyocytes Allogeneic Transplantation to an MHC-matched and -mismatched Non-human Primate Ischemic Cardiomyopathy Model

檜山 紀幸 (大阪大学 心臓血管外科)

PJ-415 Intracoronary Delivery of Injectable Biodegradable Scaffold Combined with Magnetic Targeting Cardiac Progenitor Cells to Treat Right Heart Failure in Rats

王 英正 (岡山大学 新医療開発センター再生医療部)

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ポスターセッション (日本語) 65 (HF)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Heart Failure, Molecular Biology

座長:

遠藤 育子 (日本医科大学多摩永山病院 内科循環器科)

PJ-416 Genome-wide Association Study of Day-to-day Blood Pressure Variability in Pre-treated Hypertensive Patients: The HOMED-BP Study

大久保 孝義 (帝京大学 衛生学公衆衛生学講座)

PJ-417 演題取下げ

PJ-418 Neu1, Ubiquitin E3 Ligase, Contributes to the Maintenance of Sarcomere Structure and the Regulation of Autophagy

伊藤 沙季 (東京医科歯科大学 生体情報薬理)

PJ-419 A Novel Cardiomyocyte-specific Isoform of Docking Protein Gab1 Plays a Critical Role in Neuregulin-1/ErbB Signaling

安居 琢 (大阪大学 循環器内科学)

PJ-420 Nardilysin in Brown Adipose Tissue Regulates Adaptive Thermogenesis and Body Temperature Homeostasis

西城 さやか (京都大学 循環器内科学)

PJ-421 Macrophage STAT3 Activation Causes Imbalance of Tissue Destruction and Protection to Promote Aortic Dissection

大野 聡子 (久留米大学 内科 心臓・血管内科)

PJ-422 STAT3 in Vascular Smooth Muscle Cells Protects Aorta from Dissection by Reinforcing Extracellular Matrix

平方 佐季 (久留米大学 内科 心臓・血管内科)

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ポスターセッション (日本語) 66 (HF)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Heart Failure, Pathophysiology

座長:

川端 正明 (大阪労災病院 救急部)

PJ-423 Clinical Characteristics and Prognostic Factors of Elderly Patients with Heart Failure —A Report from the CHART-2 Study—

佐藤 謙二郎 (東北大学)

PJ-424 Prognostic Significance of Geriatric Nutritional Risk Index in ADHF, Relating to LVEF; Comparison with Prognostic Nutritional Index and CONUT Score

山田 貴久 (大阪府立急性期・総合医療センター)

PJ-425 Gender Differences in Clinical Characteristics and Long-Term Outcome in Patients with Acute Decompensated Heart Failure (ADHF) from NARA-HF Study

中田 康紀 (奈良県立医科大学 第一内科)

PJ-426 Length of Stay in Patients Hospitalized for Acute Heart Failure —A Report from the West Tokyo Heart Failure (WET-HF) Registry—

守山 英則 (慶應義塾大学 内科学循環器内科)

PJ-427 Right Ventricular Function in Patients with Acute Decompensated Heart Failure

奥野 圭佑 (多根総合病院 循環器内科)

PJ-428 Prognostic Interaction between Beta Blockers and Central Sympathetic Activity in Patients with Chronic Heart Failure

赤羽 崇 (富山大学 第二内科)

PJ-429 The Assessment of Impaired Sleep Quality in Patients with Chronic Heart Failure

加藤 雅彦 (鳥取大学 病態情報内科)

ポスターセッション (日本語) 67 (HF)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Heart Failure, Basic and Cardiac Function

座長:

前嶋 康浩 (東京医科歯科大学 循環器内科)

PJ-430 Akt1-mediated Skeletal Muscle Growth Induces Exosome-mediated Secretion of miRNAs

泉家 康宏 (熊本大学 循環器内科)

PJ-431 SIRT1 Protects against Doxorubicin Cardiotoxicity In Vivo

久野 篤史 (札幌医科大学 薬理学講座)

PJ-432 Nardilysin Regulates Doxorubicin-Induced Cardiac Toxicity by Modulating p53 Activity

坂本 二郎 (京都大学 循環器内科学)

PJ-433 Ketone Body Metabolizing Enzyme D-Beta-Hydroxybutyrate Dehydrogenase 1 (Bdh1) Attenuates Oxidative Stress and Cardiac Remodeling in Pressure Overload Heart Failure

内橋 基樹 (京都府立医科大学 循環器内科学)

PJ-434 Enhanced Glucose Uptake Exacerbates Rather than Prevents Heart Failure in Septic Mice Lacking Fatty Acid Binding Protein 4/5

Yogi Umbarawan (群馬大学 臓器病態内科学)

PJ-435 Left Ventricular Remodeling and Its Prognostic Impact in Patients with Heart Failure with Preserved Ejection Fraction

山中 信介 (国立病院機構仙台医療センター)

PJ-436 Protein O-Linked N-Acetyl Glucosamine Modification Increases Autophagy and Attenuates Cardiac Remodeling Caused by Hypoxic Stress via TGF- β /GSK-3/NF- κ B Pathway

山下 茉莉 (大阪薬科大学 循環病態治療学研究室)

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ポスターセッション (日本語) 68 (IM)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Nuclear Cardiology

座長:

門上 俊明 (済生会二日市病院 循環器内科)

PJ-437 Comparative Effects of Long and Short-Acting Loop Diuretics on Sympathetic Nerve Activity and Prognosis in Patients with Chronic Heart Failure

笠間 周 (群馬大学 循環器内科)

PJ-438 Evaluation of Left Ventricular Diastolic Function with ECG-gated Myocardial SPECT: Comparison with Echocardiography

中川 正康 (市立秋田総合病院 循環器内科)

PJ-439 Prognostic Value of Prediction Formula by Using the SmartMIBG-HF Software in Patients with Chronic Heart Failure

石橋 洋平 (深谷赤十字病院 内科)

PJ-440 Impact of Rubber-Shielded Image on Diagnosis of Anteroseptal Coronary Artery Disease by Myocardial Perfusion Imaging Using a Cadmium-Zinc-Telluride Camera

後藤 賢治 (福山循環器病院)

PJ-441 Validation of Nuclear Myocardial Perfusion Imaging with Semiconductor Detector Gamma Camera; Comparison with Anger Type Detector Gamma Camera

松尾 晃樹 (兵庫県立姫路循環器病センター 循環器内科)

PJ-442 Prediction of Mode of Death in Chronic Heart Failure by the Combination of Cardiac Metaiodobenzylguanidine Imaging and Early Repolarization Pattern

菊池 篤志 (大阪府立急性期・総合医療センター)

PJ-443 Mode of Death and Alterations of Drug Treatment in Chronic Heart Failure Patients with Preserved Ejection Fraction: Japanese MIBG Multiple-Cohort Analysis

笠間 周 (群馬大学 循環器内科)

ポスターセッション (日本語) 69 (MD)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Autonomic and Stress

座長:

鈴木 豪 (東京女子医科大学 循環器内科学)

PJ-444 Post-traumatic Stress Disorder among Patients Receiving Implantable Cardioverter-Defibrillator Shocks

Anita Rahmawati (九州大学 循環器内科学)

PJ-445 Relationship between Depressive Symptoms and Cardiovascular Events in Japanese Patients Undergoing Coronary Angiography

和田 啓道 (京都医療センター 臨床研究センター 展開医療研究部)

PJ-446 Job Strain is not Related to the Prevalence of Hypertension in Chinese Workers: The Rosai Karoshi Study

服部 朝美 (東北労災病院 生活習慣病研究センター)

PJ-447 Prevalence and Clinical Significance of Restless Legs Syndrome in Patients with Coronary Artery Disease

谷津 翔一郎 (順天堂大学 循環器内科学)

PJ-448 Relationship between Neutrophil/Lymphocyte Ratio, Sympathetic Nerve Activity and Vascular Endothelial Function

松村 憲太郎 (香川井下病院 循環器内科)

PJ-449 The Prognostic Impact of Residential Environment Change after the Great East Japan Earthquake in Fukushima

鈴木 聡 (福島県立医科大学 循環器・血液内科学講座)

PJ-450 Prevalence of Atrial Fibrillation Increased after the Great East Japan Earthquake in Community Dwellers Living in Tsunami Disaster Area

田巻 健治 (岩手県予防医学協会 循環器科)

ポスターセッション (日本語) 70 (A)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Arrhythmia, Clinical/Diagnosis/Treatment 8

座長:

近藤 正輝 (東北大学 循環器内科学)

PJ-451 The Genotype of SNPs Related whether Ectopy is from Pulmonary Veins or Others in Atrial Fibrillation

林 洋介 (さいたま赤十字病院 循環器科)

PJ-452 Various ANK2 Mutations in Japanese Patients with Inherited Primary Arrhythmia Syndromes

市川 麻理 (滋賀医科大学 呼吸循環器内科)

PJ-453 Force-control Bipolar Radiofrequency Ablation under Monitoring of dv/dt and Integral Value of Impedance Decrement. Results from a Dual-bath Experimental Study

池主 雅臣 (新潟大学 保健学科)

PJ-454 LED Flash-induced Termination of Anatomical Reentry in Optogenetically Modified Transverse Rat Ventricular Tissue Slices

渡邊 昌也 (Laboratory of Experimental Cardiology, Department of Cardiology, Leiden University Medical Center, Netherlands)

PJ-455 Functional Analysis of hERG1 Mutations Using ECG in Larval Zebrafish Model of Long QT Syndrome Type 2

田中 仁啓 (金沢大学 救急部)

PJ-456 Development of a Novel Shock Wave Catheter Ablation System —A Preclinical Validation Study—

平野 道基 (東北大学 循環器内科学)

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ポスターセッション (日本語) 71 (A)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

Atrial/Supraventricular Arrhythmia, Clinical/Treatment 6

座長:

井上 耕一 (桜橋渡辺病院 心臓血管センター)

PJ-457 The Impact of Non-Contrast Enhanced MRI Integration into an Electroanatomical Mapping System on Outcome of Catheter Ablation of Atrial Fibrillation

横井 公宣 (兵庫県立姫路循環器病センター 循環器内科)

PJ-458 Index of Left Atrial Volume can Fairly Predicts the Recurrence after Catheter Ablation for Non-Paroxysmal Atrial Fibrillation

岡 崇史 (桜橋渡辺病院 循環器内科)

PJ-459 Is the Optimal Internal Cardioversion Energy Predictable in Patients with Atrial Fibrillation?

貴島 秀行 (兵庫医科大学 循環器内科冠疾患科)

PJ-460 Effects of Inappropriate Dosage and Adverse Events in Non-valvular Atrial Fibrillation Patients under Apixaban in a Cardiovascular Hospital

八木 直治 (心臓血管研究所 循環器内科)

PJ-461 The Frequency of Adverse Event was Similar between the Standard Dose and the Recommended Dose-reduction Group Taking Apixaban Therapy

金本 将司 (山口県立総合医療センター)

PJ-462 Heart Rate Variability can Predict the Recurrence after Catheter Ablation for Paroxysmal Atrial Fibrillation

和田 匡史 (湘南鎌倉総合病院 循環器科)

March
19
PM

日本循環器学会 委員会セッション (IT/Database 委員会)

第 17 会場 (仙台国際センター展示棟 1 階 会議室 4) 17:20-18:50

我が国の循環器診療実態の最前線
—JROAD からの報告—

座長:

小川 久雄 (国立循環器病研究センター)

齋藤 能彦 (奈良県立医科大学 第一内科)

1. JROAD のトピックス

安田 聡 (国立循環器病研究センター 心臓血管内科部門)

2. JROAD-DPC のデータの妥当性の検討

西村 邦宏 (国立循環器病研究センター 循環器病統合情報センター)

3. JROAD から「見えること」

中村 文明 (国立循環器病研究センター 循環器病統合情報センター)

4. JROAD データマネジメントの報告

住田 陽子 (国立循環器病研究センター レジストリー情報室)

March
19
PM

3月19日(土) 午後

日本循環器学会 委員会セッション (専門医制度委員会)

第7会場 (仙台国際センター会議棟 3階 白樺2) 15:10-16:10

新専門医制度における循環器専門医像：日本循環器学会専門医制度委員会の基本方針

座長：

木原 康樹 (広島大学 循環器内科学)

演者：

吉川 勉 (榊原記念病院 循環器内科)

March
19
PM

日本集中治療医学会ジョイントシンポジウム

第16会場(仙台国際センター展示棟 1階 会議室3) 14:40-16:10

循環器集中治療の現状と課題—循環器専門医に期待される役割とは？

座長：

高山 守正 (榊原記念病院 循環器内科)

笠岡 俊志 (熊本大学 救急・総合診療部)

1. 日本集中治療医学会の変革と集中治療における循環器医への期待
氏家 良人 (川崎医科大学 救急総合診療医学講座)
2. 心臓集中治療における特定集中治療室管理料の算定の課題について
野々木 宏 (静岡県立総合病院 循環器内科)
3. 国立循環器病研究センターにおける循環器集中治療の現状と課題
田原 良雄 (国立循環器病研究センター 心臓血管内科)
4. 大阪医療センターにおける循環器集中治療の現状と課題
上田 恭敬 (国立病院機構大阪医療センター 循環器内科)
5. 済生会熊本病院における循環器救急・集中治療の現状と課題
中尾 浩一 (済生会熊本病院 循環器内科)

March
19
PM

チーム医療セッション 教育講演 2 (HF)

第 21 会場 (仙台市民会館 B1 階 小ホール) 14:40-16:10

心臓リハビリテーションに活かす臨床検査

座長:

田嶋 明彦 (埼玉県立大学保健医療福祉学部 健康開発学科)

前田 知子 (榊原記念クリニック 検査科)

CE2-1 生化学検査データからの評価

小林 康之 (群馬県立心臓血管センター 技術部検査課)

CE2-2 心肺運動負荷試験 (CPX) でわかること—運動処方以外の活用法—

前田 知子 (榊原記念クリニック 検査科)

CE2-3 心臓超音波検査での評価

窪菌 琢郎 (鹿児島大学 心臓血管・高血圧内科学)

CE2-4 PAD のリハビリと臨床検査 (下肢エコー、ABI など)

安 隆則 (獨協医科大学日光医療センター 心臓・血管内科)

March
19
PM

チーム医療セッション シンポジウム 4 (O)

第20会場 (仙台市民会館 1/2階 大ホール) 17:20-18:50

日本循環器看護学会 ジョイントシンポジウム
循環器医療における地域包括ケアシステムの構築

座長:

三浦 稚郁子 (榊原記念病院 看護部)

山田 佐登美 (川崎医科大学)

CS4-1 地域チーム医療の在り方について多職種間連携教育の実践例を基に考える
榎田 めぐみ (昭和大学 看護学科)

CS4-2 グループホーム入居後期高齢者の医学、栄養学、看護学的特徴: 循環器外来通
院者および特別養護老人ホーム入居者との対比
裏木 喜久江 (東海大学 生理科学)

CS4-3 心不全患者における社会的孤立の頻度と臨床的意義
齋藤 洋 (亀田総合病院 リハビリテーション室)

CS4-4 ケアミックス型病院における継続的医療提供の現状と、地域包括ケアシステム
の構築の展望
大蔵 能律子 (諏訪中央病院)

CS4-5 都心部循環器クリニックにおける地域包括ケアシステム
弓野 大 (ゆみのハートクリニック)

チーム医療セッション 一般演題 (口述) 2 (O)

第 22 会場 (仙台市民会館 B1 階 展示室) 17:20-18:50

リハビリテーション、画像診断

座長:

田嶋 明彦 (埼玉県立大学 保健医療福祉学部)

西井 伸洋 (岡山大学 循環器内科)

- CO-07 慢性血栓塞栓性肺高血圧症における右心系循環障害とアウトカム
福井 奨悟 (慶應義塾大学 リハビリテーション科)
- CO-08 高齢心不全患者における身体活動量や活動強度と短期的予後の関連
宮原 崇 (三重大学 循環器・腎臓内科学)
- CO-09 慢性心不全患者の虚弱因子は病態と関連するか
岩津 弘太郎 (枚方公済病院 リハビリテーション科)
- CO-10 高齢開心術患者の術前 6 分間歩行距離は術後の自宅退院を予測する
小楨 公大 (神戸大学 リハビリテーション部)
- CO-11 心不全患者のフレイルスコアと日常生活動作、転帰との関係
豊田 舞子 (岩手県立中央病院 リハビリテーション科)
- CO-12 心電図同期心筋血流 SPECT を用いた左室収縮能正常例における拡張能評価—
血中 BNP 濃度との関係—
中村 学 (大垣市民病院 診療検査科)

March
19
PM

チーム医療セッション 一般演題 (ポスター) 24 (A)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

不整脈・アブレーション 4

座長:

池田 隆徳 (東邦大学内科学講座 循環器内科学分野)

- CP-144 CRT 植込みによる効果及び予後に関する検証
富田 誠士 (千葉西総合病院 ME室)
- CP-145 心臓移植後に発作性上室性頻拍を合併した移植心における電気生理学的特徴
杉本 寛之 (東北大学 診療技術部 臨床工学部門)
- CP-146 心室頻拍カテーテルアブレーション後左室伝導障害の顕在化により左室ペーシングが抑制された両心室ペーシング機能付埋込型除細動器植込み症例
勝冶 真理恵 (広島大学 診療支援部 臨床工学部門)
- CP-147 PENTARAY® eco Catheter (PNR) のフロールーメン構造の問題点について
久松 学 (JA茨城県厚生連総合病院土浦協同病院 臨床工学部)

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- CP-148** 多極電極 PENTARAY NAV を用いた左房 CT merge の正確性の検討
佐々木 健吾 (東北大学 診療技術部 臨床工学部門)
- CP-149** WPW 症候群におけるカテーテルアブレーション後再発関連因子の検討
浅木 康志 (愛媛大学 ME機器センター)
- CP-150** Reactive ATP responder における臨床的特徴の検討
武内 将起 (香川大学 ME機器管理センター)
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チーム医療セッション 一般演題 (ポスター) 25 (IM)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

非侵襲検査・エコー 4

座長:

岩永 史郎 (埼玉医科大学国際医療センター 心臓内科)

- CP-151** 僧帽弁逸脱症における逸脱部位による (弁) 形態差異の検討
鈴木 駿輔 (静岡県立病院機構 静岡県立総合病院 検査技術室)
- CP-152** 大動脈弁狭窄症評価における心エコードプラ法による多断面アプローチの重要性
菊池 秀和 (聖マリアンナ医科大学 臨床検査部)
- CP-153** 重症大動脈弁狭窄症の種々の病態における左房機能について: 経胸壁心エコー図における検討
宮本 淳子 (神戸市立医療センター中央市民病院 臨床検査技術部)
- CP-154** 重症大動脈弁狭窄症患者における Post-Systolic Shortening の検討
山口 一人 (島根大学 検査部)
- CP-155** 高齢者における低圧較差重症大動脈弁狭窄症の予後に関する検討: 中等度大動脈弁狭窄症および高圧較差重症大動脈弁狭窄症との比較
鈴木 敦子 (常陸大宮済生会病院 臨床検査科)
- CP-156** 連続の式による大動脈弁弁口面積算出における右室流出路血流代用の有用性の検討
塩川 則子 (聖マリアンナ医科大学 臨床検査部)
- CP-157** 心室中隔と上行大動脈のなす角度が鋭角化した動脈硬化性大動脈弁狭窄症患者における胸部大動脈形態の特徴
藤井 彩乃 (山口大学 超音波センター)
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チーム医療セッション 一般演題 (ポスター) 26 (IM)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

心臓 CT 1

座長:

村中 健太 (岩手医科大学 中央放射線部)

- CP-158 術前の心臓 CT と術中にサイザーを用いて計測した大動脈弁弁輪径の比較
高尾 由範 (大阪市立大学)
- CP-159 成人動脈管開存症の造影 CT において Test Injection 法を用いた 2 相撮影が診断能向上に寄与した一例
猪股 崇亨 (富士市立中央病院 中央放射線科)
- CP-160 心臓 CT と胸部 CT の同時撮像における胸部読影所見の検討
小田 祥資 (土岐市立総合病院 中央放射線部)
- CP-161 血液透析患者における冠動脈石灰化の進行と心イベントの関連
谷 恵理奈 (川島会川島病院)
- CP-162 造影冠動脈 CT による左前下行枝入口部に発症する線維性内膜肥厚と動脈硬化危険因子との関係
藤島 優平 (甲府城南病院 診療部画像診断科)
- CP-163 腎機能障害患者の冠動脈 CT の有用性の検討
山口 正人 (富士重工業健康保険組合 太田記念病院 画像診断部)
- CP-164 末梢動脈疾患を有する非透析患者と透析患者での下肢 CTA 検査における造影効果について
舩田 隆則 (土谷総合病院)
- CP-165 低管電圧撮影が TAVI 術前 CT 検査の計測精度に与える影響について
下川 由枝 (土谷総合病院)

March
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チーム医療セッション 一般演題 (ポスター) 27 (O)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

薬剤・薬物療法 4

座長:

福田 浩二 (東北大学 循環器内科学)

- CP-166 当院におけるニカルジピン塩酸塩注射液の静脈炎に対する取り組み
新枝 麻衣子 (香川県立中央病院 薬剤部)
- CP-167 トルバブタン長期処方の子後や腎機能に及ぼす影響に関する後ろ向き研究
宇野 洋司 (横浜市立大学市民総合医療センター 薬剤部)
- CP-168 心不全による呼吸困難の緩和に対するモルヒネの使用について
横山 文香 (兵庫県立尼崎総合医療センター 薬剤部)

3月19日(土) 午後

CP-169 心臓移植患者におけるタクロリムス薬物動態と影響因子の検討
松田 紗知 (国立循環器病研究センター 薬剤部)

CP-170 Lp (a) 分子量測定法の検討および Lp (a) 分子量と APOA 遺伝子によるク
リングル 4-2 繰り返し数の関係
四ッ谷 拓歩 (金沢大学 保健学専攻)

チーム医療セッション 一般演題 (ポスター) 28 (O)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

リハビリテーション・身体活動 4

座長:

磯 良崇 (昭和大学スポーツ運動科学研究所 循環器内科)

CP-171 弁膜症術後患者の入院期間に影響する因子の検討
三浦 正和 (山口県立総合医療センター リハビリテーション科)

CP-172 TAVI 術後の在院日数に影響を及ぼす因子の検討
岡田 悠 (手稲溪仁会病院 リハビリテーション科)

CP-173 大動脈弁狭窄症患者に対する各術式による呼吸機能の経時的変化
大瀧 侑 (帝京大学 心臓リハビリテーションセンター)

CP-174 経カテーテル大動脈弁留置術 (TAVI) 患者のリハビリテーションとその阻害
因子
藤江 亮太 (佐賀大学 先進総合機能回復センター)

CP-175 経カテーテル的大動脈弁置換術前後における Frailty scale および再入院率に関
する検討
斉藤 和也 (心臓病センター榊原病院 リハビリテーション室)

CP-176 弁膜症患者の二次性サルコペニアと術後に及ぼす影響
樋口 妙 (九州大学 リハビリテーション部)

チーム医療セッション 一般演題 (ポスター) 29 (O)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

事例・症例報告 4

座長:

谷口 良司 (兵庫県立尼崎総合医療センター 循環器内科)

CP-177 術前検査において心臓超音波検査が有用であった三心房心の一例
佐多 富美 (宮崎県立延岡病院 臨床検査科)

CP-178 冠静脈内での通電で治療に成功した潜在性 WPW 症候群の一例
相原 有理 (名古屋第二赤十字病院 第二臨床工学課)

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- CP-179** **IABP** バルーン-ヘリウムガスチューブ間の Y コネクタ部亀裂によるガスリークの報告
石井 利英 (神戸市立医療センター西市民病院 臨床工学室)
- CP-180** **BK** に対し **CROSSER** を施行し有用であった一例
渥美 真紀 (千葉西総合病院 ME室)
- CP-181** **Maze** 手術後の **PMI** で異常電位を呈した 1 症例
浦野 浩明 (安曇野赤十字病院 医療技術部 臨床工学課)
- CP-182** **TAVI** と **OPCAB** の同時手術の看護のポイント
朝長 亜純 (国立循環器病研究センター 看護部手術室)
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チーム医療セッション 一般演題 (ポスター) 30 (O)

ポスター会場 (せんだい青葉山交流広場 特設会場) 16:20-17:10

チーム医療 2

座長:

樗木 晶子 (九州大学 保健学部門)

- CP-183** **TAVI** 治療に関するチーム活動の現状と今後の課題 ~**TAVI** に関する業務改善を経て~
安藤 理裕 (天理よろづ相談所病院 放射線部)
- CP-184** **Door to Balloon Time** 時間短縮に向けた診療放射線技師の取り組みに関する検討
先山 耕史 (昭和大学藤が丘病院 放射線室)
- CP-185** 当院における **Door to balloon time** の現状と看護師の役割
伊美 礼子 (土谷総合病院 看護部)
- CP-186** 新規開設 3 次救急施設での **ST** 上昇型急性心筋梗塞患者における、地域医療機関の経由と **Door to Balloon Time**, **Symptom Onset to Balloon Time** の関係
河上 聖弥 (東千葉メディカルセンター 看護部)
- CP-187** 新規開設 3 次救急施設での **ST** 上昇型急性心筋梗塞患者における **Door to Balloon Time** 短縮への取り組み
河上 聖弥 (東千葉メディカルセンター 看護部)
- CP-188** **TAVI** 治療に向けた予防措置の検討—感染性心内膜炎発症を経験して—
麻生 圭子 (湘南鎌倉総合病院 治験センター)
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Fireside Seminar 14

第1会場(仙台国際センター会議棟 1/2階 大ホール) 19:00-20:00

本邦における TAVI の現状と将来への展望

座長:

上妻 謙(帝京大学 循環器内科)

1. TAVI Clinical experiences for more than two years; Where are we and where should we go?

白井 伸一(小倉記念病院 循環器内科)

2. Transcatheter aortic valve implantation. How to bring the global standard to Japan, Asia and beyond?

林田 健太郎(慶應義塾大学 循環器内科)

共催: エドワーズライフサイエンス株式会社

Fireside Seminar 15

第2会場(仙台国際センター会議棟 2階 橋) 19:00-20:30

第77回冠循環談話会

「冠動脈病変において画像診断は病理にどこまで迫れるか?」: vulnerable plaque を評価できるのか?

座長:

磯部 光章(東京医科歯科大学 循環制御内科学)

1. 冠動脈硬化病変の病理: 画像と病理の比較から学ぶこと

上田 真喜子(森ノ宮医療大学、大阪市立大学)

2. 光干渉撮像法(血管内超音波法)による病変評価

足利 貴志(東京医科歯科大学 茨城県循環器地域医療学)

3. 冠動脈内視鏡による病変評価

平山 篤志(日本大学 循環器内科学分野)

共催: 日本ベーリンガーインゲルハイム株式会社

Fireside Seminar 16

第3会場（仙台国際センター会議棟 2階 萩） 19：00－20：00

傷害血管壁の病態からみた PCI 患者に適した抗血小板療法

座長：

倉林 正彦（群馬大学 臓器病態内科学）

井上 晃男（獨協医科大学 心臓・血管内科）

共催：第一三共株式会社

March
19
PM

Fireside Seminar 17

第4会場（仙台国際センター会議棟 2階 桜1） 19：00－20：00

自己拡張型 TAVI デバイス： 国内治験データからの知見と今後の展望

座長：

TBA

鳥飼 慶（大阪大学 心臓血管外科）

共催：日本メドトロニック株式会社

Fireside Seminar 18

第5会場（仙台国際センター会議棟 2階 桜2） 19：00－20：00

新たな時代を迎えた慢性血栓栓性肺高血圧症（CTEPH）の治療

座長：

中西 宣文（国立循環器病研究センター病院研究所）

松原 広己（岡山医療センター 循環器科、臨床研究部）

共催：バイエル薬品株式会社

Fireside Seminar 19

第6会場(仙台国際センター会議棟 3階 白檀1) 19:00-20:00

利尿薬反応性を考える

座長:

佐藤 直樹 (日本医科大学武蔵小杉病院 内科・循環器内科)

杉村 宏一郎 (東北大学 循環器内科学)

レクチャー: 急性心不全治療のポイントを共有しよう!

佐藤 直樹 (日本医科大学武蔵小杉病院 内科・循環器内科)

症例提示

鈴木 秀明 (東北大学 循環器内科学)

パネリスト:

坂口 大起 (大阪警察病院 循環器内科)

坂本 隆史 (九州大学 循環器内科)

木田 圭亮 (聖マリアンナ医科大学 内科学(循環器内科))

石原 嗣郎 (日本医科大学武蔵小杉病院 循環器内科)

共催: 大塚製薬株式会社

Fireside Seminar 20

第7会場(仙台国際センター会議棟 3階 白檀2) 19:00-20:00

心血管イベント抑制を目指した糖尿病治療戦略

座長:

門脇 孝 (東京大学 糖尿病・代謝内科)

寺内 康夫 (横浜市立大学 分子内分泌・糖尿病内科学)

共催: 株式会社三和化学研究所

Fireside Seminar 21

第8会場（仙台国際センター会議棟 3階 小会議室8） 19：00－20：00

12 誘導心電図の未来を描く ～導出 18 誘導心電図の新たな展開～

座長：

加藤 貴雄（国際医療福祉大学三田病院）

1. 導出 18 誘導心電図を用いた特発性流出路起源心室不整脈の起源推測
五十嵐 都（土浦協同病院 循環器内科）
2. 肺高血圧症・右室肥大の心電図診断：導出右側胸部誘導の有用性
宮内 靖史（日本医科大学 循環器内科学）

共催：日本光電工業株式会社

March
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Fireside Seminar 22

第9会場（仙台国際センター会議棟 3階 小会議室6+小会議室7） 19：00－20：00

心血管病理 2016（蓄積性心疾患と血管炎）

座長：

高野 博之（千葉大学 分子心血管薬理学）

岡部 眞典（福岡県済生会福岡総合病院 循環器内科）

1. 蓄積性疾患
竹村 元三（朝日大学 内科学分野）
2. 血管炎症候群の病理
高橋 啓（東邦大学医療センター大橋病院 病理診断科）
3. ファブリー病
中村 一文（岡山大学 循環器内科学）

共催：大日本住友製薬株式会社

3月19日(土) 午後

Fireside Seminar 23

第10会場(仙台国際センター会議棟 1階 小会議室1) 19:00-20:00

SGLT2 阻害薬による循環器領域への期待

座長:

阿古 潤哉(北里大学 循環器内科学)

米田 隆(金沢大学 未来医療研究人材養成拠点形成事業プログラムマネジメント室)

共催: アストラゼネカ株式会社

Fireside Seminar 24

第11会場(仙台国際センター会議棟 1階 小会議室2) 19:00-20:00

慢性腎臓病における心血管障害 ～L-FABPの可能性～

座長:

柏原 直樹(川崎医科大学 腎臓・高血圧内科学)

小林 修三(湘南鎌倉総合病院、腎臓病総合医療センター)

共催: シミックホールディングス株式会社/積水メディカル株式会社

Fireside Seminar 25

第14会場(仙台国際センター展示棟 1階 会議室1) 19:00-20:00

大規模臨床試験から読み解く今後の糖尿病治療戦略

座長:

麻生 好正(獨協医科大学 内科学(内分泌代謝))

小田原 雅人(東京医科大学 糖尿病・代謝・内分泌・リウマチ・膠原病内科学分野)

共催: サノフィ株式会社

March
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Fireside Seminar 26

第15会場(仙台国際センター展示棟 1階 会議室2) 19:00-20:00

脳心血管病予防に関する包括的リスク管理

座長:

野出 孝一 (佐賀大学 循環器内科学)

1. 橋本 洋一郎 (熊本市市民病院 神経内科・地域医療連携部 リハビリテーション科)
2. 飯田 真美 (岐阜県総合医療センター)

共催: ファイザー株式会社

March
19
PM

Fireside Seminar 27

第16会場(仙台国際センター展示棟 1階 会議室3) 19:00-20:00

BNP; too high, too low

座長:

桑原 宏一郎 (京都大学 循環器内科学)

1. 中川 靖章 (京都大学 循環器内科)
2. 吉村 道博 (東京慈恵会医科大学 内科学講座 循環器内科)

共催: 塩野義製薬株式会社/協和メデックス株式会社/東ソー株式会社/
株式会社 LSIメディエンス/アボット ジャパン株式会社/積水メディカル株式会社/
富士レビオ株式会社/アリーア メディカル株式会社
