

## President's Lecture 代表理事講演

3月10日(金) 13:30-14:00

第1会場 (福岡サンパレス 2階 「大ホール」)

代表理事講演

座長:

小室 一成 (FJCS) (東京大学大学院医学系研究科循環器内科学)

日本循環器学会の活動と将来展望

平田 健一 (FJCS) (神戸大学大学院 医学研究科 循環器内科学分野)

March  
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## Plenary Session 2 (IHD)

March 10 (Fri) 16:00-17:30

Room 5 (Fukuoka International Congress Center 3F Main Hall)

### Recent Discoveries in Vascular Calcification

Chairpersons:

Elena Aikawa (Brigham and Women's Hospital, USA)

Tetsuya Matoba (FJCS) (Department of Cardiovascular Medicine, Kyushu University, Fukuoka)

#### 1. State of the Art:

##### Novel Insights into Cardiovascular Calcification

Elena Aikawa (Brigham and Women's Hospital, Harvard Medical School, Boston, USA)

#### 2. The Role of microRNA-34a in Aortic Valve Calcification

Tetsu Watanabe (FJCS) (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University, Yamagata)

#### 3. Inhibitory Effects of Eicosapentaenoic Acid on Arterial Calcification in *Klotho* Mutant Mice

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

#### 4. Novel Imaging Approaches to Discover Pathogenetic Roles of Coronary Calcification and Other Crystalline Components

Kensuke Nishimiya (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

## Plenary Session 3 (Emer/Med Policy/New Fields)

March 10 (Fri) 16:00-17:30

Room 8 (Fukuoka International Congress Center 2F 203)

### Cooperation with Oncologists and the Role of Cardiologists in Cancer Care

Chairpersons:

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

Hironobu Minami (Medical Oncology/Hematology, Kobe University Graduate School of Medicine, Kobe)

#### 1. State of the Art:

##### Pre-mature Aging: The Common Target against Cancer and Cardiovascular Disease in Cardio-oncology

Jun-ichi Abe (Department of Cardiology, The University of Texas MD Anderson Cancer Center, Houston, USA)

#### 2. Evaluation of Risk Prediction Models to Identify Chemotherapeutics-related Cardiac Dysfunction in Breast Cancer Patients from Prospective Multicenter Registry in Japan

Koichiro Sugimura (FJCS) (Department of Cardiology, International University of Health and Welfare School of Medicine Narita Hospital, Narita)

#### 3. Sex Difference in the Risk of Heart Failure after the Treatment Using Anti-HER2 Monoclonal Antibody

Hidehiro Kaneko (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)

#### 4. A Prospective Observational Study of Patients with Advanced Cancer for Evaluation of Checkpoint Inhibitor-associated Cardiovascular Immune-related Adverse Events: AWARENESS-irAE Registry

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

#### 5. Efficacy and Safety of Direct Factor Xa Inhibitors Versus Low-molecular-weight Heparin in Patients with Cancer-associated Venous Thromboembolism

Tomohiro Fujisaki (Department of Cardiovascular Medicine, Kumamoto University School of Medicine, Kumamoto)

## Plenary Session 4 (Arrhythmia)

March 10 (Fri) 16 : 00—17 : 30

Room 11 (Fukuoka International Congress Center 4F 413+414)

### Frontiers in Diagnosis and Treatment of Hereditary Arrhythmias

Chairpersons :

Yukiko Nakano (FJCS) (Department of Cardiovascular Medicine, Hiroshima University, Hiroshima)

Kui Hong (The Second Affiliated Hospital of Nanchang University, Nanchang of Jiangxi, China (Deputy Group Leader of the Arrhythmias Branch))

#### 1. State of the Art :

##### Frontiers in Genetic Diagnosis and Treatment of Hereditary ACM

Kui Hong (Department of Cardiovascular Medicine, the Second Affiliated Hospital of Nanchang University, China)

#### 2. Risk Stratification of Patients with Early Repolarization Pattern: Insights from the Japanese and French Multicenter Registries

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

#### 3. Clinical Significances of Electrical Storm in Patients with Early Repolarization Syndrome

Akira Ueoka (Department of Cardiovascular Medicine, Okayama University Faculty of Medicine, Dentistry and Pharmaceutical Sciences, Okayama)

#### 4. Association between Deleterious SCN5A Variants and Ventricular Septal Defect in Young Patients with Brugada Syndrome

Keisuke Suzuki (Department of Cardiovascular Medicine, Sendai City Hospital, Sendai)

#### 5. Clinical Features of Brugada Syndrome Patients with SCN5A Mutations

Sho Okamura (Department of Cardiovascular Medicine, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima)

#### 6. Calmodulinopathy: A Common Cause of Critical Cardiac Phenotypes in Fetus and Infancy

Megumi Fukuyama (Department of Cardiovascular Medicine, Shiga University of Medical Science, Otsu)

## Plenary Session 5 (Stroke/Vasc)

March 10 (Fri) 16 : 00—17 : 30

Room 14 (Fukuoka International Congress Center 5F 501)

### Cardiac Catheter-based Interventions for Stroke Prevention

Chairpersons :

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

Hiro Yamasaki (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

#### 1. State of the Art :

##### Optimal Cardiovascular Risk Management in Patients with Atrial Fibrillation

Gregory Y. H. Lip (Liverpool Centre for Cardiovascular Science, University of Liverpool and Liverpool Heart & Chest Hospital, Liverpool, UK/Department of Clinical Medicine, Aalborg University, Aalborg, Denmark)

#### 2. Real-world Cardiac Catheter-based Interventions for Stroke Prevention in Japan

Hidehiko Hara (FJCS) (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)

#### 3. Transcatheter Closure of Patent Foramen Ovale for Secondary Prevention of Cryptogenic Stroke: Current Status in Japan

Teiji Akagi (Department of Cardiovascular Medicine, Okayama University, Okayama)

#### 4. Peridevice Leak after Left Atrial Appendage Closure with the WATCHMAN FLX: Lessons from Cardiac Computed Tomography Angiography

Masato Fukunaga (Department of Cardiology, Kokura Memorial Hospital, Kitakyushu)

#### 5. Real-World Antithrombotic Regimen Post Left Atrial Appendage Occlusion

Satoko Ryuzaki (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)

#### 6. Future Perspectives on Left Atrial Appendage Closure Device in Japan

Kenji Okubo (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

## Plenary Session 6 (HF/CM)

March 10 (Fri) 16:00–17:30

Room 19 (Marine Messe Fukuoka Hall A 3F Sub-Arena)

### Home Monitoring, Advanced Heart Failure, Destination Therapy, Palliative Care

Chairpersons :

Koichiro Kinugawa (FJCS) (Second Department of Internal Medicine, University of Toyama, Toyama)

Joann Lindenfeld (Vanderbilt University, USA)

#### 1. State of the Art :

##### **Current Issues in Heart Failure: Hemodynamic Monitoring, New Medical and Device Therapy, Destination Therapy and Palliative Care**

Joann Lindenfeld (Vanderbilt University, Nashville, USA)

#### 2. Collaboration among Hospital and Home Medical Care Providers is Essential to Help Patients Live Better with Heart Failure at Home

Sho Okada (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)

#### 3. Early Detection of Worsening Heart Failure in Patients at Home Using Telemonitoring System of Respiratory Stability

Hidetsugu Asano (Internal Medicine, Toyama Nishi General Hospital, Toyama)

#### 4. Clinical Results of the Destination Therapy One Year after Approval

Yasumasa Tsukamoto (Department of Transplant Medicine, National Cerebral Cardiovascular Center, Suita)

#### 5. Home Medical Care for Advanced Heart Failure Patients -DT and Telenursing Center

Dai Yumino (Yumino Medical, Tokyo)

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## Plenary Session 7 (IMG)

March 10 (Fri) 16:00–17:30

Room 20 (Marine Messe Fukuoka Hall A 1F Arena)

### Diagnostic Imaging for Heart Failure

Chairpersons :

Yasushi Sakata (FJCS) (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Osaka)

Carsten Tschöpe (German Heart Center at Charite (DZHK), Germany)

#### 1. State of the Art :

##### **How to Diagnose HFpEF?**

Carsten Tschöpe (Cardiovascular Unit, German Heart Center at Charite (DZHK), Germany/Cardiovascular Unit, Immunocardiology, Berlin Institute of Health (BIH) at Charite, Germany)

#### 2. Prognostic Significance of Pulmonary Arterial Wedge Pressure Estimated by Deep Learning Using Chest Radiographs in Acute Decompensated Heart Failure

Yuki Saito (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

#### 3. Usefulness of Liver Stiffness Assessed by Magnetic Resonance Elastography in Patients with Heart Failure

Atsushi Tada (Department of Cardiovascular Medicine Hokkaido University Graduate School of Medicine, Sapporo)

#### 4. Left Atrial Function Assessed by 2D Speckle Tracking Echocardiography as a Possible Therapeutic Target for HEpEF: The SCADGP Study

Masao Daimon (FJCS) (Department of Clinical Laboratory, The University of Tokyo, Tokyo)

#### 5. Extracellular Volume on Computed Tomography is Useful for Prognosis Prediction in Dilated Cardiomyopathy with Heart Failure with Reduced Ejection Fraction

Satomi Yashima (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)

## Symposium 5 (Emer/Med Policy/New Fields)

March 10 (Fri) 13:30–15:00

Room 8 (Fukuoka International Congress Center 2F 203)

### Facing the Challenge of Multimorbidity and Polypharmacy in the Management of Older Patients

Chairpersons:

Satoshi Yasuda (FJCS) (Department of Cardiovascular Medicine, Tohoku University School of Medicine, Sendai)  
Petar Seferovic (Co-Editor for Eastern Europe, European Heart Journal/Vice-President, European Society of Cardiology (2020-2022)/President, Heart Failure Association of the ESC (2018-2020)/Academician, Serbian Academy of Sciences and Arts/Professor, University of Belgrade Faculty of Medicine, Serbia)

#### 1. Keynote Lecture:

##### Focus on HFpEF Diagnosis and Treatment: An Evidence Based Reconciliation

Petar Seferovic (Co-Editor for Eastern Europe, European Heart Journal/Vice-President, European Society of Cardiology (2020-2022)/President, Heart Failure Association of the ESC (2018-2020)/Academician, Serbian Academy of Sciences and Arts/Professor, University of Belgrade Faculty of Medicine, Serbia)

#### 2. Polypharmacy among Elderly Heart Failure Patients with Home Medical Care -Intervention with Tele-Nursing Center

Tsuyoshi Suzuki (Yumino Heart Clinic Mitaka, Tokyo)

#### 3. Polypharmacy is Associated with Poor Prognosis in Patients with Chronic Heart Failure: Insights from the CHART-2 Study

Takahide Fujihashi (Akita Cerebrospinal and Cardiovascular Center, Akita)

#### 4. Polypharmacy in Cardiovascular Disease. Is All You Need the Number?

Hirohiko Motoki (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto)

#### 5. Current Status of Potentially Inappropriate Use of Medications for Hospitalized Patients with Cardiovascular Disease: Nationwide Survey from JROAD-DPC

Kazuhiro Nakao (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

## シンポジウム 6 (Emer/Med Policy/New Fields)

3月10日(金) 13:30–15:00

第14会場 (福岡国際会議場 5階「501」)

循環器領域における保険診療の課題と対策: CCU加算と費用対効果

座長:

池田 隆徳 (FJCS) (東邦大学大学院医学研究科循環器内科学)

田倉 智之 (東京大学大学院医学系研究科医療経済政策学)

#### 1. Consideration of the CCU Additional Fee in Light of the Basic Act on Measures against Stroke and Cardiovascular Diseases

伊藤 智範 (FJCS) (岩手医科大学内科学講座循環器内科学分野/医学教育学講座地域医療学分野)

#### 2. Japanese Society of Cardiology's Effort to Obtain Additional Administration Fees for CCU (CCU Addition)

大倉 宏之 (FJCS) (岐阜大学大学院医学系研究科循環器内科学)

#### 3. Cost-effectiveness of Cardiovascular Diseases (Focusing on Heart Failure)

小寺 聡 (東京大学循環器内科)

#### 4. Cost-Effectiveness Analysis of Catheter Ablation for Atrial Fibrillation in Japan

山根 禎一 (東京慈恵会医科大学循環器内科)

#### 5. Cost-effectiveness of Cardiac Rehabilitation

木庭 新治 (FJCS) (昭和大学内科学講座循環器内科学部門)

## シンポジウム 7 (Surg/SHD)

3月10日(金) 13:30–15:00

第19会場 (マリンメッセ福岡 A館 3階「サブアリーナ」)

三尖弁逆流症の現状と新たな治療戦略

座長:

江石 清行 (白十字病院 心臓・弁膜症センター)

泉 知里 (FJCS) (国立循環器病研究センター 心臓血管内科)

#### 1. Even Moderate Tricuspid Regurgitation Leads to a Poor Prognosis in Patients with Heart Failure and Preserved Ejection Fraction

吉田 彩乃 (近畿大学循環器内科)

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2. **Development of a Tricuspid Regurgitation Burden Score to Predict Its Causal Effect on Heart Failure Outcomes**  
伯野 大彦 (川崎市立川崎病院循環器内科)
3. **Right Ventricular Remodeling in Cardiac Magnetic Resonance may Predict Right Ventricular Contractile Reserve in Functional Severe Tricuspid Regurgitation**  
中川 頌子 (国立循環器病研究センター心臓血管内科部門 心不全科)
4. **Usefulness of Spiral Suspension Repair for Functional Tricuspid Regurgitation with Tethering**  
佐々木 晴香 (千葉大学医学部附属病院循環器内科)
5. **Outcomes of Transcatheter Tricuspid Edge-to-edge Repair in Patients with Right Ventricular Dysfunction**  
杉浦 淳史 (ポン大学ハートセンター)

## シンポジウム 8 (Arrhythmia)

3月10日(金) 13:30-15:00

第22会場 (マリンメッセ福岡 B館 2階「会議室 1」)

高齢者の心房細動治療：非薬物療法を中心に

座長：

茅田 浩 (FJCS) (福井大学医学部 循環器内科学)  
副島 京子 (FJCS) (杏林大学医学部付属病院)

1. **Clinical Impact of Sinus Restoration with Catheter Ablation of Atrial Fibrillation in the Elderly with Heart Failure**  
向井 靖 (FJCS) (福岡赤十字病院・循環器内科)
2. **Cryoballoon Ablation for AF in Elderly Patients with Heart Failure is Feasible and Effective: Insight from a Multicenter Large-Scale Survey**  
柳澤 哲 (名古屋大学大学院医学系研究科循環器内科学)
3. **Safety and Efficacy of Catheter Ablation for Atrial Fibrillation in Elderly Patients: Real-world Evidence from the J-AB Registry**  
井上 耕一 (大阪医療センター循環器科)
4. **Percutaneous Left Atrial Appendage Closure Followed by Short-term Oral Anticoagulant without Antiplatelet Therapy in Elderly Patients with Atrial Fibrillation**  
近藤 祐介 (FJCS) (千葉大学大学院医学研究科循環器内科学)
5. **Minimally Invasive Stand-Alone Maze Procedure for Atrial Fibrillation**  
福嶋 五月 (国立循環器病研究センター心臓外科)

## シンポジウム 9 (HF/CM)

3月10日(金) 16:00-17:30

第22会場 (マリンメッセ福岡 B館 2階「会議室 1」)

HFpEFに対するこれからの標準治療

座長：

山本 一博 (FJCS) (鳥取大学 循環器・内分泌代謝内科)  
土肥 薫 (三重大学大学院医学系研究科 循環器・腎臓内科学)

1. **Exercise Training and Nutritional Intervention in Patients with Heart Failure with Preserved Ejection Fraction**  
衣笠 良治 (鳥取大学循環器内科学)
2. **Reconsidering the Therapeutic Strategy from the Viewpoint of Left Ventricular Ejection Fraction among HFpEF Patients**  
中川 彰人 (尼崎中央病院循環器内科)
3. **Triple Guideline Directed Medical Therapy for Octogenarian Patients with Heart Failure and Preserved Ejection Fraction**  
岸原 誠 (埼玉県済生会加須病院循環器内科)
4. **Therapeutic Strategy Based on Frailty Status in Patients with Heart Failure Preserved Ejection Fraction**  
彦惣 俊吾 (FJCS) (大阪大学循環器内科学)
5. **LV Contraction-relaxation Coupling as a Key Target to Improve Outcomes after Catheter Ablation in High-risk Patients for HFpEF with AF**  
北田 修一 (名古屋市立大学大学院 医学研究科循環器内科学)

## チーム医療セッション シンポジウム 2

3月10日(金) 13:30-15:00

第23会場(マリンメッセ福岡 B館 2階「会議室2」)

新しい心不全治療を考える

座長:

志賀 剛 (FJCS) (東京慈恵会医科大学臨床薬理学)  
今井 靖 (自治医科大学 臨床薬理学・循環器内科学)

1. 高齢者心不全における慢性心不全治療薬のチェックポイント  
田中 雅幸 (摂南大学)
2. 心不全治療におけるポリファーマシーは患者の死亡率に影響を与えるのか  
林 太祐 (日本医科大学付属病院 薬剤部)
3. アドヒアランス不良な心不全患者に対する ePRO の有用性  
尾関 理恵 (順天堂大学 乳腺腫瘍学講座)
4. 心不全の地域医療における診療看護師 Nurse Practitioner の役割  
橋 朋絵 (ゆみのハートクリニック)
5. 遠隔心臓リハビリテーションへの挑戦、多職種の役割と課題  
石井 典子 (榊原記念病院 心臓リハビリテーション室・看護部)

共催: 日本臨床薬理学会

## 教育セッション I-1

3月10日(金) 15:35-16:35

第1会場(福岡サンパレス 2階「大ホール」)

一般病院で診る肺高血圧症

座長:

江本 憲昭 (FJCS) (神戸薬科大学 臨床薬学)  
矢尾板 信裕 (東北大学 循環器内科)

1. 肺高血圧症の病態と診断、及び専門施設への紹介基準について  
波多野 将 (FJCS) (東京大学医学部 循環器内科、高度心不全治療センター)
2. 内服肺高血圧治療薬の初期併用療法的重要性や単剤から治療すべき症例、また肺血管拡張薬を使用すべきでない症例など、(非専門施設での) PH 初期治療戦略  
田村 雄一 (国際医療福祉大学医学部 循環器内科)
3. 小児期 PAH—初期診断のポイント—  
澤田 博文 (三重大学 麻酔集中治療学)

## 教育セッション I-2

3月10日(金) 16:35-17:35

第1会場(福岡サンパレス 2階「大ホール」)

循環器医に求められる不整脈の知識

座長:

清水 渉 (FJCS) (日本医科大学付属病院 循環器内科)  
古川 哲史 (東京医科歯科大学 難治疾患研究所)

1. AI・DX などの最先端技術が変える不整脈基礎研究  
古川 哲史 (東京医科歯科大学 難治疾患研究所)
2. 不整脈非薬物治療の進歩—最新のガイドラインから  
栗田 隆志 (近畿大学 心臓血管センター)

## Invited Lecture 1 (Stroke/Vasc)

March 10 (Fri) 14:15-15:00

Room 1 (Fukuoka Sunpalace 2F Main Hall)

Chairpersons:

Takeshi Yamamoto (FJCS) (Division of Cardiovascular Intensive Care, Nippon Medical School Hospital, Tokyo)  
Tetsuya Matoba (FJCS) (Department of Cardiovascular Medicine, Kyushu University, Fukuoka)

### Acute Myocardial Infarction and Cardiogenic Shock: Changing

Navin Kapur (Cardiovascular Center, Cardiology, Tufts University School of Medicine, Medford, USA)

## Invited Lecture 2 (ACHD)

March 10 (Fri) 14 : 30—15 : 15  
Room 3 (Fukuoka Sunpalace 2F Palace Room B)

### Heart Transplantation in Adult Congenital Heart Disease

Chairperson :

Teiji Akagi (Department of Cardiovascular Medicine, Okayama University, Okayama)

### The Tsunami of Heart Failure in ACHD and How Best to Deal with It

Michael A. Gatzoulis (Royal Brompton Hospital, UK)

## Meet the Expert 4 (Edu/Res/Epid/Crin Res)

March 10 (Fri) 13 : 30—14 : 30  
Room 3 (Fukuoka Sunpalace 2F Palace Room B)

### Circulation: Cardiovascular Imaging: Editor's Picks for 2019

Chairpersons :

Robert J. Gropler (Washington University of St. Louis; Editor-in-chief, Circulation Cardiovascular Imaging, USA)

Nozomi Watanabe (Division of Cardiovascular Physiology, University of Miyazaki Faculty of Medicine, Miyazaki; Associate Editor, Circulation Cardiovascular Imaging)

#### 1. Journal Introduction and Current Status

Robert J. Gropler (Washington University of St. Louis; Editor-in-chief, Circulation Cardiovascular Imaging, USA)

#### 2. Editor's Picks 2022

Nozomi Watanabe (University of Miyazaki School of Medicine, Miyazaki; Associate Editor, Circulation Cardiovascular Imaging)

#### 3. Cardiac Power Output is Independently and Incrementally Associated with Adverse Outcomes in Heart Failure with Preserved Ejection Fraction

Masaru Obokata (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

#### 4. Culprit Lesion Morphology of Rapidly Progressive and Extensive Anterior-wall ST-segment Elevation Myocardial Infarction

Kozo Okada (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

パネリスト : Editorial Board :

Yoshihiro Seo (FJCS) (Department of Cardiology, Nagoya City University Graduate School of Medical Sciences, Nagoya)

Kenya Kusunose (FJCS) (Tokushima University Hospital, Tokushima)

Hiroto Utsunomiya (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima)

## Meet the Expert 5 (Arrhythmia)

March 10 (Fri) 15 : 45—16 : 45  
Room 3 (Fukuoka Sunpalace 2F Palace Room B)

### State-of-the-art Treatment of Arrhythmia

Chairpersons :

David E. Haines (Oakland Univ. William Beaumont School of Medicine, Beaumont Hospital, USA)

Teiichi Yamane (Department of Cardiology, The Jikei University School of Medicine, Tokyo)

#### 1. Advances in Ablation of Atrial Fibrillation

David E. Haines (Oakland Univ. William Beaumont School of Medicine, Beaumont Hospital, Royal Oak, USA)

#### 2. Cardiac Stereotactic Body Radiotherapy in Refractory Ventricular Tachycardia

Koichiro Yoshioka (Department of Cardiology, Tokai University, Isehara)

## Special Session 2 (HF/CM)

March 10 (Fri) 13 : 30—15 : 00  
Room 17 (Marine Messe Fukuoka Hall A 2F Large Meeting Room)

### Inflammatory Cardiomyopathy, Pathogenesis and Treatment

Chairpersons :

Carsten Tschöpe (Berlin Institute of Health, Germany)

Kenji Onoue (FJCS) (Department of Cardiovascular Medicine, Nara Medical University, Nara)

#### 1. Virus Genome Detection in EMBs and Treatment Options? Are All Viruses the Same ?

Carsten Tschöpe (Cardiovascular Unit, German Heart Center at Charité (DZHK), Germany/Cardiovascular Unit, Immunocardiology, Berlin Institute of Health (BIH) at Charité, Germany)

2. **Treatment of Chronic Inflammatory Cardiomyopathy**  
Kazufumi Nakamura <sup>(FJCS)</sup> (Department of Cardiovascular Medicine, Okayama University, Okayama)
3. **Significance of Intramyocardial T Lymphocytes in Dilated Cardiomyopathy -Proposals from the INDICATE Studytoward Prognosis-oriented Tissue Criteria for Chronic Active Myocarditis**  
Keiko Ohta-Ogo (Dept. of Pathology, National Cerebral and Cardiovascular Center, Suita)
4. **Current Status and Gaps in the Management of Myocarditis: A Comparison of Japan and Europe**  
Masato Katsuki (Berlin Institute of Health at Charite-University, BIH Center for Regenerative Therapies, Berlin, Germany)
5. **Key Points of JCS 2023 Guideline on the Diagnosis and Treatment of Myocarditis: Focus on Chronic Inflammatory Cardiomyopathy**  
Toshiyuki Nagai <sup>(FJCS)</sup> (Department of Cardiovascular Medicine, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Sapporo)

## Special Session 3 (HF/CM)

March 10 (Fri) 16 : 00—17 : 30

Room 17 (Marine Messe Fukuoka Hall A 2F Large Meeting Room)

### Cutting Edge Basic Research on Myocardial Remodeling and Metabolism

Chairpersons :

Junichi Sadoshima (Rutgers New Jersey Medical School, USA)

Koichiro Kuwahara <sup>(FJCS)</sup> (Shinshu University School of Medicine, Matsumoto)

1. **Capillaries as a Therapeutic Target for Heart Failure**  
Ippei Shimizu (Department of Cardiovascular Biology and Medicine Juntendo University Graduate School of Medicine, Tokyo)
2. **Histological and Electrical Remodeling of Heart through Immuno-neural Connections**  
Katsuhito Fujii (Department of Cardiovascular Medicine, the University of Tokyo, Tokyo)
3. **Spatiotemporal Molecular Mechanisms of Cardiac Remodeling and Their Applications for Therapeutic Development**  
Seitaro Nomura (Department of Cardiovascular Medicine, The University of Tokyo Hospital, Tokyo)
4. **Ketone Bodies as a Modulator of Metabolic Phenotype**  
Yuichiro Arima (Developmental Cardiology Laboratory, Internationa Reearch Center for Medical Sciences, Kumamoto University, Kumamoto)
5. **A Novel Protective Role of ZBP1 in Mitochondrial DNA-induced Myocardial Inflammation and Remodeling**  
Shouji Matsushima (Department of Cardiovascular Medicine, Faculty of Medical Sciences, Kyushu University, Fukuoka)



# 会長特別企画 U-40 部会企画(JCS-ダイバーシティ推進委員会) 2 (Edu/Res/Epid/Crin Res) —

3月10日(金) 13:30-15:30

第20会場(マリンメッセ福岡A館1階「アリーナ特設会場」)

## JCS EARLY CAREER CHAMPIONSHIP

座長:

佐藤 宏行(東北大学病院 循環器内科)

田島 愛美(総合東京病院 循環器内科)

審査員:

北海道支部代表: 天満 太郎(北海道大学大学院医学研究科 循環病態内科学講座)

東北支部代表: 西崎 史恵(弘前大学大学院医学研究科 循環呼吸腎臓内科学講座)

関東甲信越支部代表: 播磨 綾子(虎の門病院 循環器センター内科)

東海支部代表: 由良 義充(名古屋大学医学部附属病院 循環器内科)

北陸支部代表: 五天 千明(金沢大学附属病院 循環器内科)

近畿支部代表: 千村 美里(大阪大学大学院医学系研究科 循環器内科学)

中国支部代表: 石口 博智(山口大学大学院医学系研究科 器官病態内科学)

四国支部代表: 細田 勇人(近森病院 循環器内科)

九州支部代表: 本間 丈博(久留米大学病院 高度救命救急センター-CCU)

指導医賞受賞候補者:

北海道支部代表: 菊地 信介(旭川医科大学 外科学講座 血管外科学分野)

東北支部代表: 高橋 徹也(石巻赤十字病院 循環器内科)

関東甲信越支部代表: 工野 俊樹(アルバートアインシュタイン医科大学モンテフィオーレ病院)

東海支部代表: 荒尾 嘉人(大垣市民病院 循環器科)

北陸支部代表: 竹治 泰明(金沢大学附属病院 循環器内科)

近畿支部代表: 中野 顯(彦根市立病院 循環器内科)

中国支部代表: 山中 俊明(津山中央病院 循環器内科)

四国支部代表: 久保 亨(高知大学医学部 老年病・循環器内科学)

九州支部代表: 大谷 規彰(九州医療センター 循環器内科)

演者:

北海道支部代表:

**Case of Pseudo Kaposi-sarcoma with Critical Limb Ischemia**

田丸 祐也(旭川医科大学 外科学講座 血管外科学分野)

東北支部代表:

**A Case of Juvenile-onset Idiopathic Triglyceride Deposit Cardiomyovascularopathy (TGCV) Presenting with Congestive Heart Failure**

浅原 健人(石巻赤十字病院 教育研修センター)

関東甲信越支部代表:

**Association between Heart Failure Admission and All-Cause or Cardiovascular Mortality: A Meta-Analysis of RCTs**

清原 悠嵩(横浜労災病院)

東海支部代表:

**A Case of Fulminant Myocarditis Successfully Treated with VA-ECMO and IMPELLA CP**

間宮 章(大垣市民病院 循環器科)

北陸支部代表:

**The Successful Management Case of COVID-19 Associated Fluminent Myocarditis with Broad Regional Cooperation**

川端 健新(金沢大学医薬保健学域 医学類)

近畿支部代表:

**A Case of Aortitis Syndrome with Acute Myocardial Infarction as Their First Symptom**

光吉 佐織(彦根市立病院 循環器内科)

中国支部代表:

**A Case of An Elderly Undergoing Cardiopulmonary Resuscitation for Approximately 50 Minutes with Out-of-hospital Cardiopulmonary Arrest and Subsequently Discharged Unaccompanied**

松浦 秀樹(津山中央病院 卒後臨床研修センター)

四国支部代表:

**Usefulness of Using Urine Samples for Genetic Testing of Mitochondrial Cardiomyopathy**

本田 哲彬(高知大学医学部医学科 先端医療学コース 医学科4回生)

九州支部代表:

**A Case of Acute Necrotizing Eosinophilic Myocarditis after COVID-19 Vaccination**

翁 安(国立病院機構 九州医療センター初期研修医)

## 会長特別企画 3 (HF/CM)

3月10日(金) 13:30-15:00

第21会場 (マリンメッセ福岡 B館 1階「アリーナ特設会場」)

**Next Step beyond HEPT～心不全緩和ケアの実践知を共有する～ (23JCS HEPT ジョイントセッション)**

座長 (前半 30分):

北川 知郎 (広島大学 循環器内科)

河野 隆志 (杏林大学 循環器内科)

座長 (後半 60分):

水野 篤 (聖路加国際病院 循環器内科)

鈴木 敦 (東京女子医科大学 循環器内科)

1. 川松 直人 (筑波大学循環器内科)

2. 相良 秀一郎 (聖マリア病院救急科)

コメンテーター:

古川 正一郎 (飯塚病院循環器内科)

柏木 秀行 (飯塚病院 連携医療緩和ケア科)

症例発表:

西崎 公貴 (弘前大学医学部附属病院 高度救急救命センター)

ディスカッション:

岡田 健助 (公立昭和病院 循環器内科)

高麗 謙吾 (小倉記念病院 循環器内科)

## パネルディスカッション 2 (Others)

3月10日(金) 16:00-17:30

第7会場 (福岡国際会議場 2階「202」)

今だからこそ考える: 循環器領域における健康の社会的決定要因について

座長:

水野 篤 (聖路加国際病院 循環器内科)

安井 治代 (大阪大学 循環器内科)

1. **Social Determinants of Health and Cardiovascular Disease**

鈴木 隆宏 (聖路加国際病院心血管センター)

2. **The Debate on Social Determinants of Health in Japan**

近藤 尚己 (京都大学大学院医学研究科社会疫学分野/東京大学未来ビジョン研究センター)

パネリスト:

渡邊 雄介 (帝京大学医学部附属病院)

坂本 陽子 (大阪大学大学院医学系研究科循環器内科学)

丸目 恭平 (厚生労働省)

大森 崇史 (福岡ハートネット病院)

## トピック 1 (Stroke/Vasc)

3月10日(金) 16:45-17:30

第3会場 (福岡サンパレス 2階「パレスルーム B」)

石灰化末梢動脈病変への挑戦

座長:

浦澤 一史 (社会医療法人社団 カレスサポロ時計台記念病院)

末松 延裕 (済生会福岡総合病院 循環器内科)

1. **Lower Extremity Arterial Disease (LEAD) with Calcification, Why is It Difficult?**

藤原 昌彦 (岸和田徳洲会病院循環器科)

2. **Limitation of Lesion Preparation for Severe Calcified Femoro-popliteal Lesion and Effectiveness of Heparin-bonded Stent Graft**

飛田 一樹 (湘南鎌倉総合病院循環器内科)

3. **Drug-coated Balloon with Atherectomy is the Best Answer for Heavily Calcified Femoropopliteal Lesion**

曾我 芳光 (小倉記念病院循環器内科)

## AHA-JCS Joint Symposium

March 10 (Fri) 13 : 30—15 : 00

Room 10 (Fukuoka International Congress Center 4F 409+410)

### AHA-JCS Joint Symposium: Diversity in Cardiovascular Disease

Chairpersons :

Michelle A. Albert (University of California, USA)

Yayoi Tsukada (Tetsuo) (FJCS) (Nippon Medical School Musashikosugi Hospital, Kawasaki)

#### 1. Consideration of Gender in Our Daily Cardiology Practice

Chizuko Kamiya (National Cerebral and Cardiovascular Center, Suita)

#### 2. Is Diversity in Health Professionals Important for Patient's Outcomes?

Atsuko Nakayama (FJCS) (Sakakibara Heart Institute, Tokyo)

#### 3. Achieving Equity in CV Medicine

Michelle A. Albert (University of California, USA)

#### 4. Achieving Woman's Equity in Academic Medicine

Elena Aikawa (Brigham and Women's Hospital, Harvard Medical School, USA)

## APSC-JCS Joint Symposium

March 10 (Fri) 16 : 00—17 : 30

Room 10 (Fukuoka International Congress Center 4F 409+410)

### APSC-JCS Joint Symposium: Intracoronary Imaging: What's New

Chairpersons :

Khung Keong Yeo (National Heart Centre Singapore, Singapore)

Junya Ako (FJCS) (Kitasato University School of Medicine, Sagami-hara)

#### 1. NIRS IVUS: Current Status and Future Direction

Kohei Koyama (Cardiology, Kyorin University Hospital, Mitaka)

#### 2. OCT Guided Diagnosis and Treatment of Acute Coronary Syndrome

Yoshiyasu Minami (Department of Cardiovascular Medicine, Kitasato University, Sagami-hara)

#### 3. OCT Guidance and Optimization for Complex PCI

Byeong Keuk Kim (Severance Cardiovascular Hospital, Yonsei University College of Medicine, Korea)

#### 4. Concurrent Intracoronary Imaging and Physiology "Hybrid 2 in 1"

Chen Ting Tan (Sarawak Heart Centre, Malaysia)

## Young Investigator's Award Finalists Lectures (Basic Research)

### Young Investigator's Award 審査講演会 (Basic Research 部門)

March 10 (Fri) 13 : 30—15 : 30

Room 11 (Fukuoka International Congress Center 4F 413+414)

Chairperson :

Toyoaki Murohara (FJCS) (Nagoya University, Aichi)

#### 1. Mechanistic Basis Underlying Mitochondria-dependent Ferroptosis in Doxorubicin-induced Cardiotoxicity

Ko Abe (Department of Cardiovascular Medicine, Faculty of Medical Sciences, Kyushu University, Fukuoka)

#### 2. ZBP1 Protects against Mitochondrial DNA-induced Myocardial Inflammation in Failing Hearts by Suppressing RIPK3-NF- $\kappa$ B Pathway

Nobuyuki Enzan (Department of Cardiovascular Medicine, Faculty of Medical Sciences, Kyushu University, Fukuoka)

#### 3. Lack of CCL3 by Aging is a Cause of Age-related Cardiac Dysfunction

Tsukasa Oshima (Department of Cardiovascular Medicine, the University of Tokyo, Tokyo)

#### 4. Inhibition of TRPC3/6 Ameliorates Pulmonary Arterial Hypertension in Rodents

Kenji Moriuchi (Department of Cardiovascular Medicine, Kyoto University, Graduate School of Medicine, Kyoto)

## Late Breaking Cohort Studies 1 (Surg/SHD)

March 10 (Fri) 13 : 30 – 15 : 05

Room 5 (Fukuoka International Congress Center 3F Main Hall)

### Structural Heart Disease and Emergency Care

#### Chairpersons :

Takafumi Sakamoto (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka)

Kenji Minatoya (Department of Cardiovascular Surgery, Kyoto University, Kyoto)

#### Commentators :

Kentaro Hayashida (FJCS) (Department of Cardiology, Keio University School of Medicine, Tokyo)

Kazuo Sakamoto (Cardiovascular Medicine, Kyushu University Hospital, Fukuoka)

Tomohiro Sakamoto (FJCS) (Division of Cardiology, Saiseikai Kumamoto Hospital Cardiovascular Center, Kumamoto)

#### 1. Outcomes of Transcatheter Aortic Valve Implantation for Failed Surgical Bioprosthesis: Insights from the OCEAN-TAVI TAV-in-SAV Cohort

Yohei Ohno (Department of Cardiology, Tokai University School of Medicine, Isehara)

#### 2. Transcatheter Aortic Valve Implantation for Dialysis Patients: Insights from the OCEAN-TAVI Dialysis Cohort

Taku Inohara (Department of Cardiology, Keio University School of Medicine, Tokyo)

#### 3. Long-term Assessment of Survival after Transcatheter Aortic Valve Implantation

Noriaki Moriyama (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)

#### 4. Initial Japanese Multicenter Experience and Age-Related Outcomes Following Left Atrial Appendage Closure: Insight from the OCEAN-LAAC Registry

Masahiko Asami (Division of Cardiology, Mitsui Memorial Hospital, Tokyo)

#### 5. Prognostic Risk Stratification after Out-of-hospital Cardiac Arrest by Using Pre-hospital Resuscitation Features: Analysis of All-Japan Utstein Registry Data

Takenobu Shimada (Department of Cardiovascular Medicine, Osaka Metropolitan University Graduate School of Medicine, Osaka)

#### 6. Second-generation Low-dose Drug-coated Balloon versus High-dose Drug-coated Balloon for Symptomatic Femoropopliteal Artery Disease: The Result from the PROSPECT-MONSTER Study

Tatsuya Nakama (Department of Cardiology, Tokyo Bay Medical Center, Urayasu)

## Featured Research Session 1 (IHD)

March 10 (Fri) 13 : 30 – 15 : 00

Room 9 (Fukuoka International Congress Center 2F 204)

### Cohort Study

#### Chairpersons :

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

Kengo Kusano (FJCS) (Department of Cardiovascular Center, National Cerebral and Cardiovascular Center, Suita)

#### Discussants :

Yoshihide Takahashi (Department of Cardiology, Shin-Yurigaoka General Hospital, Kawasaki)

Takafumi Oka (Department of Cardiology, Osaka University Graduate School, Suita)

#### FRS1-1 Major Bleeding Increases the Risk of Cardiovascular Events in Atrial Fibrillation Patients: Insights from the SAKURA AF and RAFFINE Registry

Hideki Wada (Department of Cardiovascular Medicine, Juntendo University Shizuoka Hospital, Izunokuni)

#### FRS1-2 Prediction of Future Coronary Events with the Novel Index Reflecting the Density of Lipidic Plaque Materials: The Multi-center REASSURE-NIRS Registry

Yu Kataoka (Department of Cardiovascular Medicine, National Cerebral & Cardiovascular Center, Suita)

#### FRS1-3 IABP among the Shockable Out-of-hospital Cardiac Arrest Patients: A Propensity-Weighted Analysis

Satoshi Yoshimura (Department of Preventive Services, Kyoto University Graduate School of Medicine, Kyoto)

#### FRS1-4 In-hospital Outcomes after SAVR or TAVI in Patients with Severe Aortic Stenosis

Yasuaki Takeji (Department of Cardiovascular Medicine, Kanazawa University Graduate School of Medical Sciences, Kanazawa)

#### FRS1-5 Cardiac Biomarkers Predict Future Cardiovascular Events in Stable Coronary Artery Disease Patients Treated with Pitavastatin ~The REAL CAD Sub-study~

Yoshiaki Mitsutake (Division of Cardiovascular Medicine, Kurume University School of Medicine, Kurume)

#### FRS1-6 Long-term Mortality and Complications among Patients with Deep Vein Thrombosis or Pulmonary Embolism Prescribed Direct Oral Anticoagulants or Warfarin (DIANA-DVT/PE)

Masanari Kuwabara (Department of Cardiology, Toranomon Hospital, Tokyo)

## Featured Research Session 2 (Arrhythmia)

March 10 (Fri) 16 : 00—17 : 30  
Room 9 (Fukuoka International Congress Center 2F 204)

### EP

#### Chairpersons :

Tetsuo Sasano (FJCS) (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)  
Kyoko Soejima (FJCS) (Department of Cardiovascular Medicine, Kyorin University, Tokyo)

#### Discussants :

Noriko Nonoguchi (Department of Cardiovascular Medicine, Kyorin University, Mitaka)  
Yuki Komatsu (Department of Cardiology, University of Tsukuba Hospital, Tsukuba)

- FRS2-1 Coronary Events in Elderly Patients with Non-valvular Atrial Fibrillation: A Prespecified Subanalysis of Data from the ANAFIE Registry**  
Masato Nakamura (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)
- FRS2-2 iPS Cell-derived Sinoatrial Nodal Cardiomyocyte Model of Familial Sinus Node Dysfunction with a Large Intergenic Deletion between PITX2 and ANK2**  
Takanori Aizawa (Department of Cardiovascular Medicine, Kyoto University, Kyoto)
- FRS2-3 The Impact of Procedural Factors on the Lesion Characteristics Associated with AF Recurrence: Late-gadolinium Enhancement Magnetic Resonance Imaging (LGE-MRI) Analysis**  
Hiroyuki Takahara (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- FRS2-4 MMP-7 and ADAMTS13 are Novel Protein Biomarkers for Predicting Advanced Atrial Fibrotic Remodeling in Patients with Atrial Fibrillation**  
Ryosuke Osako (Department of Cardiovascular Medicine, Saga University, Saga)
- FRS2-5 Pulmonary Vein Stenosis after Catheter Ablation of Atrial Fibrillation Using a Cryoballoon, Hotballoon, or Laser Balloon**  
Michifumi Tokuda (Department of Cardiology, The Jikei University School of Medicine, Tokyo)
- FRS2-6 Simple Approach to Determine Additional Substrate Ablation in Patients with Persistent Atrial Fibrillation: Insight from EARNEST-PVI Trial**  
Yasuharu Matsunaga-Lee (Division of Cardiology, Osaka Rosai Hospital, Sakai)

## Oral Presentation (English) 14 (HF/CM)

March 10 (Fri) 13 : 30—14 : 50  
Room 2 (Fukuoka Sunpalace 2F Palace Room A)

### Structural Heart Disease 1

#### Chairpersons :

Masao Daimon (FJCS) (Department of Clinical Laboratory, The University of Tokyo Hospital, Tokyo)  
Takeshi Arita (Department of Cardiology, Fukuoka Wajiro Hospital, Fukuoka)

#### Discussants :

Yasushi Yoshikawa (Division of Cardiovascular Surgery, Tottori University, Yonago)  
Mike Saji (Division of Cardiovascular Medicine, Department of Internal Medicine, Toho University Faculty of Medicine, Tokyo)

- OE14-1 Coronary Access and Feasibility of Redo TAVR in Japanese Patients Treated with Balloon-expandable Valve**  
Yoshiki Matsuo (Department of Cardiology, Kishiwada Tokushukai Hospital, Kishiwada)
- OE14-2 Impact of Prior Heart Failure Hospitalization on Clinical Outcomes of Patients after Transcatheter Aortic Valve Implantation: Insights from LAPLACE Registry**  
Motoki Fukutomi (Department of Cardiology, Kawasaki Saiwai Hospital, Kawasaki)
- OE14-3 Transcatheter Aortic Valve Replacement in Borderline Annulus Size with Self- and Balloon-expandable Valves**  
Hirokazu Miyashita (Shonan Kamakura General Hospital, Kamakura)
- OE14-4 Prognostic Impact of Echographic Parameters Regarding Diastolic Dysfunction in Patients with Preserved Ejection Fraction Undergoing TAVI: Insights from LAPLACE-TAVI Registry**  
Soshi Moriya (Department of Cardiovascular Biology and Medicine, Juntendo University, Graduate School of Medicine, Tokyo)
- OE14-5 Incidence, Mechanism, and Clinical Outcomes of Left Ventricular Outflow Tract Obstruction after Transcatheter Aortic Valve Implantation**  
Hikaru Tsuruta (Department of Laboratory Medicine, Keio University School of Medicine, Tokyo)

- OE14-6 Five-Year Outcomes with Self-expanding versus Balloon-expandable Transcatheter Aortic Valve Replacement in Patients with Small Annuli: A Propensity-score Matched Comparison**  
Taishi Okuno (Department of Cardiology, St. Marianna University Hospital, Kawasaki)
- OE14-7 Lower Skeletal Muscle Volume Measured by Computed Tomography is Associated with Adverse Clinical Events in Elderly Patients with Aortic Stenosis**  
Ryota Ando (Department of Cardiology, Yamanashi University Hospital, Yamanashi)
- OE14-8 The Fifteen Year Journey of Aortic Valve Reconstruction (Ozaki Procedure)**  
Shigeyuki Ozaki (Department of Cardiovascular Surgery, Toho University Ohashi Medical Center, Tokyo)

## Oral Presentation (English) 15 (IHD)

March 10 (Fri) 13 : 30—15 : 00  
Room 4 (Fukuoka Sunpalace 2F Heian)

### Atherosclerosis Clinical 1

#### Chairpersons :

Tetsuro Miyazaki (Department of Cardiology, Juntendo Urayasu Hospital, Chiba)  
Jiro Ikeda (Department of Cardiology, Munakata Suikokai General Hospital, Fukuoka)

#### Discussants :

Hayato Tada (Department of Cardiology, Kanazawa University, Kanazawa)  
Manabu Uematsu (Department of Cardiology, Yamanashi University, Chuo)

- OE15-1 Effects of Interleukin-6 Inhibition with Ziltivekimab in Patients at High Risk of Atherosclerotic Events in Japan: Phase 2 RESCUE-2 Trial**  
Kosei Eguchi (Novo Nordisk Pharma Ltd., Tokyo)
- OE15-2 The ATX Criteria Revised in 2022 JAS Guideline is Associated with MACE in Patients with Coronary Heart Disease (CHD)**  
Shintaro Yoneyama (Department of Cardiovascular Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata)
- OE15-3 Aortic Vulnerable Plaques Detected by Non-obstructive General Angioscopy and Serum Lipoprotein(a) Value**  
Keisuke Kojima (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)
- OE15-4 Effects of Pitavastatin/Ezetimibe Fixed-dose Combination (K-924) on Cholesterol Synthesis and Absorption Markers: Double-masked, Randomized, Placebo-controlled, Parallel-group Comparison Trial**  
Kenichi Tsujita (FJCS) (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)
- OE15-5 Febuxostat versus Allopurinol for Cardiovascular Outcomes: A Meta-Analysis of 2 Large Prospective Studies and 2 National-Wide Cohorts**  
Itaru Hisauchi (Department of Cardiology, Dokkyo Medical University Saitama Medical Center, Koshigaya)
- OE15-6 Reduced Blood Flow Velocity during Flow-mediated Dilation Measurements in Diabetic Patients: The FMD-J B Study**  
Nobuyuki Masaki (Department of Intensive Care Medicine, National Defense Medical College Hospital, Tokorozawa)
- OE15-7 Association between Aortic Wall Thickness on Contrast-enhanced Computed Tomography and Plaque Ruptures Identified by Non-obstructive General Angioscopy**  
Masatsugu Miyagawa (Department of Cardiology, Nihon University School of Medicine, Tokyo)
- OE15-8 Angioscopic Findings of Third-Generation COMBO Stents in Coronary Arteries after Implantation with Whole-Blood Platelet-Aggregatory-Threshold-Index Determined at the Time of Implantation**  
Michitomo Nishioka (Department of Cardiology, Chiba Nishi General Hospital, Matsudo)
- OE15-9 Lipoprotein(a) is a Residual Risk Factor for the Atherosclerotic Cardiovascular Events in Patients with Hypercholesterolemia**  
Ko Sugiyama (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

## Oral Presentation (English) 16 (IHD)

March 10 (Fri) 13 : 30—15 : 00

Room 13 (Fukuoka International Congress Center 4F 412)

### CCS 1

#### Chairpersons :

Kunio Morishige (Matsuyama Red Cross Hospital, Department of Cardiovascular Medicine, Matsuyama)  
Takashi Muramatsu (Department of Cardiology, Fujita Health University Hospital, Toyoake)

#### Discussants :

Masatsugu Nozoe (Division of Cardiology, Saiseikai Fukuoka General Hospital, Fukuoka)  
Takaharu Nakayoshi (Division of Cardiovascular Medicine, Kurume University, Fukuoka)

#### OE16-1 Probability of Obstructive Coronary Artery Disease in High-risk Japanese Patients with Chest Pain or Dyspnea: The ANOX and EXCEED-J Studies

Hiromichi Wada (National Hospital Organization Kyoto Medical Center, Kyoto)

#### OE16-2 Machine Learning Approach to Predict Coronary Artery Disease

Ji Young Park (Nowon Eulji Medical Center, Seoul, Korea)

#### OE16-3 Clinical Outcomes of Coronary Vasospastic Angina Presenting with Acute Coronary Syndrome

Tagayasu Anzai (Tokyo Metropolitan Tama Medical Center, Fuchu)

#### OE16-4 Study of Acoustic Features in Pre and Post Percutaneous Coronary Intervention

Takahiro Hayashi (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)

#### OE16-5 Association between Academic Research Consortium for High Bleeding Risk Criteria and Clinical Outcome in Patients with Stable Coronary Artery Disease

Ayaka Ono (Department of Cardiology, Kagoshima City Hospital, Kagoshima City)

#### OE16-6 Diagnostic Concordance and Discordance between Angiography-Based QFR and FFRCT in Complex Coronary Artery Disease

Hideyuki Kawashima (Department of Medicine, Teikyo University School of Medicine, Tokyo)

#### OE16-7 Simultaneous Assessment of Coronary Flow Reserve and Left Ventricular Strain during Vasodilator Stress by <sup>13</sup>N-ammonia Positron Emission Tomography/Magnetic Resonance Imaging

Takatoyo Kiko (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

#### OE16-8 Case Series of Intracoronary Acetylcholine Rechallenge to Diagnose Epicardial and Microvascular Coronary Vasospasm

Yoshiyuki Okuya (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)

#### OE16-9 Differences in Clinical and Angiographic Characteristics Following Intracoronary Ergonovine and Acetylcholine Provocation Test for Coronary Artery Spasm

Seung-Woon Rha (Korea University Guro Hospital, Seoul, Korea)

## Oral Presentation (English) 17 (HF/CM)

March 10 (Fri) 13 : 30—15 : 00

Room 15 (Fukuoka International Congress Center 5F 502)

### HF CRT/ICD 1

#### Chairpersons :

Toshiaki Sato (Division of Advanced Arrhythmia Management, Kyorin University School of Medicine, Mitaka)  
Wook-Jin Chung (Cardiovascular Medicine, Gachon University College of Medicine, Korea)

#### Discussants :

Makoto Saito (Department of Cardiology, Kitaishikai Hospital, Ozu)  
Arihide Okahara (Department of Cardiology, Fukuoka Red Cross Hospital, Fukuoka)

#### OE17-1 Prolonged T-peak to T-end Interval Predicts Implantable Cardioverter-Defibrillator Therapy in Patients with Cardiac Sarcoidosis

Shohei Kataoka (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

#### OE17-2 Propensity Score-matched Comparison of Clinical Outcomes between Subcutaneous Implantable Cardioverter-defibrillator with SMART Pass Technology and Transvenous Implantable Cardioverter-defibrillator Therapy

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

#### OE17-3 Implication of Ventricular Arrhythmia Substrate as a Prognostic Marker of Cardiac Resynchronization Therapy

Nobuhiko Ueda (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

- OE17-4 CRT could not Modify the Arrhythmic Substrate in Patients with PrVIOUS Ventricular Tachycardia/Fibrillation**  
Junichi Kamoshida (National Cerebral and Cardiovascular Center, Suita)
- OE17-5 Association of Risk Factors and Cardiac Outcomes in Patients with Primary Prevention of Sudden Cardiac Death HINODE Study Sub Analysis**  
Hiroshi Hayashi (Department of Cardiology, Nippon Medical School, Tokyo)
- OE17-6 Difference in Characteristics between Patient with and without Dialysis Who Received Secondary Prevention Implantable Cardioverter Defibrillator -From a JROAD-DPC Registry-**  
Kosuke Nakasuka (Department of Cardiology, Nagoya City University Graduate School of Medical Sciences, Nagoya)
- OE17-7 Long-Term Prognosis of Upgrading to Cardiac Resynchronization Therapy as Compared with Conventional Single Chamber Right Ventricular Pacing**  
Kazuki Matsuda (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE17-8 CONUT (Controlling Nutritional Status) Score Predicts Hospitalization for Heart Failure in Patients with Chronic Heart Failure Following Cardiac Resynchronization Therapy**  
Yuma Ono (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Yufu)
- OE17-9 Risk Factor of Additional Lead Insertion after ICD/CRT-D Implantation**  
Rhythm Wada (Department of Cardiovascular Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata)

## Oral Presentation (English) 18 (Arrhythmia)

March 10 (Fri) 16 : 00—17 : 30  
Room 2 (Fukuoka Sunpalace 2F Palace Room A)

### Atrial Substrate 1

Chairpersons :

Takanori Yamaguchi (Department of Cardiovascular Medicine, Saga University, Saga)  
Kunihiko Kiuchi (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

Discussants :

Tomoyuki Shiozawa (Department of Cardiovascular Medicine, Juntendo University Shizuoka Hospital, Izunokuni)  
Takeshi Machino (Department of Cardiology, University of Tsukuba, Tsukuba)

- OE18-1 Catheter Ablation Approach Targeting Epicardial Connection to the Right Pulmonary Vein Antrum Detected before Pulmonary Vein Isolation**  
Yosuke Nakatani (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Maebashi)
- OE18-2 Anatomical Assessment for Safety Isolation of Superior Vena Cava**  
Seigo Yamashita (Department of Cardiology, The Jikei University School of Medicine, Tokyo)
- OE18-3 Incidence and Electrical Characteristics of the Epicardial Connection between the Pulmonary Veins and Adjacent Structures**  
Chihiro Ota (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)
- OE18-4 Better Clinical Outcome of Anatomical and Electrophysiological Linear-Lesions in Addition to Ethanol-infusion to the VOM in Very Long-standing Atrial Fibrillation**  
Eiko Sakai (Department of Cardiology, Tokyo Medical and Dental University, Tokyo)
- OE18-5 Efficacy and Durability of Ethanol Infusion into the Vein of Marshall on Posterior Wall Isolation in Atrial Fibrillation Ablation**  
Masayuki Ishimura (Department of Cardiology, Kimitsu Central Hospital, Kisarazu)
- OE18-6 Impact of Atrial Fibrillation Triggers on the Outcome of a Second Catheter Ablation of Non-paroxysmal Atrial Fibrillation**  
Masaya Shinohara (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)
- OE18-7 Utility of A Marshall Vein Computed Tomography Imaging before the Chemical Ablation for Atrial Fibrillation**  
Kento Tamano (Department of Cardiology, Hokkaido University, Sapporo)
- OE18-8 The Prevalence and Influence to Pulmonary Vein Isolation of Epicardial Connection in Atrial Fibrillation Patients**  
Kentaro Hayashi (Department of Cardiology, Ageo Central General Hospital, Ageo)
- OE18-9 Chronic Outcomes of Superior Vena Cava Isolation Using 50-W High Power, Short Duration Ablation Strategy**  
Junichi Doi (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)



## Oral Presentation (English) 19 (HF/CM)

March 10 (Fri) 16:00–17:20  
Room 4 (Fukuoka Sunpalace 2F Heian)

### Nuclear Cardiology/CT/MRI 1

#### Chairpersons :

Masanao Naya (Kita 5 Jyodori Naika Jyunkanki Clinic, Sapporo)  
Naoyuki Yokoyama (Department of Cardiology, Teikyo University, Tokyo)

#### Discussants :

Takeo Fujino (Department of Advanced Cardiopulmonary Failure, Kyushu University, Fukuoka)  
Toshiro Kitagawa (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima)

- OE19-1 DNA Damage, Myocardial Fibrosis and Cardiovascular Magnetic Resonance for Predicting Left Ventricular Functional Recovery in Recent-onset Dilated Cardiomyopathy**  
Mizuki Ida (Department of Cardiology and Nephrology, Mie University Graduate School of Medicine, Tsu)
- OE19-2 Left Ventricular Extracellular Volume Assessed Using CMR Associated with Heart Failure Admissions and Ventricular Arrhythmias in Patients with Non-ischemic Cardiomyopathy**  
Susumu Tao (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)
- OE19-3 Usefulness of Right Ventricular Longitudinal Strain and Left Atrial Strain to Predict Cardiovascular Events in Patients with Heart Failure**  
Masataka Katahira (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)
- OE19-4 Upright CT Assess Saphenous Vein Valve and Potentially Improve Graft Assessment for Bypass Surgery**  
Takehiro Nakahara (Department of Radiology, Keio University School of Medicine, Tokyo)
- OE19-5 Hemodynamic Analysis of Pulmonary Artery for Congenital Right-Side Heart Disease in Adulthood by 4D-Flow MRI**  
Akio Inage (Department of Pediatrics, Japanese Red Cross Medical Center, Tokyo)
- OE19-6 Preprocedural Simulation of MitraClip® Manipulation on Computed Tomography Image**  
Akihiko Miyata (Department of Cardiology, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)
- OE19-7 Indexed Left Ventricular Extracellular Volume is Useful for Predicting Reverse Remodeling after Catheter Ablation for Atrial Fibrillation**  
Makiko Kinoshita (Department of Cardiology, Chiba University Hospital, Chiba)
- OE19-8 Virtual Monoenergetic Settings in Latest Spectral-CT with Dual-layer-Detector Differentiate Contrast Defect in Left-Atrial-Appendage from Pectinate-Muscles and Thrombi in Atrial-Fibrillation Patients**  
Shogo Haruki (Department of Cardiology, Chiba Nishi General Hospital, Matsudo)

## Oral Presentation (English) 20 (PDC/Divers/PH)

March 10 (Fri) 16:00–17:30  
Room 12 (Fukuoka International Congress Center 4F 411)

### Thromboembolism/Thrombolysis 1

#### Chairpersons :

Kikuo Isoda (FJCS) (Department of Cardiology, Juntendo University Nerima Hospital, Tokyo)  
Shiro Adachi (Department of Cardiology, Nagoya University Hospital, Nagoya)

#### Discussants :

Hirotoishi Watanabe (Department of Cardiology, Hirakata Kohsai Hospital, Hirakata)  
Hidekazu Ikemiyagi (Department of Cardiovascular Medicine, Nephrology and Neurology, Graduate School of Medicine, University of the Ryukyus, Okinawa)

- OE20-1 A Retrospective Study of the Prognosis of Pregnant Women Treated with Subcutaneous Unfractionated Heparin**  
Norimichi Koitabashi (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)
- OE20-2 Fibrin Degradation Products Aid Risk Stratification of Subsequent Strokes and Thromboembolic Events in Patients Undergoing Anticoagulation Therapy for Atrial Fibrillation**  
Kentaro Goto (Tokyo Medical and Dental University Hospital, Tokyo)
- OE20-3 The Incidence of Occult Cancer after Diagnosis of Venous Thromboembolism in the Current Era: From the COMMAND VTE Registry-2**  
Yugo Yamashita (Department of Cardiovascular Medicine, Graduate School of Medicine, Kyoto University, Kyoto)

- OE20-4 Actual Management of Venous Thromboembolism Complicated by Antiphospholipid Antibody Syndrome in Japan. From the COMMAND VTE Registry-2**  
Takahiro Kuno (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)
- OE20-5 Risk Factors of Bleeding during Anticoagulation Therapy for Cancer-associated Venous Thromboembolism in the DOAC Era: From the COMMAND VTE Registry-2**  
Seiichi Hiramori (Department of Cardiology, Shinonoi General Hospital, Nagano)
- OE20-6 Chronic Thromboembolic Pulmonary Hypertension after Acute Pulmonary Embolism in the Era of Direct Oral Anticoagulants: From the COMMAND VTE Registry-2**  
Nobutaka Ikeda (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)
- OE20-7 Clinical Characteristics and Outcome of Critical Acute Pulmonary Embolism Requiring Extracorporeal Membrane Oxygenation: From the COMMAND VTE Registry-2**  
Kensuke Takabayashi (Hirakata Kohsai Hospital, Hirakata)
- OE20-8 Low Left Atrial Appendage Flow Velocity Predicts Treatment Failure in Patients with Left Atrial Thrombi: Insight from the LAT Trial**  
Masato Okada (Cardiovascular Center, Sakurabashi Watanabe Hospital, Osaka)
- OE20-9 Validation of a Unique Pretest Probability Score for Deep Vein Thrombosis before Surgery**  
Yuki Hamamoto (Department of Cardiovascular Medicine and Hypertension, Graduate School of Medicine, Kagoshima University, Kagoshima)

## Oral Presentation (English) 21 (IHD)

March 10 (Fri) 16 : 00 – 17 : 20

Room 13 (Fukuoka International Congress Center 4F 412)

### PCI Prognosis

#### Chairpersons :

Teruo Noguchi (FJCS) (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)  
Yukiko Morita (Department of Cardiology, National Hospital Organization Sagami Hospital, Sagami, Kanagawa)

#### Discussants :

Ayaka Endo (The Department of Cardiology, Tokyo Saiseikai Central Hospital, Tokyo)  
Yohsei Sotomi (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

- OE21-1 Impact of Ejection Fraction Improvement after Percutaneous Revascularization for Chronic Total Occlusion in Patients with Left Ventricular Dysfunction**  
Hiroyuki Tanaka (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)
- OE21-2 The LDL-C/ApoB Ratio and Cardiovascular Outcomes in Japanese Patients after Percutaneous Coronary Intervention: From the FU-Registry**  
Yuto Kawahira (Department of Cardiology, Fukuoka University School of Medicine, Fukuoka)
- OE21-3 The Incidence and Long-term Outcomes of Coronary Artery Perforation during Percutaneous Coronary Intervention**  
Toshiki Chishiki (Department of Cardiology, Saiseikai Yokohama City Eastern Hospital, Yokohama)
- OE21-4 Dual Antithrombotic Therapy can Reduce Bleeding Complications in Atrial Fibrillation Patients for the 14 Days after PCI**  
Shota Saito (Department of Cardiology, Toho University Ohashi Medical Center, Tokyo)
- OE21-5 Comparison between Bleeding Risk Scores of Diagnostic Ability for Predicting Major Bleeding Events in Patients Undergoing Percutaneous Coronary Intervention**  
Hirokazu Shimono (Department of Cardiology, Kagoshima Kouseiren Hospital, Kagoshima City)
- OE21-6 The Relationship between Liver Fibrosis Status and Future Risk of Percutaneous Coronary Intervention in Patients with Nonalcoholic Fatty Liver Disease**  
Naoki Shibata (Department of Cardiology, Ogaki Municipal Hospital, Ogaki)
- OE21-7 Volume-Outcome Relationships of Percutaneous Coronary Intervention in Patients Presenting with Acute Myocardial Infarction: Insights from the J-PCI Registry**  
Yuichi Saito (Department of Cardiovascular Medicine, Chiba University Hospital, Chiba)
- OE21-8 Comparison of 1-Month Adequate Stent Coverage and Thrombogenicity Following Four Different Coronary Stents -Coronary Angioscopy and Optical Coherence Tomography Study-**  
Daisuke Nakamura (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

## Oral Presentation (English) 22 (Surg/SHD)

March 10 (Fri) 16 : 00—17 : 30

Room 15 (Fukuoka International Congress Center 5F 502)

### Structural Heart Disease 2

#### Chairpersons :

Takahiro Katsumata (Department of Thoracic and Cardiovascular Surgery, Osaka Medical and Pharmaceutical University, Takatsuki)

Yasuhiro Ichibori (Department of Cardiovascular Medicine, Osaka Police Hospital, Osaka)

#### Discussants :

Toshiaki Yamanaka (Department of Cardiology, Tsuyama Chuo Hospital, Tsuyama)

Masanori Yamamoto (Department of Cardiology, Toyohashi Heart Center, Toyohashi)

#### OE22-1 Impact of Subclinical Coronary Cusp Thrombosis in Patients with Transcatheter Aortic Valve Implantation (TAVI)

Nobuyuki Takahashi (Department of Cardiology, Harima-Himeji General Medical Center, Himeji)

#### OE22-2 Human Epididymis Protein 4 is a Useful Prognostic Predictor of Postoperative Patients with Severe Aortic Stenosis

Fumihiko Ogata (Department of Cardiology, Kumamoto University Hospital, Kumamoto)

#### OE22-3 Mid-term Outcome after Transcatheter Aortic Valve Replacement in Patients with Dementia: An Insight from the LAPLACE-TAVI Registry

Takashi Funaki (Department of Cardiology, Sakakibara Heart Institute, Fuchu)

#### OE22-4 The Role of von Willebrand Factor, Platelet Adhesion, and Oxidative Stress in Aortic Stenosis

Koya Ozawa (Sydney Medical School, Faculty of Medicine and Health, The University of Sydney, Nepean Hospital, Sydney, Australia)

#### OE22-5 Impact of Left Ventricular Hypertrophy on Brain Natriuretic Peptide Changes in Patients Undergoing Transcatheter Aortic Valve Replacement

Koki Takegawa (Department of Cardiology, Kameda Medical Center, Kamogawa)

#### OE22-6 Identifying Patients with Aortic Stenosis Using an Electrocardiogram with Convolutional Neural Network

Daiki Kishigami (The Cardiovascular Institute, Department of Cardiovascular Medicine, Tokyo)

#### OE22-7 Vector Flow Mapping Analysis and Association with Left Ventricular Contractile Reserve Using Exercise Stress Echocardiography in Chronic Aortic Regurgitation

Masashi Amano (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

#### OE22-8 Clinical Implication of Derived Neutrophil to Lymphocyte Ratio in Patients Undergoing Transcatheter Aortic Valve Replacement

Mitsumasa Sudo (Department of Medicine II, University Hospital Bonn, Bonn, Germany)

#### OE22-9 Long-Term Outcome after Aortic Valve Replacement in Hemodialysis Patients with Aortic Stenosis

Shohei Yamada (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)

## Oral Presentation (English) 23 (Arrhythmia)

March 10 (Fri) 17 : 40—18 : 40

Room 4 (Fukuoka Sunpalace 2F Heian)

### AF ABL 2

#### Chairpersons :

Yoshiyasu Aizawa (Department of Cardiology, International University of Health and Welfare Narita Hospital, Chiba)

Kazuhiro Yajima (Department of Cardiology, Nagoya City University West Medical Center, Nagoya)

#### Discussants :

Toyokazu Otsubo (Department of Cardiology, Saga University, Saga)

Hiroshi Kawakami (Department of Cardiology, Pulmonology, Nephrology and Hypertension, Ehime University Graduate School of Medicine, Toon)

#### OE23-1 Predictors and Impact of Pulmonary Vein Non-reconnection in the Second Procedure after Ablation Index-guided Pulmonary Vein Isolation for Atrial Fibrillation

Hideharu Okamatsu (Department of Cardiology, Cardiovascular Center, Saiseikai Kumamoto Hospital, Kumamoto)

#### OE23-2 Impact of the Morphology-Voltage-P-wave Duration Score on the Outcome of Catheter Ablation of Persistent Atrial Fibrillation

Ryo Wada (Division of Cardiovascular Medicine, Department of Internal Medicine, Toho University Faculty of Medicine, Tokyo)

- OE23-3 Pathophysiology of Recurrent AF/AFL after Initial Cryoballoon Ablation and Clinical Outcome of Repeat Ablation**  
Shigetoshi Sakabe (Department of Cardiology, Ise Red Cross Hospital, Ise)
- OE23-4 Comparison of Spatio-temporal Dispersion Area Ablation and Low Voltage Area Ablation in Patients with Persistent Atrial Fibrillation**  
Yutaro Kaneko (Division of Cardiology, Internal Medicine III, Hamamatsu University School of Medicine, Hamamatsu)
- OE23-5 The Safety and Effectiveness of Rotor Ablation in Right Atrium after Pulmonary Vein Isolation for Persistent Atrial Fibrillation**  
Akihiro Yoshida (Department of Cardiology, Kita-Harima Medical Center, Ono)
- OE23-6 Posterior Wall Thickness of the Confluent Inferior Pulmonary Veins Measured by Left Atrial Intracardiac Echocardiography: Implications for Catheter Ablation**  
Kodai Negishi (Department of Cardiology, Saiseikai Kumamoto Hospital, Kumamoto)

## Oral Presentation (English) 24 (Arrhythmia)

March 10 (Fri) 17 : 40—18 : 40

Room 5 (Fukuoka International Congress Center 3F Main Hall)

### AF ABL Balloon

#### Chairpersons :

Yasushi Mukai (FJCS) (Cardiology, Japanese Red-Cross Fukuoka Hospital, Fukuoka)

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

#### Discussants :

Hidehira Fukaya (Department of Cardiovascular Medicine, Kitasato University School of Medicine, Sagami-hara)

Kazuo Sakamoto (Cardiovascular Medicine, Kyushu University Hospital, Fukuoka)

### OE24-1 Comparison of Procedural Efficacy between Two Cryoballoon Technologies for Pulmonary Vein Isolation

Takahiro Hayashi (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)

### OE24-2 Additional Cryoballoon-Based Ablation beyond Pulmonary Vein Isolation for Non-Paroxysmal Atrial Fibrillation: Can Left Atrial Roof Line Ablation be Sufficient Treatment?

Yuichirou Sagawa (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)

### OE24-3 Investigation of Clinical Features Needed Second Ablation Procedure for Recurrent Atrial Fibrillation Primary Treated Cryoballoon Ablation

Honsa Kang (Department of Cardiology, Miyazaki Medical Association Hospital, Miyazaki)

### OE24-4 Evaluation of the Pulmonary Vein Isolation Area Using a 3D Mapping System - 1st Generation vs. 3rd Generation Laser Balloon

Takashi Kanda (Division of Cardiology, Osaka Police Hospital, Osaka)

### OE24-5 Temperature Cut-off Value to Predict Acute Pulmonary Vein Isolation Using Novel Cryoballoon Catheter

Yutaka Yoshino (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)

### OE24-6 One-way Cryoablation on the Roof of the Left Atrium Using a Push Button

Norikazu Watanabe (Kantou Rousai Hospital, Kanagawa)

## Oral Presentation (English) 25 (PDC/Diversers/PH)

March 10 (Fri) 17 : 40—19 : 00

Room 6 (Fukuoka International Congress Center 2F 201)

### Thromboembolism/Thrombolysis 2

#### Chairpersons :

Hirofumi Tomita (FJCS) (Department of Cardiology and Nephrology, Hirosaki University Graduate School of Medicine, Hirosaki)

Masahisa Shimo (FJCS) (Division of Cardiovascular Medicine, Department of Medicine, Jichi Medical University, Shimotsuke, Tochigi)

#### Discussants :

Yu Taniguchi (Department of Cardiology, Kobe University, Kobe)

Hiroto Yabushita (Department of Cardiology, New Tokyo Hospital, Chiba)

### OE25-1 Evaluation of Rivaroxaban for Isolated Calf Deep Vein Thrombosis with a Recurrent Risk of Thrombosis: From ISE CALF DVT Study

Yoshito Ogihara (Department of Cardiology and Nephrology, Mie University Graduate School of Medicine, Tsu)

- OE25-2 Clinical Characteristics, Anticoagulation Strategies and Outcomes Comparing Patients with and without History of Venous Thromboembolism: From the COMMAND VTE Registry-2**  
Kosuke Doi (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)
- OE25-3 Relationship between Thrombus Formation Time Estimated by Ultrasonography and Prognosis of VTE in Cancer and Non-Cancer Patients**  
Hiroyuki Naito (Department of Clinical Laboratory, Tsukuba University Hospital, Tsukuba)
- OE25-4 Rivaroxaban Treatment for Asymptomatic Venous Thromboembolism: Insights from the J'xactly Study**  
Shohei Migita (Division of Cardiology, Nihon University Itabashi Hospital, Tokyo)
- OE25-5 Risk Factor for Major Bleeding during Direct Oral Anticoagulant Therapy in Patients with Venous Thromboembolism: From the COMMAND VTE Registry-2**  
Yuki Ueno (Nagasaki University Graduate School of Biomedical Sciences, Nagasaki)
- OE25-6 Utility and Application of Simplified PESI Score for Identification of Low-risk Patients with Pulmonary Embolism in the Era of DOAC**  
Ryusuke Nishikawa (Department of Cardiovascular Medicine, Graduate School of Medicine, Kyoto University, Kyoto)
- OE25-7 Causes of Long-term Mortality in Patients with Venous Thromboembolism in the Real World: From the COMMAND VTE Registry**  
Yugo Yamashita (Department of Cardiovascular Medicine, Kyoto University, Kyoto)
- OE25-8 Effects of the Quality Improvement Project to Prevent in-hospital Venous Thromboembolism on Cancer-Related Thrombosis**  
Norimichi Koitabashi (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

## Oral Presentation (English) 26 (IHD)

March 10 (Fri) 17 : 40 – 19 : 00

Room 7 (Fukuoka International Congress Center 2F 202)

### PCI Imaging/Physiology

Chairpersons :

Shinjo Sonoda (Department of Cardiovascular Medicine, Saga University Faculty of Medicine, Saga)

Shigeki Kimura (Department of Cardiology, Yokohama Minami Kyosai Hospital, Yokohama)

Discussants :

Hirohide Matsuura (Department of Cardiology, Japanese Red Cross Fukuoka Hospital, Fukuoka)

Takayuki Warisawa (Department of Cardiology, NTT Medical Center Tokyo/St. Marianna University School of Medicine, Tokyo)

- OE26-1 Categorization of Layered Coronary Plaque: An Optical Coherence Tomography and Near-infrared Spectroscopy Study**  
Makoto Araki (Tokyo Medical and Dental University, Tokyo)
- OE26-2 Impact of Culprit Plaque Morphology on Clinical Outcome after Drug-coated Balloon Treatment for Patients with Acute Coronary Syndromes**  
Tetsuya Yamamoto (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- OE26-3 Angioscopic Findings of Second- and Third-Generation Stents in Coronary Arteries after Implantation with Platelet-Aggregatory-Threshold-Index Determined at the Time of Implantation**  
Shin Akaza (Department of Cardiology, Chiba Nishi General Hospital Matsudo, Matsudo)
- OE26-4 Predictors on IVUS Findings of Orbital Atherectomy Induced Coronary Artery Injury**  
Nobuhiro Watanabe (Department of Cardiology, Hyogo Prefectural Harima-Himeji General Medical Center, Himeji)
- OE26-5 Serum D-dimer Level as a Marker of Plaque Rupture, Thrombus, and Worse Clinical Outcomes in Acute Coronary Syndrome**  
Chisato Sato (Department of Cardiology, Showa University Koto-Toyosu Hospital, Tokyo)
- OE26-6 The Impact of Coronary Revascularization on Coronary Flow Capacity Assessed by Serial Transthoracic Echocardiography in Patients with Chronic Coronary Syndrome**  
Hiroki Ueno (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE26-7 Clinical Utility of Optical Coherence Tomography Guided Percutaneous Coronary Intervention for Acute Coronary Syndrome**  
Toshiaki Suzuki (Department of Cardiology, Koto-Toyosu Hospital, Toyosu)
- OE26-8 Clinical Outcome of Imaging-guided Left Main Coronary Intervention in Japanese National Hospital Organization (LM-JANHO)**  
Yoshinobu Murasato (Department of Cardiology, National Hospital Organization Kyushu Medical Center, Fukuoka)

## Oral Presentation (English) 27 (IHD)

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March 10 (Fri) 17 : 40 – 19 : 00

Room 10 (Fukuoka International Congress Center 4F 409+410)

### PAD 1

#### Chairpersons :

Osamu Iida (Kansai Rosai Hospital Cardiovascular Center, Amagasaki)

Makoto Sugihara (Department of Cardiology, Fukuoka University, Fukuoka)

#### Discussants :

Ryohei Akashi (Department of Cardiology, Nagasaki University, Nagasaki)

Yuki Imoto (Department of Cardiology, Fukuoka Wajiro Hospital, Fukuoka)

#### OE27-1 Endovascular Abdominal Aortic Aneurysm Repair with Novel Strategy Employing Concomitant n-butyl-2-cyanoacrylate Injection in Combination with Postoperative Blood Pressure Management

Shuhei Miura (Department of Cardiovascular Surgery, Teine Keijinkai Hospital, Sapporo)

#### OE27-2 Retrospective Multicenter Comparison between Viabahn Stent-grafts and Supera Interwoven Nitinol Stents for Endovascular Treatment in Severely Calcified Femoropopliteal Artery Disease

Kazunori Horie (Department of Cardiovascular Medicine, Sendai Kousei Hospital, Sendai)

#### OE27-3 Predictors of Patients with Chronic Limb-threatening Ischemia Who would not Benefit from Endovascular Therapy

Yosuke Hata (Cardiovascular Center, Kansai Rosai Hospital, Amagasaki)

#### OE27-4 Clinical Impact of Additional Cilostazol Treatment on Restenosis Risk Following Heparin-Bonded Stent-Graft Implantation

Kazuki Tobita (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)

#### OE27-5 Independent Anatomical Lesion Predictors of Loss of Primary Patency at 1 year after Endovascular Therapy for Common Femoral Artery Lesions

Yasutaka Yamauchi (Cardiovascular Center, Takatsu General Hospital, Kanagawa)

#### OE27-6 Effects of EVT on Cardiac Remodeling as Assessed by Cardiac Biomarkers and Echocardiography in Patients with PAD with HFpEF

Keiichi Hishikari (Yokosuka Kyosai Hospital, Yokosuka)

#### OE27-7 Clinical Outcomes of High-dose vs. Low-dose Drug-coated Balloon in the Real-world Femoropopliteal Practice

Taku Toyoshima (Kansai Rosai Hospital, Cardiovascular Center, Amagasaki)

#### OE27-8 The Treatment Outcome of Iliofemoral Venous Stenting for Post-thrombotic Syndrome in Our Hospital

Katsuya Honda (Department of Cardiology, Fukuoka Sanno Hospital, Fukuoka)

## Oral Presentation (English) 28 (HF/CM)

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March 10 (Fri) 17 : 40 – 18 : 50

Room 14 (Fukuoka International Congress Center 5F 501)

### HF CRT/ICD 2

#### Chairpersons :

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

Kotaro Numaguchi (Department of Cardiology, Kitakyushu Municipal Medical Center, Kitakyushu)

#### Discussants :

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

Takuo Tsurugi (Department of Cardiology, Saiseikai Kumamoto Hospital, Kumamoto)

#### OE28-1 Efficacy of the Subcutaneous Implantable Cardioverter-defibrillator Therapy on Spontaneous Ventricular Tachyarrhythmias

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

#### OE28-2 The Incidence and Predictors for Appropriate Implantable Cardioverter Defibrillator Therapy in Japanese Ischemic Heart Disease Patients

Kenji Hanada (Department of Cardiology, Hirosaki University Graduate School of Medicine, Hirosaki)

#### OE28-3 Prognostic Impact of Early Catheter Ablation in Patients with Acute Decompensated Heart Failure (ADHF) Accompanying with Atrial Fibrillation

Arihide Okahara (Department of Cardiology, Fukuoka Red Cross Hospital, Fukuoka)

- OE28-4 Incidence, Characteristics, and Prognosis of Patients Achieving Pharmacotherapy Intensification Immediately after Cardiac Resynchronization Therapy**  
Kojiro Ogawa (Department of Cardiology, University of Tsukuba, Tsukuba)
- OE28-5 Indication of Implantable Cardioverter Defibrillator for the Secondary Prevention of Sudden Cardiac Death Associated with Coronary Spastic Angina**  
Kenichi Tani (Kobe University Hospital, Kobe)
- OE28-6 Deep Vein Thrombosis after Leadless Pacemaker Implantation**  
Takahiro Hayashi (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)
- OE28-7 Dilated Cardiomyopathy with Mitochondria- and Mitophagy-related Gene Variants by Whole-exome Analysis**  
Masaki Morooka (Cardiovascular Center, Nippon Medical School Chiba Hokusyo Hospital, Inzai)

## 一般演題口述 (日本語) 5 (HF/CM)

3月10日(金) 13:30-14:40  
第16会場(福岡国際会議場 5階「503」)

### Heart Transplantation/LVAD

座長:

網谷 英介 (東京大学 重症心不全治療開発講座)  
塚本 泰正 (国立循環器病研究センター移植医療部)

ディスカッサント:

今村 輝彦 (富山大学 第二内科)  
藤野 剛雄 (九州大学大学院医学研究院重症心肺不全講座)

- OJ05-1 Clinical Impact and Etiology of De Novo Aortic Insufficiency during Catheter-based Ventricular Assist Device Support for Cardiogenic Shock**  
堂前 圭太郎 (大阪警察病院 心臓血管外科)
- OJ05-2 Does Subclinical Cellular Rejection Increase after COVID-19 Vaccination in Heart Transplant Recipients?**  
赤澤 康裕 (大阪大学大学院医学系研究科 循環器内科学)
- OJ05-3 Evaluation of Antibody Response after SARS-CoV-2 Vaccine in Heart Transplant Recipients**  
服部 英敏 (東京女子医科大学 循環器内科学)
- OJ05-4 Ratio of Right to Left Ventricular Diameter can Predict Early and Late-onset Right Ventricular Failure after Ventricular Assist Device Implantation**  
安村 かおり (大阪大学大学院医学系研究科 循環器内科学)
- OJ05-5 Relationship between Heartmate Risk Score on Admission and Outcome in Acute Heart Failure Patients Referred to Cardiac Intensive Care Unit**  
亀谷 智子 (東京女子医科大学病院 循環器内科)
- OJ05-6 Trajectory of Exercise Capacity in Patients with Durable Left Ventricular Assist Device**  
風間 信吾 (名古屋大学大学院医学系研究科 循環器内科学)
- OJ05-7 Re-exploration of the Value of Cardiopulmonary Exercise Testing in Ambulatory Young Patients with Advanced Heart Failure**  
米山 将太郎 (国立循環器病研究センター 移植医療部)

## 一般演題口述 (日本語) 6 (Surg/SHD)

3月10日(金) 13:30-14:40  
第18会場(マリンメッセ福岡 A館 2階「会議室2」)

### Aortic Disease

座長:

和田 朋之 (大分大学 心臓血管外科)  
全 完 (京都府立医科大学 循環器内科)

ディスカッサント:

木下 慎 (神戸市立医療センター中央市民病院 循環器内科)  
八木 宏樹 (東京大学医学部附属病院 循環器内科)

- OJ06-1 Coronary Periarthritis and Pericardial Thickening could be a Predictor of Coronary Artery Events Complicated with Immunoglobulin G4-related Disease**  
八木 宏樹 (東京大学医学部附属病院 循環器内科学)
- OJ06-2 Ultrasonographic Assessment of Lateral Branch Embolization for Prevention of Type II Endoleak after Endovascular Aortic Aneurysm Repair**  
加藤 雅也 (広島市立北部医療センター安佐市民病院 循環器内科)



- OJ06-3 Serial Change in Computed Tomography Attenuation of Periaortic Adipose Tissue in Patients with Takayasu Arteritis**  
吉川 宏 (東京医科歯科大学病院 循環器内科)
- OJ06-4 Clinical and Angiographic Follow up of Spontaneous Superior Mesenteric Artery Dissection**  
吉富 勇輝 (広島市立安佐市民病院 循環器科)
- OJ06-5 Changes in Aortic Stiffness by Exercise and Exercise Tolerance in the Subclinical Risk Stages and Heart Failure Stage C**  
溝口 達也 (名古屋市立大学 循環器内科)
- OJ06-6 Is Preoperative NLR, PLR, and MPV Related to Early and Late Mortality after Open Repair for Thoracic Aortic Aneurysm?**  
藤吉 俊毅 (東京医科大学 心臓血管外科)
- OJ06-7 Does Acute Type B Aortic Dissection Cause Inter-arm Difference of Blood Pressure?**  
坪 宏一 (川崎幸病院 大動脈センター 日本医科大学付属病院 循環器内科)

## 一般演題口述 (日本語) 7 (Emer/Med Policy/New Fields)

3月10日(金) 14:40-15:30

第16会場 (福岡国際会議場 5階「503」)

### Shock

#### 座長:

細川 雄亮 (日本医科大学武蔵小杉病院 循環器内科・集中治療室)  
田原 良雄 (FJCS) (国立循環器病研究センター 心臓血管内科)

#### ディスカッサント:

西田 幸司 (近森病院 循環器科)  
川上 将司 (飯塚病院 循環器内科)

- OJ07-1 Impact of Ecpella Support on Short-term Mortality in Acute Coronary Syndrome Patients with Refractory Cardiogenic Shock Requiring VA-ECMO**  
鶴崎 祐太 (済生会熊本病院 心臓血管センター 循環器内科)
- OJ07-2 The Impact of Aortic Valve Regurgitation on the Left Ventricular Load and Hemodynamics under ECPPELLA Support: A Simulation Study**  
松下 裕貴 (国立循環器病研究センター研究所 循環動態制御部)
- OJ07-3 Relationship between Clinical Variables and in-hospital Mortality in Patients with Cardiogenic Shock Requiring IMPELLA**  
芦浦 大輝 (三井記念病院 循環器内科)
- OJ07-4 The Effect of Treatment Strategy for Acute Myocardial Infarction Complicated by Cardiac Shock Using IMPELLA in Accordance with Institutional Protocol**  
多田 毅 (倉敷中央病院 循環器内科)
- OJ07-5 The Impact of Inhaled Nitric Oxide Therapy on Hemodynamic Indexes in Patients with Cardiogenic Shock Supported by Mechanical Circulatory Support**  
松下 俊輔 (倉敷中央病院 循環器内科)

## 一般演題口述 (日本語) 8 (IHD)

3月10日(金) 14:40-15:30

第18会場 (マリンメッセ福岡 A館 2階「会議室2」)

### ACS Imaging

#### 座長:

高岡 浩之 (千葉大学医学部附属病院 循環器内科)  
岡村 誉之 (山口大学 器官病態内科学)

#### ディスカッサント:

神田 大輔 (鹿児島大学大学院医歯学総合研究科 心臓血管・高血圧内科学)  
矢部 敬之 (東邦大学医学部内科学講座 循環器内科学分野)

- OJ08-1 Prognostic Value of CMR-derived Global Coronary Flow Reserve and CPX-derived Peak O2 Pulse in Patients with Acute Myocardial Infarction**  
杉山 知代 (土浦協同病院 循環器内科)
- OJ08-2 Identification of Optical Coherence Tomography-Defined Coronary Plaque Erosion by Preprocedural Computed Tomography Angiography**  
長嶺 竜宏 (土浦協同病院 循環器内科)



- OJ08-3 The Association of Abdominal Visceral Adipose Tissue with Long-term Cardiovascular Events in Male Patients with Acute Coronary Syndrome**  
成澤 恩 (岐阜県立多治見病院 循環器内科)
- OJ08-4 Neointimal Changes of Protruded Plaque after Stent Implantation in Patients with Acute Coronary Syndrome Evaluated with One-year Optical Coherence Tomography**  
青木 友樹 (東海大学 循環器内科学)
- OJ08-5 Impact of Lipid Component Detected by NIRS-IVUS on the Occurrence of Microvascular Obstruction after PCI in STEMI**  
寺田 幸誠 (和歌山県立医科大学 循環器内科)

## 一般演題口述 (日本語) 9 (Arrhythmia)

3月10日(金) 16:00-17:30

第16会場 (福岡国際会議場 5階「503」)

### Atrial Arrhythmia

座長:

丸山 光紀 (日本医科大学武蔵小杉病院 循環器内科)

古庄 浩司 (石川県立中央病院 循環器内科)

ディスカッサント:

坂田 憲祐 (ジョンスホプキンス大学 ADVANCE)

内藤 千裕 (愛知医科大学 循環器内科学)

- OJ09-1 Slight Gradual Prolongation of A-H interval Indicates Successful Slow Pathway Elimination by Cryofreezing**  
福田 怜子 (獨協医科大学埼玉医療センター 循環器内科)
- OJ09-2 Unmasking Multiple Interatrial Connections from Different Pacing Sites**  
池ノ内 孝 (東京医科歯科大学病院 循環制御内科学)
- OJ09-3 A Noble Approach to Typical Atrioventricular Nodal Reentrant Tachycardia with High-Resolution Mapping of Pentaray**  
高橋 健太 (東京ハートリズムクリニック 循環器内科)
- OJ09-4 Electrophysiological Characteristics and Catheter Ablation of Atypical Fast-slow Atrioventricular Nodal Reentrant Tachycardia Using an Inferolateral Left Atrial Slow Pathway**  
金古 善明 (FJCS) (群馬大学 循環器内科)
- OJ09-5 Paradigm Shift of Catheter Ablation of Atypical Atrioventricular Nodal Tachycardia: Importance of 3D Recognition of Exit Sites of Slow Pathway**  
川端 美穂子 (FJCS) (AOI国際病院 循環器内科)
- OJ09-6 Entrainment Pacing from Para Hisian Region. A Novel Maneuver for Diagnosis of Paroxysmal Supraventricular Tachycardias**  
稲葉 理 (さいたま赤十字病院 循環器内科)
- OJ09-7 Atrioventricular Simultaneous Pacing both during Basic Drive and Programmed Extrastimulation in Patients with Dual Atrioventricular Nodal Reentrant or Non-reentrant Tachycardias**  
山内 康照 (横浜市立みなと赤十字病院 循環器科)
- OJ09-8 Response to ParaHisian Pacing in the Setting of Presence of a Concealed Nodoventricular/ Nodofascicular Pathway**  
永嶋 孝一 (日本大学医学部 内科系循環器内科学分野)
- OJ09-9 Differentiation of Atrial Tachycardia from Supraventricular Tachycardia by a ParaHisian Single Extra-stimulation**  
中谷 洋介 (群馬県立心臓血管センター 循環器内科)

## 一般演題口述（日本語）10 (Arrhythmia)

3月10日(金) 16:00-17:30

第18会場（マリンメッセ福岡 A館 2階「会議室2」）

### EP Mapping System

座長:

蜂谷 仁 (FJCS) (土浦協同病院 循環器内科)

橋本 賢一 (防衛医科大学校 総合臨床部)

ディスカッサント:

永島 道雄 (小倉記念病院 循環器内科)

宮本 真和 (岡山大学 循環器内科)

#### OJ10-1 Strategic Determination of Additional Left Atrial Posterior Wall Isolation Using ExTRa Mapping for Non-Paroxysmal Atrial Fibrillation

山川 祐馬 (JCHO東京山手メディカルセンター 循環器内科)

#### OJ10-2 Clinical Characteristic of the Marshall Bundle Related Atrial Tachycardia Analyzed by High-Resolution Mapping System

武 寛 (群馬県立心臓血管センター 循環器内科)

#### OJ10-3 Where is the Origin of Automaticity Triggering Atrial Fibrillation: A Voltage Map-Based Analysis

平田 脩 (日本大学 循環器内科)

#### OJ10-4 Prevalence and Predictors of Conduction Disturbance of Superior Vena Cava-right Atrium Junction in Patients with Atrial Fibrillation

久岡 雅弘 (山口大学大学院医学系研究科 器官病態内科学)

#### OJ10-5 A Novel Map-guide Approach for Wide Circumferential Pulmonary Vein Isolation

石倉 正大 (神戸市立医療センター中央市民病院 循環器内科)

#### OJ10-6 The Visualization of the Myocardial Sleeve Conduction between Pulmonary Vein and Left Atrium New Insight into Segmental Pulmonary Vein Isolation

高田 康之 (東京医科大学病院 循環器内科)

#### OJ10-7 LUMIPOINT™ Highlights the Residual Epicardial Conduction over PV Lesion

中島 聡良 (東京医科歯科大学 循環制御内科学)

#### OJ10-8 Radiofrequency Catheter Ablation for Atrial Tachycardia Using Ultrahigh Resolution Mapping System after Surgery of Maze Procedure

金城 貴彦 (弘前大学 循環器内科)

#### OJ10-9 Utility of Coherent Mapping for Diagnosis and Treatment of Localized Reentrant Atrial Tachycardia

吉村 真吾 (群馬県立心臓血管センター 循環器内科)

## 一般演題口述（日本語）11 (Others)

3月10日(金) 17:40-18:40

第15会場（福岡国際会議場 5階「502」）

### CKD

座長:

田中 文隆 (岩手医科大学腎高血圧内科)

内田 治仁 (岡山大学 CKD・CVD地域連携包括医療学)

ディスカッサント:

鈴木 進 (半田市立半田病院 循環器内科)

亀田 良 (北里大学医学部循環器内科学)

#### OJ11-1 Early Outcomes after Transcatheter Aortic Valve Implantation for Dialysis Patients in Real-world Practice

津久井 宣博 (東京女子医科大学 循環器内科学)

#### OJ11-2 Association Between Nonalcoholic Fatty Liver Disease and Worsening Renal Function in Patients Underwent Percutaneous Coronary Intervention

岸上 大輝 (心臓血管研究所付属病院 循環器内科)

#### OJ11-3 Cystatin-C at 6 Months for Prognostic Evaluation after Transcatheter Aortic Valve Replacement

藤本 智貴 (京都府立医科大学 循環器内科学)

#### OJ11-4 Clinical Outcome of Endovascular Therapy for Chronic Limb-threatening Ischemia in Renal Transplant Recipients

森岡 佑太 (東京女子医科大学 循環器内科学)

- OJ11-5 Prevention of Contrast-Induced Nephropathy after Cardiovascular Catheterization by Bolus Administration of High-Concentrate Sodium Bicarbonate from PREVENT CINC-J and CINC-J Studies**  
岩井 篤史 (奈良県西和医療センター 循環器内科)
- OJ11-6 Renal Dysfunction is Associated with Coronary Calcification and Worse Clinical Outcomes in Patients with Acute Myocardial Infarction**  
横山 公章 (弘前大学 循環器内科)

## 一般演題口述 (日本語) 12 (IHD)

3月10日(金) 17:40-18:40  
第16会場 (福岡国際会議場 5階「503」)

### PAD 1

#### 座長:

關 秀一 (近森病院 循環器内科)  
上月 周 (大阪府済生会中津病院 循環器内科)

#### ディスカッサント:

池本 智一 (熊本赤十字病院)  
尾辻 秀章 (米盛病院)

- OJ12-1 The Association between Nutritional Indices and Clinical Outcomes in Chronic Limb-threatening Ischemia Patients with Ischemic Wound Undergone Endovascular Therapy**  
庄司 圭佑 (京都中部総合医療センター 循環器内科)
- OJ12-2 Clinical Features and Management of Restenotic Lesions after Drug Coated Balloon Angioplasty for Femoropopliteal Lesions**  
山口 航平 (済生会横浜市東部病院 循環器科)
- OJ12-3 Clinical Characteristics and Impact of Pseudo-lumen Blood Flow on Long-term Vessel Dilatation in Spontaneous Isolated Dissection of Superior Mesenteric/Celiac Artery**  
大津 裕 (虎の門病院 循環器センター 内科)
- OJ12-4 The Comparison of Three-year Outcomes of Zilver PTX Stent Implantation between Pre- and Post-ZEPHYR Trial**  
内田 修平 (湘南鎌倉総合病院 循環器科)
- OJ12-5 Influence of the Calcified Block Lesions of Femoropopliteal Disease on Treatment Result of Drug Coated Balloon in Endovascular Therapy**  
岸田 登志彦 (済生会横浜市東部病院 循環器内科)
- OJ12-6 Influence of Drug Coated Balloon for Calcified Block Lesions of Femoropopliteal Disease after Endovascular Therapy**  
岸田 登志彦 (済生会横浜市東部病院 循環器内科)

## 一般演題口述 (日本語) 13 (HF/CM)

3月10日(金) 17:40-18:40  
第17会場 (マリノメッセ福岡 A館 2階「大会議室」)

### Onco-cardiology

#### 座長:

藤田 雅史 (大阪国際がんセンター 腫瘍循環器科)  
大谷 規彰 (国立病院機構 九州医療センター 循環器内科)

#### ディスカッサント:

宗政 充 (岡山労災病院 循環器内科)  
乙井 一典 (神戸大学 総合内科)

- OJ13-1 Management Strategies and Outcomes of Cancer-Associated Venous Thromboembolism in the Era of Direct Oral Anticoagulants: From the COMMAND VTE Registry-2**  
茶谷 龍己 (倉敷中央病院 循環器内科)
- OJ13-2 The Association between Global or Regional Longitudinal Strain and Troponin I Elevation among Patients Undergoing Immune Checkpoint Inhibitor Therapy**  
田村 祐大 (国際医療福祉大学三田病院)
- OJ13-3 Clinical Characteristics and Outcomes in Patients with Cancer-Associated Venous Thromboembolism According to Cancer Sites: From the COMMAND VTE Registry-2**  
坂本 二郎 (天理よろづ相談所病院 循環器内科)

- OJ13-4 Arterial Thromboembolism Prediction Models in Cancer Patients by Machine Learning and Nationwide Hospital-Based Cancer Registries**  
竹上 未紗 (国立循環器病研究センター 予防医学・疫学情報部)
- OJ13-5 Impact of D-Dimer Levels at DVT Diagnosis on Long-Term Clinical Outcomes in Cancer Patients**  
村田 桃子 (国立がん研究センター東病院 臨床検査部)
- OJ13-6 Early Discontinuation of Trastuzumab Adjuvant Chemotherapy in Breast Cancer Patients is Associated with Both Cancer Treatment-Related Cardiovascular Toxicity and Mortality**  
宮里 恵子 (琉球大学 臨床薬理学)

## 一般演題口述 (日本語) 14 (HF/CM)

3月10日(金) 17:40-18:40

第19会場 (マリンメッセ福岡 A 館 3階「サブアリーナ」)

### Cardiac Function

座長:

長尾 学 (神戸大学 立証検査医学分野)

浅井 邦也 (FJCS) (日本医科大学 循環器内科)

ディスカッサント:

柏村 健 (新潟大学大学院医歯学総合研究科 先進心肺血管治療学講座)

日高 貴之 (県立広島病院循環器内科)

- OJ14-1 The Impact of Soluble Guanylate Cyclase Stimulator on Cardiac and Venous Return Characteristics: A Framework Analysis Extending Guyton's Circulatory Equilibrium**  
横井 愛美 (国立循環器病研究センター研究所 循環動態制御部)
- OJ14-2 18F-FDG-PET and an Oxidative Stress Marker after Immunosuppressive Therapy Predict Major Adverse Cardiovascular Events in Cardiac Sarcoidosis**  
中嶋 佑輔 (山口大学医学部附属病院 器官病態内科学講座)
- OJ14-3 Typical Echocardiographic Findings Characteristic of Wild-type Transthyretin Amyloid Cardiomyopathy**  
北田 修一 (名古屋市立大学大学院 医学研究科 循環器内科学)
- OJ14-4 Comparison of Block-HF/CRT Up-grade versus Conventional De Novo CRT; Focused on the Predictors of Prognosis for New CRT Indications**  
池田 礼史 (埼玉医科大学国際医療センター 心臓内科)
- OJ14-5 Echo Parameters for Differential Diagnosis in Early Stage Cardiac Amyloidosis**  
神田 貴弘 (浜松赤十字病院 循環器内科)
- OJ14-6 Nationwide Temporal Trends in Clinical Characteristics and Treatment of Dilated Cardiomyopathy from 2003 to 2013 in Japan**  
筒井 好知 (九州大学 循環器内科学)

## 一般演題口述 (日本語) 15 (IHD)

3月10日(金) 17:40-19:00

第20会場 (マリンメッセ福岡 A 館 1階「アリーナ特設会場」)

### Atherosclerosis Clinical

座長:

久保 亨 (FJCS) (高知大学医学部老年病・循環器内科)

篠田 政典 (豊田厚生病院 循環器内科)

ディスカッサント:

堀尾 英治 (済生会熊本病院 心臓血管センター 循環器内科)

山本 絵里香 (京都大学 循環器内科)

- OJ15-1 Aortic High-Intensity Plaque is Associated with Aortic Ruptured Plaque and Periprocedural Myocardial Infarction in Chronic Coronary Syndrome Patients**  
渡部 浩明 (筑波大学 循環器内科)
- OJ15-2 Clinical Outcomes of Acute Myocardial Infarction Arising from Non-lipid-rich Plaque Determined by NIRS-IVUS**  
寺田 幸誠 (和歌山県立医科大学 循環器内科)
- OJ15-3 Combined Assessment of Frailty and Nutritional Status can be a Prognostic Indicator after Percutaneous Coronary Intervention**  
野池 亮太 (東邦大学 医学部内科学講座 循環器内科学分野)

- OJ15-4 Comparison of Phenotypes in Subcutaneous Fat and Perivascular Adipose Tissue Surrounding the Saphenous Vein in Coronary Artery Bypass Grafting**  
三上 拓真 (国立病院機構 帯広病院 心臓血管外科)
- OJ15-5 Association between the Presence of CAD or PAD and LVMI in Patients Who Have Undergone Coronary Computed Tomography Angiography (FU-CCTA Registry)**  
立花 哲郎 (福岡大学 医学部心臓・血管内科学)
- OJ15-6 Not Only Apnea but Hypoxia Promotes Atherosclerosis in Patients with Sleep Apnea Syndrome**  
能登 貴久 (射水市民病院 循環器科)
- OJ15-7 Influence of Psoriasis on Coronary Artery Calcification**  
鈴木 智人 (秋田大学大学院 医学系研究科循環器内科学講座)
- OJ15-8 The Prevalence of HyperLp(a)-nemia ( $\geq 50\text{mg/dL}$ ) was Markedly High in CAD Patients with Diabetes and Low Insulin Levels**  
笠原 尚 (FJCS) (養和病院 循環器内科)

## 一般演題口述 (日本語) 16 (Surg/SHD)

3月10日(金) 17:40-18:40

第21会場 (マリンメッセ福岡 B館 1階「アリーナ特設会場」)

### Structural Heart Disease 1

座長:

福 康志 (倉敷中央病院循環器内科)

日浅 豪 (愛媛県立中央病院 循環器内科)

ディスカッサント:

三島 健人 (新潟大学心臓血管外科)

水谷 一輝 (近畿大学循環器内科)

- OJ16-1 Long-term Outcomes with Balloon-expandable and Self-expandable Prosthesis in Patients Undergoing Transcatheter Aortic Valve Implantation for Very Severe Aortic Stenosis -LAPLACE-TAVI Registry-**  
横山 公章 (弘前大学 循環器内科)
- OJ16-2 Prognostic Impact of Sarcopenia Index in Patients Receiving TAVI**  
牛島 龍一 (富山大学 第二内科)
- OJ16-3 Preoperative LAVI and LVMI Predicts Prognosis in Paradoxical Low-flow Low-gradient Aortic Stenosis after Transcatheter Aortic Valve Implantation: The LAPLACE-TAVI Registry**  
枝村 峻佑 (山形大学 循環・呼吸・腎臓内科学)
- OJ16-4 Usefulness of an Electrocardiogram with Convolutional Neural Network for Prediction of Aortic Regurgitation**  
田宮 蘭 (心臓血管研究所 循環器内科)
- OJ16-5 Periprocedural Transesophageal Echocardiographic Evaluation of Commissural Alignment and Clinical Outcome after Transcatheter Aortic Valve Replacement**  
木村 俊之 (宮崎市医師会病院 心臓病センター 循環器科)
- OJ16-6 C-Paddle Orientation and Evolut Transcatheter Aortic Valve Neo-Commissural Alignment**  
高松 誠 (宮崎市医師会病院 循環器内科)

## 一般演題口述 (日本語) 17 (Others)

3月10日(金) 17:40-19:00

第22会場 (マリンメッセ福岡 B館 2階「会議室1」)

### Autonomic Nervous System

座長:

篠原 啓介 (九州大学循環器内科)

村井 久純 (金沢市立病院 循環器内科 / 金沢大学 循環器内科)

ディスカッサント:

山本 裕美 (倉敷中央病院 循環器内科)

朔 啓太 (国立循環器病研究センター 循環動態制御部)

- OJ17-1 Positive Correlation between Left Atrial Conduction Velocity and Baroreflex Sensitivity in Patients with Atrial Fibrillation**  
御手洗 和毅 (大分大学医学部附属病院 循環器内科・臨床検査診断学講座)

- OJ17-2 Differences in Heart Rate and Heart Rate Variability Changes after Atrial Fibrillation Ablation between Cryoballoon Ablation and Radiofrequency Ablation**  
林 達哉 (自治医科大学 さいたま医療センター 循環器科)
- OJ17-3 The Accuracy of Cardiac Sympathoexcitation Monitoring during Pulmonary Vein Isolation by Psychogenic Sweating**  
堀 裕一 (獨協医科大学埼玉医療センター 循環器内科)
- OJ17-4 Baroreflex Sensitivity and Sympatho-Vagal Function in Postural Orthostatic Tachycardia Syndrome**  
佐藤 恭子 (東京女子医科大学附属足立医療センター 内科)
- OJ17-5 Effects of Transcatheter Aortic Valve Implantation on Skin Sympathetic Nerve Activity in Patients with Severe Aortic Valve Stenosis**  
長森 勇多 (金沢大学附属病院 循環器内科)
- OJ17-6 Skin Sympathetic Nerve Activity of the Patients with Subarachnoid Hemorrhage**  
中川 陽一郎 (金沢大学 循環器病態内科学)
- OJ17-7 Carotid Artery Revascularization Improves Cardiac Sympathetic Nerve Activity in Patients with Carotid Artery Stenosis**  
加藤 宗 (秋田大学 循環器内科学)
- OJ17-8 Relationships between Muscle Sympathetic Nerve Activity and Serum Level of FABP4 at Rest and during the Isometric Handgrip Exercise**  
平井 忠幸 (金沢大学 医薬保健研究域循環器内科学)

## Poster Session (English) 1 (Arrhythmia)

March 10 (Fri) 15 : 05 - 15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### Ablation 1

Chairpersons :

Masahide Harada (Department of Cardiology, Fujita Health University, Toyoake)

Satoshi Yanagisawa (Department of Cardiology, Nagoya University Hospital, Nagoya)

- PE01-1 Clinical Outcome in Super-elderly Population with Atrial Fibrillation by Ablation Systems**  
Kazuhiro Naito (Department of Cardiology, Aichi Medical University, Nagakute)
- PE01-2 Feasibility of Utilizing Diaphragm Movement Sensor for the Prediction of Phrenic Nerve Injury**  
Takatoshi Shigeta (Cardiology, Tokyo Medical and Dental University, Tokyo)
- PE01-3 Is the Closed-ring Line Necessary for Left Pulmonary Vein Isolation? -The Connections between Anterior LPV and LA**  
Kazuaki Kaitani (Department of Cardiovascular Medicine, Japanese Red Cross Otsu Hospital, Otsu)
- PE01-4 Natriuretic Peptide as Possible Predictor for Left Atrial Scarring and Recurrence of Atrial Fibrillation after Pulmonary Vein Isolation**  
Masafumi Sato (Division of Cardiovascular Medicine, Department of Internal Medicine, Jichi Medical University School of Medicine, Shimotsuke)
- PE01-5 The Association between Peripheral Endothelial and Atrial Function Pre- and Post-catheter Ablation in Patients with Atrial Fibrillation**  
Takumi Toya (Department of Cardiology, National Defense Medical College, Tokorozawa)
- PE01-6 Sympathoexcitation Monitoring during Pulmonary Vein Isolation by Psychogenic Sweating: The Role of Sympathetic Neuromodulation**  
Yuichi Hori (Department of Cardiology, Dokkyo Medical University Saitama Medical Center, Koshigaya)
- PE01-7 Misdiagnosis of the Posterior Wall Transection after the Roofline Ablation**  
Takamitsu Takagi (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama)

## Poster Session (English) 2 (Arrhythmia)

March 10 (Fri) 15 : 05 - 15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### Ablation 2

Chairpersons :

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

Yasuhiro Yokoyama (Cardiology, Internal Medicine, Daisan Kitasaginawa Hospital, Tokyo)

- PE02-1 Safety and Efficacy of Ablation Index-Guided Atrial Fibrillation Ablation in Octogenarians**  
Hideharu Okamoto (Department of Cardiology, Cardiovascular Center, Saiseikai Kumamoto Hospital, Kumamoto)

- PE02-2 Catheter Ablation of Persistent Atrial Fibrillation in the Elderly with Heart Failure Improves Hemodynamic Status Similar to Younger Subjects**  
Arihide Okahara (Department of Cardiology, Fukuoka Red Cross Hospital, Fukuoka)
- PE02-3 Incidence, Clinical Course and Risk Factors in the Development of Femoral Pseudoaneurysm after Atrial Fibrillation Ablation**  
Takafumi Koyama (Shonan Kamakura General Hospital, Kamakura)
- PE02-4 Utility of a Suture-Mediated Vascular Closure Device after Catheter Ablation and Result of Patient Satisfaction Survey**  
Koji Sudo (Department of Cardiology, University of Yamanashi, Chuo)
- PE02-5 Efficacy and Safety of Chemical Ablation via the Inferior Vena Cava Approach to Achieve the Lateral Mitral Isthmus Blockline**  
Suguru Nishiuchi (Department of Cardiology, Tenri Hospital, Tenri)
- PE02-6 The Efficacy of Novel Diamond-Embedded and Temperature-Controlled Ablation Catheter for Cavo-tricuspid Isthmus Ablation: Comparison to Contact Force Sensing Ablation Catheter**  
Yoshikazu Sato (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)
- PE02-7 Efficacy of Pressure-guided Cryoballoon Pulmonary Vein Isolation in Patients with Paroxysmal Atrial Fibrillation**  
Kikou Akiyoshi (Department of Cardiology, Hiratsuka Kyosai Hospital, Hiratsuka)

## Poster Session (English) 3 (IHD)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### ACS 1

Chairpersons :

Akihiko Matsumura (Department of Cardiology, Kameda Medical Center, Kamogawa)  
Kazuhiro Nakazato (FJCS) (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

- PE03-1 Remote Ischemic Peri-conditioning Suppressed the Augmentation of Cardiac Sympathetic Activity in Patients with Acute Myocardial Infarction: A Randomized Controlled Trial**  
Takumi Kondo (Division of Cardiology, Osaka General Medical Center, Osaka)
- PE03-2 Predicting the Efficacy of n-3 Polyunsaturated Fatty Acids for Secondary Prevention of Coronary Artery Disease**  
Yuichiro Okushi (Department of Cardiology, Tokushima Prefecture Naruto Hospital, Naruto)
- PE03-3 Correlation between Histological Findings of Aspirated Thrombi and Clinical Findings**  
Hiroaki Nohara (Division of Cardiology, Osaka Rosai Hospital, Sakai)
- PE03-4 Increased Media-to-intima Ratio of Coronary Artery is the Determinant of Susceptibility to Coronary Spasm in Patients with Myocardial Infarction**  
Takamitsu Nakamura (Department of Cardiology, University of Yamanashi School of Medicine, Chuo)
- PE03-5 Myocardial Impairment of Hyperinsulinemia in Non Ischemic Heart Failure with Diabetes Mellitus**  
Tatsuya Nunohiro (Department of Cardiovascular Medicine, Nagasaki Harbor Medical Center, Nagasaki)
- PE03-6 Impact of Underlying Causes of Acute Coronary Syndrome on Long-term Outcomes after Percutaneous Coronary Intervention: An Optical Coherence Tomography Study**  
Kenji Miwa (Department of Cardiology, Ishikawa Prefectural Central Hospital, Kanazawa)
- PE03-7 NT-pro BNP Shows Strong Correlation with the Length of Hospital Stay in Hemodynamically Stable Acute Coronary Syndrome Patients**  
Jun Torii (Komaki City Hospital, Komaki)

## Poster Session (English) 4 (IHD)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### ACS 2

Chairpersons :

Takefumi Takahashi (Department of Cardiology, Tokushima Red Cross Hospital, Komatsushima)  
Tomomi Koizumi (FJCS) (National Hospital Organization Mito Medical Center, Higashi-Ibarakigun)

- PE04-1 Impact of Onset-to-balloon Time on In-hospital Mortality in Nonagenarians with ST-elevation Myocardial Infarction (Report from Mie ACS Registry)**  
Akihiro Takasaki (Department of Cardiology, Toyohashi Heart Center, Toyohashi)

- PE04-2 The Effect of Nicorandil on Cardiac Function and Clinical Outcomes in ST-segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention**  
Han Cheol Lee (Pusan National University Hospital, Busan, Korea)
- PE04-3 The Incidence of Target Vessel Revascularization among ST-elevation Myocardial Infarction Patients without Cardiovascular Risk Factors**  
Kazumasa Ikeda (Department of Cardiology, Cardiovascular Center, Miyazaki Medical Association Hospital, Miyazaki)
- PE04-4 Paclitaxel-Coated Balloon-Only Angioplasty versus Primary Drug-Eluting Stent Placement on Clinical Outcomes for ACS: A Meta-analysis of 6 Baseline-Matched Studies**  
Yuki Kondo (Department of Cardiology, Dokkyo Medical University Saitama Medical Center, Koshigaya)
- PE04-5 Efficacy of Directional Coronary Atherectomy Followed by Drug-coated Balloon Angioplasty in Patients with Acute Coronary Syndrome**  
Masayoshi Fujii (Division of Cardiovascular Medicine, Hyogo Prefectural Harima-Himeji General Medical Center, Himeji)
- PE04-6 Significance of Door-In to Door-Out Time in Patients with ST-Elevation Myocardial Infarction at Non-PCI-Capable Hospital**  
Hiroto Shimajiri (Department of Cardiology, Hiroshima City North Medical Center Asa Citizens Hospital, Hiroshima)
- PE04-7 Prevalence and Prognostic Factors Associated with 1-year Mortality in Inferior Wall ST Segment Elevation Myocardial Infarction, Single Tertiary Center**  
Chorchana Wichian (Suratthani Hospital, Suratthani, Thailand)

## Poster Session (English) 5 (IHD)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### Atherosclerosis Clinical

Chairpersons :

Takeyoshi Kameyama (Tohoku Medical and Pharmaceutical University, Cardiovascular Medicine, Sendai)  
Sei Komatsu (Cardiovascular Center, Osaka Gyoumeikan Hospital, Osaka)

- PE05-1 Trends and Outcome of Statin Therapy for the Secondary Prevention in Dialysis Patients with ASCVD**  
Dae-Won Kim (Daejeon St Mary's Hospital, Catholic University of Korea, Daejeon, Korea)
- PE05-2 Efficacy and Safety of Moderate-Intensity Statin and Ezetimibe Compared to that of High-Intensity Statin: Protocol for a Randomised Controlled Trial**  
Hye Jung Choi (Seoul National University Bundang Hospital, Seongnam-Si, Korea)
- PE05-3 Di-(2-ethylhexyl) Phthalate Limits the Lipid-lowering Effects of Statins in Chronic Kidney Disease Patients Undergoing Dialysis and Hepatocytes**  
Bei-Chia Guo (National Taiwan University, College of Medicine, Taipei, Taiwan)
- PE05-4 Effect of Sacubitril/Valsartan on Arterial Stiffness Using Cardio-ankle Vascular Index in Patients with Heart Failure with Reduced Ejection Fraction**  
Hirochika Yamasaki (Department of Cardiology and Clinical Examination, Faculty of Medicine, Oita University, Oita)
- PE05-5 Effect of Calcium Channel Blockers on Clinical Outcomes in Patients after Percutaneous Coronary Intervention and Left Ventricular Dysfunction**  
Manabu Uematsu (Department of Cardiology, University of Yamanashi, Faculty of Medicine, Chuo)
- PE05-6 Outcome of Patients with Acute Myocardial Infarction after Percutaneous Coronary Intervention Who Need Long Time from Onset to Medical Contact**  
Munehiro Iiya (Hiratsuka Kyosai Hospital, Hiratsuka)
- PE05-7 Comparison of Safety and Efficacy of Dual Antiplatelet Therapy with and without Cilostazol for Interventional Treatment of Superficial Femoral Artery**  
Tsukasa Shimura (Yokohama City Minato Red Cross Hospital, Yokohama)

## Poster Session (English) 6 (IHD)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### Coronary Circulation

Chairpersons :

Jun Takahashi (FJCS) (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)  
Yasutsugu Shiono (FJCS) (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)

- PE06-1 Sex Difference in 5-year Relative Survival Following PCI**  
Jin-Ho Choi (Samsung Medical Center, Seoul, Korea)



- PE06-2 Correlation between Microvascular Dysfunction and B-type Natriuretic Peptide Levels in Patients without Overt Coronary Artery Disease**  
Dai Yamamoto (Department of Cardiology, Toyota Memorial Hospital, Toyota)
- PE06-3 Sex Difference in Long-term Clinical Outcomes after Percutaneous Coronary Intervention**  
Songi Byun (Samsung Medical Center, Seoul, Korea)
- PE06-4 Plasma Levels of Glutaredoxin-1 can Predict Future Events in Patients with Cardiovascular Diseases**  
Yosuke Watanabe (Department of Cardiology, University of Yamanashi, Faculty of Medicine, Chuo)
- PE06-5 Diagnostic Performance of Angiography-based, Pressure Guidewire Free Index of Microcirculatory Resistance**  
Hidekuni Kirigaya (Division of Cardiology, Yokohama City University Medical Center, Yokohama)
- PE06-6 Ten-year Trends of Clinical Outcomes after Percutaneous Coronary Intervention**  
Heeson Yoon (Samsung Medical Center, Seoul, Korea)
- PE06-7 Comparing Nebivolol and Diltiazem in Improving Coronary Artery Spasm and Quality of Life in Patients with Hypertensive Vasospastic Angina**  
Soon Jun Hong (Korea University Anam Hospital, Seoul, Korea)

## Poster Session (English) 7 (Arrhythmia)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### Device 1

Chairpersons :

Takuo Tsurugi (Department of Cardiology, Saiseikai Kumamoto Hospital, Kumamoto)

Masataka Kajiwara (Department of Cardiovascular Medicine, Takagi Hospital, Okawa)

- PE07-1 Significance of the PRAETORIAN Score at Initial Implantation and Generator Exchange of Subcutaneous Implantable Cardioverter Defibrillator in Japanese Patients**  
Hideki Kobayashi (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto)
- PE07-2 The Clinical Impact of the Electrocardiogram Recording with Smartwatches to Detect Paroxysmal Atrial Fibrillation with Rare Attacks**  
Shinichi Tachibana (Department of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)
- PE07-3 Factors Affecting Atrioventricular Synchrony in Micra™ -AV**  
Toshihiko Gokan (Department of Cardiology, Showa University School of Medicine, Tokyo)
- PE07-4 Real-World Experience of Leadless Pacemaker Therapy: Impact on Cardiac Function and Long-term Prognosis after Leadless Pacemaker Therapy**  
Nao Okamoto (Department of Cardiology, Chikamori Hospital, Kochi)
- PE07-5 Relationship between Impedance and Trend Changes of Pacing Threshold Post Transcatheter Pacing System Implantation**  
Kosuke Yoshikawa (Department of Cardiology, Showa University School of Medicine, Tokyo)
- PE07-6 Investigating Novel Indicator for Leadless Pacemaker Implantation in Mid-septal Wall**  
Misun Pak (Arrhythmia Care Center, Koseikai Takeda Hospital, Kyoto)
- PE07-7 Safety and Feasibility of Left Atrial Appendage Closure Device Implantation -Insight from Single Center Experience-**  
Yoshinari Enomoto (Toho University Ohashi Medical Center, Tokyo)

## Poster Session (English) 8 (Basic Res)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### Heart Failure, Basic 1

Chairpersons :

Kensuke Tsushima (Department of Cardiovascular Medicine, University of Tokyo, Tokyo)

Shuichi Higo (Department of Medical Therapeutics for Heart Failure, Osaka University Graduate School of Medicine, Suita)

- PE08-1 Heart Failure Recurrence by Bone Marrow Niche Remodeling**  
Kohsaku Goto (Department of Cardiovascular Medicine, Graduate School of Medicine, The University of Tokyo, Tokyo)
- PE08-2 Exosomes Secreted from CD271+ Adipose-derived Stem Cells Induce Neovascularization in Ischemic Limb**  
Kosei Yamaguchi (Department of Cardiovascular Medicine, Kanazawa University Hospital, Kanazawa)

- PE08-3 Cardiac Regeneration Potential of BIO is Reproduced and Verified in Patient-derived Cardiac Cells**  
Meeyoung Cho (Chonnam National University Hospital, Gwangju, Korea)
- PE08-4 Moringa Oleifera Leaves Extract Ameliorates Doxorubicin-induced Cardiotoxicity via Its Mitochondrial Biogenesis Modulatory Activity in Rats**  
Melva Louisa (Department of Pharmacology and Therapeutics, Faculty of Medicine Universitas Indonesia, Jakarta, Indonesia)
- PE08-5 SIRT1, a Protein Deacetylase, Promotes Autophagy/Mitophagy by Regulating Autophosome-lysosome Fusion in the Cardiomyocyte**  
Atsushi Kuno (Department of Pharmacology, Sapporo Medical University School of Medicine, Sapporo)
- PE08-6 In Vivo Tracking of Transplanted Human iPS Cell-derived Cardiomyocytes by Nuclear Medicine Imaging**  
Yukihiro Saito (Department of Cardiovascular Medicine, Okayama University Hospital, Okayama)

## Poster Session (English) 9 (HF/CM)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area A (Marine Messe Fukuoka Hall A 1F Arena)

### HF, Pathophysiology 1

Chairpersons :

Eisaku Harada (Division of Cardiovascular Medicine, Kumamoto Kinoh Hospital, Kumamoto Aging Research Institute, Kumamoto)

Ryuichi Matsukawa (Department of Cardiology, Fukuoka Red Cross Hospital, Fukuoka)

- PE09-1 Double-blind, Randomized, Placebo-controlled, Study Evaluating Omecamtiv Mecarbil Safety, Pharmacokinetics, and Efficacy in Japanese with Heart Failure with Reduced Ejection Fraction**  
Thomas Hucko (Amgen Inc, Thousand Oaks, USA)
- PE09-2 lncRNA Caren Human Ortholog Attenuates Heart Failure Progression in Mice**  
Michio Sato (Department of Molecular Genetics, Kumamoto University, Kumamoto)
- PE09-3 Association between Beta Blocker Use for Hospitalized Heart Failure Patients at Discharge and Clinical Prognosis**  
Yuuto Watanabe (Department of Cardiology, Japanese Redcross Narita Hospital, Chiba)
- PE09-4 Protective Effects of Andrographolide against Doxorubicin-induced Cardiotoxicity on Rats through Augmentation of Mitochondrial Function**  
Wawaimuli Arozal (Department of Pharmacology and Therapeutics Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia)
- PE09-5 Relationship between Recovery to Sinus Rhythm from Atrial Fibrillation and Heart Failure Rehospitalization in Elderly Patients**  
Yuta Ueki (Department of Cardiovascular Medicine, Okayama City Hospital, Okayama)
- PE09-6 Persistent Hypochloremia is Associated with Adverse Prognosis in Patients Repeatedly Hospitalized for Heart Failure**  
Yuuji Nozaki (Fukushima Medical University, Fukushima)
- PE09-7 Prognostic Impact of Worsening Renal Function after Discharge and Diuretics in Patients with ADHF with Preserved Ejection Fraction ~PURSUIT-HFpEF Registry~**  
Takumi Kondo (Division of Cardiology, Osaka General Medical Center, Osaka)

## Poster Session (English) 10 (HF/CM)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area B (Marine Messe Fukuoka Hall B 1F Arena)

### HF, Pathophysiology 2

Chairpersons :

Kenji Onoue (FJCS) (Department of Cardiovascular Medicine, Nara Medical University, Kashihara, Nara)

Michinari Hieda (Department of Hematology, Oncology and Cardiovascular Medicine, Kyushu University Hospital, Fukuoka)

- PE10-1 The Efficacy of Combination Therapy of Corticosteroids and Methotrexate for Cardiac Sarcoidosis, Prolonged Analysis**  
Yosuke Nishihata (Department of Cardiovascular Medicine, Cardiovascular Center, St. Luke's International Hospital, Tokyo)
- PE10-2 Diuretic Resistance and Estimated Salt Intake Considering from Spot Urine of Early Morning and After-visiting Hospital**  
Daisuke Nagatomo (Department of Cardiology, Saiseikai Fukuoka General Hospital, Fukuoka)

- PE10-3 Predictors and Prognostic Impact of Functional Mitral Regurgitation Improvement after Discharge among Heart Failure Patients with Reduced Ejection Fraction**  
Yoshiaki Minami (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- PE10-4 Vericiguat in Patients with Heart Failure with Reduced Ejection Fraction with End-stage of Renal Disease**  
Keiichi Hishikari (Yokosuka Kyosai Hospital, Yokosuka)
- PE10-5 Heart Failure with Preserved Ejection Fraction with a Higher Left Ventricular Ejection Fraction Forms a Unique Classification**  
Nobuyuki Ohte (FJCS) (Department of Cardiology, Nagoya City University East Medical Center, Nagoya)
- PE10-6 Dynamic Chest Radiography can Detect Atrial Fibrillation in Heart Failure Patients**  
Hiroaki Hiraiva (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)
- PE10-7 Impact of Meteorological Conditions on Heart Failure Admission during the COVID-19 Pandemic**  
Takuya Taniguchi (Department of Cardiovascular Medicine, Otsu City Hospital, Otsu)

## Poster Session (English) 11 (Others)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area B (Marine Messe Fukuoka Hall B 1F Arena)

### Infection/Inflammation/Immunity

Chairpersons :

Ayako Takahashi (Department of Pulmonology, National Cerebral and Cardiovascular Center, Osaka)

Mikito Takefujii (FJCS) (Department of Cardiology, Nagoya University, Nagoya)

- PE11-1 The Efficacy and Safety of Tocilizumab for Pregnant Women with Takayasu Arteritis**  
Nao Konagai (Division of Obstetrics and Gynecology, National Cerebral and Cardiovascular Center, Suita)
- PE11-2 Characterization of Japanese Patients Presenting Acute Pericarditis: Their In-hospital Outcomes and Recurrence Risks**  
Hirohiko Aikawa (Department of Cardiovascular Medicine, National Cerebral & Cardiovascular Center, Suita)
- PE11-3 The Effect of Preexisting Anticoagulation on Cerebrovascular Events in Left-Sided Infective Endocarditis**  
Anass Maaroufi (Ibn Rochd University Hospital, Casablanca, Morocco)
- PE11-4 Infective Endocarditis Profile, Prognostic Factors and In-hospital Mortality: 6-year Trends from a Tertiary University Center in Morocco**  
Anass Maaroufi (Ibn Rochd University Hospital, Casablanca, Morocco)
- PE11-5 A Quantitative Comparison of Fatal and Survival Cases of Peripartum Cardiomyopathy**  
Shinji Katsuragi (Department of Obstetrics and Gynecology, Faculty of Medicine, Miyazaki University, Miyazaki)

## Poster Session (English) 12 (IHD)

March 10 (Fri) 15 : 05—15 : 55

Poster Presentation Area B (Marine Messe Fukuoka Hall B 1F Arena)

### PAD 1

Chairpersons :

Shunji Hayashidani (Department of Cardiology, St. Mary's Hospital, Fukuoka)

Kenji Suzuki (Department of Cardiology, Tokyo Saiseikai Central Hospital, Tokyo)

- PE12-1 Impact of High Dose Drug-Coated Balloon Repetition after Drug-Coated Balloon Failure**  
Yusuke Tomoi (Department of Cardiology, Kokura Memorial Hospital, Kitakyushu)
- PE12-2 Prevalence of the Academic Research Consortium High Bleeding Risk Criteria in Patients Undergoing Endovascular Therapy for Peripheral Artery Disease**  
Ryota Hashimoto (Department of Cardiovascular Medicine, Dokkyo Medical University, Mibu)
- PE12-3 Impact of C-reactive Protein to Albumin Ratio on Clinical Outcome in Patients with Peripheral Artery Disease Undergoing Endovascular Therapy**  
Kohei Kawamura (Department of Cardiovascular Medicine, Okayama City Hospital, Okayama)
- PE12-4 Impact of Minimum Lumen Area as a Predictor for Restenosis after Endovascular Treatment with Drug-Coated Balloon in Femoropopliteal Lesion**  
Haruya Yamane (Cardiovascular Division, NHO Osaka National Hospital, Osaka)
- PE12-5 Comparison of Single Antiplatelet Therapy and Dual Antiplatelet Therapy after Endovascular Therapy in Patients with Lower Extremity Artery Disease**  
Takehiro Yamada (Central Japan International Medical Center, Minokamo)

- PE12-6 Nutrition and Long-term Outcome of Peripheral Artery Disease Patients after Endovascular Therapy: Result from the I-PAD NAGANO Registry**  
Yuki Yamamoto (Department of Cardiovascular Medicine, Shinshu University, Matsumoto)
- PE12-7 The Impact of Statin Therapy on Long-term Mortality in Patients with Abdominal Artery Aneurysm Undergoing Endovascular Aneurysm Repair**  
Taku Toyoshima (Kansai Rosai Hospital Cardiovascular Center, Amagasaki)

## Poster Session (English) 13 (PDC/Divers/PH)

March 10 (Fri) 15 : 05 – 15 : 55

Poster Presentation Area B (Marine Messe Fukuoka Hall B 1F Arena)

### Pulmonary Circulation 1

Chairpersons :

Kazuya Hosokawa (Department of Cardiovascular Medicine, Kyushu University Hospital, Fukuoka)

Noriaki Takama (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

- PE13-1 Right Ventricular Strain can Assess Right Ventricular Functional Reserve in Rats with Pulmonary Arterial Hypertension**  
Haruka Sato (Department of Clinical Physiology, Tohoku University Graduate School of Medicine, Sendai)
- PE13-2 High Diagnostic Accuracy of a Recently Developed Fluoroscopic Video Analysis Workstation (Radwisp) for Acute Pulmonary Thromboembolism**  
Daisuke Fukamachi (Department of Cardiology, Nihon University School of Medicine, Tokyo)
- PE13-3 Exercise Tolerance, Right Ventricular Function and Pulmonary Diffusion Capacity in SSC Patients with Exercise Pulmonary Hypertension**  
Yu Kanazawa (Kyorin University Hospital, Mitaka)
- PE13-4 Severely Decreased Pulmonary Perfusion Area Measured by LSIM-CT Correlates with Pulmonary Hemodynamics in Patients with CTEPD**  
Tomohiro Yamaguchi (Department of Cardiovascular Medicine, Osaka Metropolitan University Graduate School of Medicine, Osaka)
- PE13-5 Anti-factor Xa Activity in Chronic Thromboembolic Pulmonary Hypertension Patients Treated with Rivaroxaban**  
Yoshihisa Nakano (Department of Cardiology, Nagoya University Hospital, Nagoya)

## Poster Session (English) 14 (PDC/Divers/PH)

March 10 (Fri) 15 : 05 – 15 : 55

Poster Presentation Area B (Marine Messe Fukuoka Hall B 1F Arena)

### Pulmonary Circulation 2

Chairpersons :

Tomoyuki Kunishima (Division of Cardiology, Department of Internal Medicine, St. Marianna University School of Medicine, Kawasaki)

Hiroto Shimokawahara (Department of Cardiology and Department of Clinical Science, National Hospital Organization Okayama Medical Centre, Okayama)

- PE14-1 The Prognosis of Recurrent Pulmonary Hypertension after Balloon Pulmonary Angioplasty in Inoperable CTEPH Patients**  
Ryo Takano (National Cerebral and Cardiovascular Center, Suita)
- PE14-2 The Role of Liver Stiffness by Ultrasound Elastography Technique in Pre-capillary Pulmonary Hypertension**  
Yuuichi Sugiyama (Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine, Kurume)
- PE14-3 Sleep Apnea and Nocturnal Desaturation in Patients with Chronic Thromboembolic Pulmonary Hypertension**  
Yu Taniguchi (Department of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)
- PE14-4 The Clinical Significance of Acute Pulmonary Vasodilator Test in Patients with Pulmonary Arterial Hypertension**  
Hisataka Maki (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)
- PE14-5 Development of the Multidisciplinary CTEPH (Chronic Thromboembolic Pulmonary Hypertension) Team: 7 years-experience Sharing**  
Sung-A. Chang (Samsung Medical Center, Seoul, Korea)
- PE14-6 Learning from the Largest Single-Center Registry of Pulmonary Arterial Hypertension in Korea**  
Ji Hyun Cha (Samsung Medical Center, Seoul, Korea)

## ポスターセッション（日本語）1 (Arrhythmia)

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

### Ablation 1

座長:

永原 大五 (手稲溪仁会病院 循環器内科)

関田 学 (順天堂大学 循環器内科)

**PJ001-1 Initial Experiences, Safety and Efficacy of Diamond Tip Catheter Ablation System in Patients with Paroxysmal Atrial Fibrillation**

山地 博介 (岡山ハートクリニック ハートリズムセンター)

**PJ001-2 Prediction of Recurrence after First-time Ablation in Patients with Atrial Fibrillation Associated with Hypertrophic Cardiomyopathy Using Preoperative Contrast-enhanced Computed Tomography**

福永 寛 (神原記念病院 循環器内科)

**PJ001-3 Comparing the Temperature at Time to Isolation of Pulmonary Vein between Different Two Cryoballoon Ablation Systems**

内田 典哉 (日本赤十字社 愛知医療センター 名古屋第二病院 循環器内科)

**PJ001-4 Incidence and Risk Factors of Vascular Access Complication Associated with Catheter Ablation of Atrial Fibrillation**

小林 芹奈 (日本医科大学 循環器内科)

**PJ001-5 Clinical Importance of B-type Natriuretic Peptide Levels in Sinus Rhythm at 3 Months after Persistent Atrial Fibrillation Ablation**

宜保 雄磨 (昭和大学横浜市北部病院 循環器内科)

**PJ001-6 Clinical Features and Outcomes of Catheter Ablation of Atrial Fibrillation in Patients with Hypertrophic Cardiomyopathy**

藤田 聡 (三重大学 循環器内科学)

**PJ001-7 Catheter Ablation Improves Cardiac Function in Patients with Persistent Atrial Fibrillation, Bundle Branch Block and Systolic Heart Failure**

山口 展寛 (国立病院機構 仙台医療センター 循環器内科)

## ポスターセッション（日本語）2 (IHD)

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

### ACS 1

座長:

佐伯 秀幸 (済生会松山病院 循環器内科)

佐久間 理吏 (獨協医科大学 心臓・血管内科/循環器内科)

**PJ002-1 Efficacy of Single-dose PCSK9 Inhibitor Therapy in Acute Phase after Acute Myocardial Infarction**

清水 智弘 (福井大学医学部附属病院 循環器内科学)

**PJ002-2 Drug-Coated Balloons-Only Angioplasty versus Drug-Eluting Stents Placement for Small Vessels in Patients with Acute Coronary Syndrome**

竹山 太朗 (獨協医科大学埼玉医療センター 循環器内科)

**PJ002-3 Efficacy of Combination Pharmacotherapy on Ventricular Remodeling after Acute Myocardial Infarction in Early Revascularization Era**

原 彩乃 (福岡赤十字病院 循環器内科)

**PJ002-4 Gender Differences of Prognostic Value and Clinical Outcomes for Mechanical Circulatory Support in Acute Coronary Syndrome with Cardiogenic Shock**

青山 里恵 (船橋市立医療センター 心臓血管センター 循環器内科)

**PJ002-5 Evaluation of PCSK9 Inhibitors for Continued Long-Term Use**

後藤 礼司 (愛知医科大学 循環器内科学)

**PJ002-6 Pre-transfer Administration of Aspirin is Associated with Favorable Clinical Outcomes in Patients with ST-elevation Myocardial Infarction**

山田 亮太 (山梨大学 循環器内科学)

**PJ002-7 Comparison between Optical Coherence Tomography and Intravascular Ultrasound for the Guidance of Percutaneous Coronary Intervention in ST-segment Elevation Myocardial Infarction**

松田 祐治 (東京医科歯科大学 循環制御内科学)

## ポスターセッション（日本語）3 (Arrhythmia)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### AF Pharmacotherapy

座長:

萬納寺 洋士（国家公務員共済組合連合会 浜の町病院 循環器内科）

深田 光敬（九州大学病院 血液・腫瘍・心血管内科）

#### PJ003-1 Efficacy of Adjunctive Antiarrhythmic Drug Therapy after Catheter Ablation for Atrial Fibrillation in Patients with Hypertrophic Cardiomyopathy

宮本 真和（岡山大学 循環器内科学）

#### PJ003-2 Application of DOAC Differences in Indications and Contraindications by Country The Usefulness of Collecting Overseas Information

中島 温（医薬品カバナンス研究所うえのあさがおクリニック）

#### PJ003-3 Efficacy of Bepridil as a Periprocedural Support Drug in Atrial Fibrillation Patients with Left Ventricular Systolic Dysfunction Undergoing Catheter Ablation

岡部 浩祐（日本赤十字社 福岡赤十字病院 循環器内科）

#### PJ003-4 Effectiveness of Landiolol for Patients with Atrial Fibrillation and Atrial Tachycardia

綾部 健吾（宮崎市医師会病院 心臓病センター 循環器科）

#### PJ003-5 Factors Related to Discontinuation of Oral Anticoagulants and Influences on Treatment Concern in Patients with Atrial Fibrillation

中丸 遼（東京大学大学院医学系研究科 医療品質評価学）

#### PJ003-6 Efficacy and Safety of Direct Oral Anticoagulants vs Vitamin K Antagonist Anticoagulants in Extreme Elderly Patients with Atrial Fibrillation

石川 哲憲（宮崎大学 内科学講座循環器・腎臓内科学分野）

## ポスターセッション（日本語）4 (Arrhythmia)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### AF/Stroke

座長:

金本 将司（済生会山口総合病院）

篠原 徹二（大分大学 循環器内科・臨床検査診断学講座）

#### PJ004-1 Acute Hemodynamic Effect of Restoration to Sinus Rhythm in Patients with Atrial Fibrillation

小牧 智（福岡大学 心臓血管内科学）

#### PJ004-2 Clinical Outcome of Intra-box Ablation during Cryoballoon Based Posterior Wall Isolation for Persistent Atrial Fibrillation

小田 惇仁（横浜市立みなと赤十字病院 循環器科）

#### PJ004-3 More Effort might Require to Complete Isolated Lesion in Paroxysmal Atrial Fibrillation Ablation than in Non-paroxysmal Atrial Fibrillation

菊池 駿（名古屋徳洲会総合病院）

#### PJ004-4 Association of Stroke Care Unit versus Intensive Care Unit on Mortality in Patients with Acute Ischemic Stroke and Atrial Fibrillation

神田 真人（千葉大学大学院 医学研究院 循環器内科学）

#### PJ004-5 Impact of Atrial Fibrillation Detected by Cardiac Implantable Electronic Devices on Embolic Stroke Events in Cancer Patients

仲野 美代（千葉大学大学院医学研究院 循環器内科学）

#### PJ004-6 Morphological Features on Cardiac CT of Patent Foramen Ovale Causing Cryptogenic Stroke

三木 崇史（岡山大学 循環器内科学）

#### PJ004-7 Thromboelastography (TEG) is Useful for the Intensive Management of Patients Receiving Antithrombotic Therapy: Report of Two Cases

彌永 武史（九州大学 循環器内科学）

## ポスターセッション（日本語）5 (IHD)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### Atherosclerosis Clinical 1

座長:

宮田 昌明 (FJCS) (鹿児島大学医学部保健学科)

永田 拓也 (九州大学病院 循環器内科)

#### PJ005-1 The Impact of Coronary Plaque Progression Stage on Coronary Neovascularization Structures in Fresh Cadavers

川端 豊 (徳島大学病院 循環器内科)

#### PJ005-2 Clinical Implications of Sarcopenic Obesity in Older Patients after Percutaneous Coronary Intervention Treatment

田中 気宇 (長野市民病院)

#### PJ005-3 The Detailed Analysis on the Risk Factors for In-stent Restenosis or Out-of-stent New Lesions after Percutaneous Coronary Angioplasty

鮎澤 祥吾 (筑波大学附属病院水戸地域医療教育センター・水戸協同病院 循環器内科)

#### PJ005-4 Prognostic Impact of Non-High Density Lipoprotein Cholesterol on Clinical Outcomes in Patients with Acute Myocardial Infarction

對馬 迪子 (弘前大学大学院医学研究科 循環器内科)

#### PJ005-5 Systemic Endothelial Function, Plasma Xanthine Oxidoreductase Activity, and Blood Pressure Variability in Patients with Stable Coronary Artery Disease

平賀 崇 (千葉大学 循環器内科)

#### PJ005-6 Vascular Pathology of Critical Limb Ischemia; Comparison of Plaque Characteristics between Anterior and Posterior Tibial Arteries

小山 裕 (日本大学医学部 内科系循環器内科学分野)

#### PJ005-7 What Lipid Profiles Make the Difference between Peripheral Arterial Disease and Coronary Artery Disease?

板倉 大輔 (筑波大学附属病院水戸地域医療教育センター・水戸協同病院 循環器内科)

## ポスターセッション（日本語）6 (Arrhythmia)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### Atrial Fibrillation 1

座長:

平尾 優子 (桜橋渡辺病院 心臓・血管センター)

平山 恭孝 (明石医療センター)

#### PJ006-1 Impact of the Catheter Ablation Timing in Atrial Fibrillation Patients with Prior History of Heart Failure

榎本 善成 (東邦大学医療センター大橋病院 循環器内科)

#### PJ006-2 Right and Left Atrial Phasic Functions in Patients with Sinus Node Dysfunction and Paroxysmal Atrial Fibrillation

戸嶋 優 (秋田大学大学院医学系研究科 循環器内科学)

#### PJ006-3 The Electrophysiological Features of the Left Atrium in Atrial Fibrillation Patients with Left Atrial Appendage Thrombus

杉谷 味保 (兵庫医科大学 循環器・腎透析内科)

#### PJ006-4 Impact of Left Atrial Posterior Wall Isolation on P-wave Morphology in Patients with Atrial Fibrillation

櫻井 竜太郎 (東京慈恵会医科大学 循環器内科)

#### PJ006-5 Left Atrium Low Voltage Areas were Associated with a Poor Clinical Outcome in Patients with Atrial Fibrillation Ablation

上松 弘幸 (関西労災病院)

#### PJ006-6 Impact of a-wave in Left Atrial Pressure for Recurrence of Persistent Atrial Fibrillation after Restoring Sinus Rhythm with Catheter Ablation

土井 駿一 (聖マリ安娜医科大学東横病院 心臓病センター)

#### PJ006-7 Analysis of Characteristics of Recurrence and Late Reconnections after Cryoballoon Ablation in Paroxysmal Atrial Fibrillation Patients

森瀬 昌裕 (虎の門病院 循環器センター内科)

March  
10  
PM

## ポスターセッション（日本語）7 (Arrhythmia)

3月10日(金) 15:05-15:55

ポスター会場 A (マリニメッセ福岡 A 館 1 階「アリーナ」)

### Atrial Fibrillation 2

座長:

上野 亮 (東海大学八王子病院 循環器内科)

長岡 和宏 (聖マリア病院循環器内科)

- PJ007-1 Prolonged P-wave Duration at 3 Months after Catheter Ablation for Persistent Atrial Fibrillation is a Predictor of Atrial Arrhythmia Recurrence**  
山口 展寛 (国立病院機構 仙台医療センター 循環器内科)
- PJ007-2 Relationship between Pre-procedural Non-ischemic ST-segment Depression and the Clinical Outcomes after Catheter Ablation in Persistent Atrial Fibrillation Patients**  
矢野 正道 (大阪労災病院 循環器内科)
- PJ007-3 Comparison of the Cavo-tricuspid Isthmus Ablation or the Superior Vena Cava Isolation Added to Pulmonary Vein Isolation for Atrial Fibrillation**  
神崎 拓 (東京都立広尾病院 循環器科)
- PJ007-4 Potential Predictors for Improvement of Isolated Diastolic Function in Patients with Paroxysmal Atrial Fibrillation Underwent Pulmonary Vein Isolation**  
小松 隆 (公益財団法人 岩手県予防医学協会 循環器内科)
- PJ007-5 Correlation between Existence of a Conduction Gap of Pulmonary Vein Carina and Distance of Pulmonary Vein Carina**  
佐橋 智博 (愛知県厚生農業協同組合連合会 江南厚生病院 循環器内科)
- PJ007-6 Investigation of Factors Affecting Non-improvement of Left Ventricular Ejection Fraction despite No Recurrence of Atrial Fibrillation after Catheter Ablation**  
古山 輝将 (川崎医科大学 循環器内科学)
- PJ007-7 Comparison of the Isolation Area after Pulmonary Vein Isolation in Our Hospital by Various Balloon Devices**  
佐藤 秀範 (東京慈恵会医科大学葛飾医療センター 循環器内科学)

## ポスターセッション（日本語）8 (Prev/Rehab)

3月10日(金) 15:05-15:55

ポスター会場 A (マリニメッセ福岡 A 館 1 階「アリーナ」)

### Cardiac Rehabilitation 1

座長:

吉田 典子 (久留米大学 人間健康学部)

正司 真 (昭和大学医学部内科学講座循環器内科学部門)

- PJ008-1 The Influence on Peak Oxygen Uptake of Different Exercise Intensity Prescription in Outpatient Cardiac Rehabilitation; Constant or Variable Load Method**  
佐伯 一 (地域医療機能推進機構 JCHO 大阪病院 循環器内科)
- PJ008-2 Characteristics of Patients with Sarcopenia in Heart Failure -A Study Using Cardiopulmonary Exercise Testing**  
武田 慎一郎 (中部ろうさい病院 循環器内科)
- PJ008-3 Dementia is a Major Factor for Delaying Physical Ability Improvement in Very Elderly Heart Failure**  
鶴田 芳朗 (名古屋市立大学 循環器内科)
- PJ008-4 Effect of Short Term Home Based Cardiac Rehabilitation on Exercise Tolerance and Mental Stress**  
関 耕三郎 (山口労災病院 循環器内科)
- PJ008-5 Short-term Effectiveness of Heart Failure Educational Inpatient Program to Prevent Hospitalization for Heart Failure**  
吉川 万里江 (東海大学医学部付属病院 循環器内科学)
- PJ008-6 Cardiopulmonary Exercise Testing Predicts the Heart Failure Readmission in Patients with Persistent Atrial Fibrillation**  
島田 博史 (横浜南共済病院 循環器内科)



## ポスターセッション（日本語）9 (Prev/Rehab)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### Cardiac Rehabilitation 2

座長：

臼井 真（国家公務員共済組合連合会浜の町病院）

磯 良崇（FJCS）（昭和大学藤が丘病院 循環器内科）

#### PJ009-1 Too Long Sitting Time in Cardiologists

一戸 貴子（筑波大学附属病院 循環器内科）

#### PJ009-2 The Benefit of Maintenance Phase Cardiac Rehabilitation for Patients after Coronary Artery Bypass Grafting

塩崎 正幸（東京都立多摩総合医療センター 循環器内科）

#### PJ009-3 Utility of a Cardiac Rehabilitation and Those Effects Using Cardiopulmonary Exercise Testing in Patients Undergoing Catheter Ablation for Atrial Fibrillation

前田 真吾（AOI国際病院 不整脈先端治療センター）

#### PJ009-4 Oxygen-supported Cardiac Rehabilitation Feasibly Improves Exercise Capacity and Motivation on Daily Life in Patients with Pulmonary Arterial Hypertension

江口 明世（兵庫医科大学 循環器内科学）

#### PJ009-5 Utility of the Questionnaire-based FRAIL Scale to Assess Physical Frailty and Motor Function in Older CVD Patients with Cognitive Impairment

尾関 智彦（北里大学大学院 医療系研究科）

#### PJ009-6 Increases in Serum Antioxidant Activity of HDL were Attenuated by Intensive Statin Therapy in Patients with Acute Coronary Syndrome

木庭 新治（FJCS）（昭和大学 内科学講座循環器内科学部門）

## ポスターセッション（日本語）10 (IHD)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### Coronary Circulation 1

座長：

宝達 明彦（JCHO金沢病院 内科）

蔵満 昭一（小倉記念病院循環器内科）

#### PJ010-1 The Impact of Myocardial Bridging on the Coronary Functional Test in Patients with Ischemia with Non-obstructive Coronary Artery Disease

寺川 宏樹（JR広島病院 循環器内科）

#### PJ010-2 Resistive Reserve Ratio Predicts Coronary Microvascular Dysfunction in Patients with ST-elevation Myocardial Infarction

平野 正二郎（東邦大学医学部内科学講座 循環器内科学分野）

#### PJ010-3 The Background and Physiological Characteristics in Patients with Normal Fractional Flow Reserve and Abnormal Coronary Flow Reserve

高橋 健（横須賀共済病院 循環器内科）

#### PJ010-4 Impact of Atherectomy Devices on Coronary Microcirculation Assessed by Index of Microcirculatory Resistance

中渡 瀬 智（大阪警察病院）

#### PJ010-5 The Mutation in SUR2B Gene is not Involved in the Genetic Pathogenesis of Coronary Spastic Angina in Humans

澁谷 修司（弘前大学 循環器・呼吸器・腎臓内科）

#### PJ010-6 Differences of the Background and Physiological Characteristics in Patients with Left Ventricular Diastolic Dysfunction

伊藤 諒（総合病院横須賀共済病院 循環器センター）

#### PJ010-7 Sex Differences in the Associations between HDL-cholesterol Levels and Mortality in High-risk Japanese Patients: The ANOX and EXCEED-J Studies

和田 啓道（国立病院機構京都医療センター 展開医療研究部）

## ポスターセッション（日本語）11 (HF/CM)

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

### CT/MRI 1

座長:

船橋 伸禎 (FJCS) (国際医療福祉大学市川病院循環器内科)

坂井 晶子 (東京女子医科大学 循環器内科)

#### PJ011-1 Potential of Stress T1 Mapping for the Assessment of Perfusion Abnormality in Hypertrophic Cardiomyopathy

小菅 寿徳 (東京医科大学 循環器内科)

#### PJ011-2 Importance of Lung Fluid Status Quantification using High Resolution Chest Computed Tomography in Patients with Heart Failure

宇随 弘泰 (FJCS) (福井大学 循環器内科)

#### PJ011-3 Coronary Angiography during First Hospitalization for Heart Failure in Elderly Patients

嘉納 寛人 (心臓血管研究所付属病院 循環器内科)

#### PJ011-4 Utility of Abdominal Computed Tomography Findings in Assessing Organ Congestion in Patients with Acute Heart Failure

難波 悠介 (岡山市立市民病院 循環器科)

#### PJ011-5 Impact of Native T1 Values in Predicting the Severity of Left Ventricular Diastolic Dysfunction in Patients with Hypertrophic Cardiomyopathy

蜂谷 祥子 (東京医科大学 循環器内科)

#### PJ011-6 To Achieve Better FFR-CT, an Optimal Tube-Kilovoltage-Setting is Important in CT Acquisition: Results from Study Using Spectral-CT with Dual-layer Detector

船橋 伸禎 (FJCS) (国際医療福祉大学市川病院 循環器内科)

## ポスターセッション（日本語）12 (HF/CM)

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

### CT/MRI 2

座長:

國本 聡 (FJCS) (川口市立医療センター 循環器科)

加地 修一郎 (FJCS) (関西電力病院 循環器内科)

#### PJ012-1 The Potential of Dynamic 99mTc-sestamibi CZT-SPECT Camera (D-SPECT®) Assessing Myocardial Flow Reserve in Patients with HFpEF

森崎 英典 (日本赤十字社愛知医療センター名古屋第二病院 循環器センター 内科)

#### PJ012-2 The Differences of Prognostic-Factors between Mild ( $30 \leq \text{eGFR} < 60$ ) and Severe ( $\text{eGFR} < 30$ ) Chronic-Kidney-Disease Patients for Major-Adverse-Cardiac-Cerebrovascular-Renal-Events for 5 Years: Sub-Analysis of the Gunma-CKD-SPECT Multi-Center-Study

外山 卓二 (外山内科循環器内科クリニック 循環器内科)

#### PJ012-3 Impact of Left Ventricular Phase Analysis of Intraventricular Dyssynchrony after ACS and the Prognosis for Heart Failure

掛橋 昇太 (福井大学 循環器内科)

#### PJ012-4 Dyssynchrony Indices to Predict Improvement of NYHA Functional Class in Patients with Cardiac Resynchronization Therapy

横田 綾乃 (日本大学 循環器内科)

#### PJ012-5 Evaluating Late Gadolinium Enhancement and Extracellular Volume Fraction Derived from Cardiac Magnetic Resonance Imaging to Distinguish Myocarditis from Cardiac Sarcoidosis

藤田 紘 (神戸大学 循環器内科学)

#### PJ012-6 Feasibility of Short-time Protocols as Point-of-care Cardiac MRI for Heart Failure or Arrhythmia Patients

太田 靖利 (国立循環器病研究センター 放射線部)

#### PJ012-7 Assessment of the Effect of Sacubitril/Valsartan Therapy by Cardiac Magnetic Resonance Imaging Scans

行光 望 (三愛病院 循環器内科)

## ポスターセッション（日本語）13 (Others)

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

### Obesity/SAS

座長:

西坂 麻里 (九州大学循環器内科、西坂医院)

高田 佳史 (東京医科大学 循環器内科/杉並堀ノクリニック)

#### PJ013-1 Obstructive Sleep Apnea Syndrome Alters HDL Proteome

遠藤 康弘 (防衛医科大学校 防衛医学研究センター)

#### PJ013-2 Association between Weight Gain after Smoking Cessation and Future Hypertension

二宮 雄一 (鹿児島大学 心臓血管・高血圧内科学)

#### PJ013-3 Real-World Data in the Management of Hypertension for Patients with Sleep Disordered Breathing after Initiating Continuous Positive Airway Pressure Treatment

天内 士郎 (群馬大学 循環器内科)

#### PJ013-4 Relationship and Characteristics between Disuse Edema and Drug-induced Edema in Bioelectrical Impedance Analysis

時岡 浩二 (岡山市立市民病院 循環器内科)

#### PJ013-5 "Obesity Paradox" in Systolic Heart Failure across the Spectrum of Left Ventricular Ejection Fraction

関矢 圭祐 (国立病院機構信州上田医療センター 循環器内科)

#### PJ013-6 Body Mass Index and Cumulative Clinical Outcomes after Percutaneous Coronary Intervention with Drug-Eluting Stents for Chronic Coronary Syndrome

菊池 優太 (獨協医科大学埼玉医療センター 循環器内科)

## ポスターセッション（日本語）14 (Others)

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

### Health Care/COVID-19

座長:

目時 弘仁 (東北医科薬科大学 衛生学・公衆衛生学)

鬼塚 健 (福岡県済生会二日市病院 循環器内科)

#### PJ014-1 Longitudinal Analysis of Antibody Responses to the mRNA BNT162b2 Vaccine in Patients with Cardiovascular Disease: A 6-month Follow-up

鈴木 杏実 (藤田医科大学大学院 保健学研究科)

#### PJ014-2 Prognostic Value of Electrocardiogram Monitor Findings in Coronavirus Disease (COVID-19)

橋本 英伸 (東京都立荏原病院 循環器内科)

#### PJ014-3 The Trial of Acute Transfer for Patients with Cardiac Disease ~Cardiac Net~

高山 亜美 (新潟大学 循環器分野)

#### PJ014-4 Investigation of Factors Associated with Low Antibody Titer after the Third Vaccination of SARS-CoV-2 mRNA Vaccine

浮村 聡 (大阪医科薬科大学 内科学 III)

#### PJ014-5 Pharmacological Thromboprophylaxis in Hospitalized Patients with Mild COVID-19

竹山 誠 (地域医療機能推進機構東京新宿メディカルセンター 循環器内科)

#### PJ014-6 The Prognostic Factors of COVID-19 Patients during the Fifth Wave in Japan: Experience at Primary COVID Hospital

砂川 昌隆 (東京都立広尾病院 循環器科)

#### PJ014-7 Implementing a Risk-Based Approach in Clinical Trials

村山 敏典 (金沢大学附属病院 臨床開発部)

## ポスターセッション（日本語）15 (Basic Res)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### Heart Failure, Basic 1

座長:

小林 成美（神戸大学医学部附属病院 循環器内科）

池田 昌隆（九州大学循環器内科）

#### PJ015-1 The Effectiveness of Medical Therapy for Patients with HFpEF in a Super-aging Society

田邊 淳也（大阪大学大学院医学系研究科 循環器内科学）

#### PJ015-2 Anserine, an Imidazole Dipeptide, Suppressed Pressure-overload Induced Cardiac Hypertrophy through the Regulation of p300-HAT Activity

砂川 陽一（静岡県立大学 薬学部 分子病態学分野）

#### PJ015-3 演題取り下げ

#### PJ015-4 The Efficacy of Urate Reabsorption Inhibitor on Urinary Albumin in Patients with Chronic Heart Failure

渡辺 友樹（東海大学 循環器内科学）

#### PJ015-5 RGS2 Protects against Right Ventricular Hypertrophy in a Mouse Model of Pulmonary Hypertension

真船 亮（東京大学 小児科）

#### PJ015-6 Impaired Calmodulin Binding Affinity to Ryanodine Receptor Drives Heart Failure with Preserved Ejection Fraction Progression

内田 智之（山口大学 器官病態内科学）

#### PJ015-7 Stabilization of RyR2 with Dantrolene Treatment Prevents Ventricular Tachycardia and Left Ventricular Remodeling in Post Myocardial Infarction Mice

藤井 翔平（山口大学大学院 医学系研究科器官病態内科学）

## ポスターセッション（日本語）16 (Basic Res)

3月10日(金) 15:05-15:55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

### Heart Failure, Basic 2

座長:

金森 寛充（岐阜大学医学部附属病院 循環器内科）

小形 岳寛（京都府立医科大学 細胞分子機能病理学）

#### PJ016-1 Heart Failure Causes Apoptosis of Adipocyte Progenitor Cells and Adipose Volume Loss through Augmented Sympathetic Nerve Activation

竹田 悠亮（金沢大学大学院医薬保健学総合研究科医学専攻 循環器内科学研究分野）

#### PJ016-2 Endothelial SIRT-1 Plays an Important Role in the Maintenance of Capillary in Brown Adipose Tissue

古内 亮（株式会社ブルボン 先端研究所）

#### PJ016-3 Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Left Ventricular Remodeling in Pressure-overloaded Heart Failure Mice

矢野 泰健（山口大学 器官病態内科学）

#### PJ016-4 RTA-dh404 Decreased Oxidative Stress in Mice Ischemic Limbs and Augmented Efficacy of Therapeutic Angiogenesis by Injection of Adipose-derived Regenerative Cells

石崎 勇太（久留米大学 内科 心臓・血管内科）

#### PJ016-5 Experimental Study on Aquaporin 7 and Myocardial Protection with St Thomas' Cardioplegia in Aged Mice

藤井 正大（日本医科大学千葉北総病院 心臓血管外科）

#### PJ016-6 HE4 was Upregulated in HFpEF Heart and Suppression of HE4 Increased aSMA Positive Fibroblast

中嶋 直也（熊本大学 循環器内科）

#### PJ016-7 Anti-fibrotic Signaling Pathway of GLP-1 in Heart Failure

廣瀬 雅教（千葉大学医学部附属病院 循環器内科）

## ポスターセッション（日本語）17 (HF/CM)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### HF, Pharmacology 1

座長:

李 鍾國 (FJCS) (大阪大学医学部附属病院 循環器内科)

江波戸 美緒 (FJCS) (昭和大藤が丘病院 循環器内科)

#### PJ017-1 Clinical Features of Elderly Heart Failure Patients Living Alone

渡部 真吾 (東京山手メディカルセンター 循環器内科)

#### PJ017-2 Early Diuretic Response as Independent Predictor of Re-hospitalization Due to Worsening Heart Failure in Patients with Acute Decompensated Heart Failure

矢島 和裕 (名古屋市立大学医学部附属西部医療センター 循環器内科)

#### PJ017-3 Prognostic Impact of Treatment-Induced Improvement in Left Ventricular Ejection Fraction in Heart Failure with Recovered Ejection Fraction

杉山 美美花 (国立病院機構信州上田医療センター 循環器内科)

#### PJ017-4 The Efficacy and Safety of HIF-PH Inhibitors in the Treatment of Renal Anemia in Patients with Acute Decompensated Heart Failure

増谷 優 (奈良県総合医療センター 循環器内科)

#### PJ017-5 Factors Associated with Recurrent Heart Failure during SGLT2i Therapy

中垣内 昌樹 (富山大学 第二内科)

#### PJ017-6 Efficacy and Safety of Mineralocorticoid Receptor Antagonist Use in Late-Elderly with Heart Failure

蜂矢 健太 (名古屋市立大学医学部附属東部医療センター 循環器内科)

#### PJ017-7 Examine Efficacy and Safety of HIF-PHD Inhibitor for Cardio Renal Anemia Syndrome

神原 貴博 (公立陶生病院 循環器内科)

## ポスターセッション（日本語）18 (HF/CM)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### HF, Pharmacology 2

座長:

表 和徳 (北海道大学病院 循環器内科)

亀村 幸平 (神鋼記念病院 循環器内科)

#### PJ018-1 Risk Factors of the Treatment Discontinuation in Patients Starting Angiotensin-Neprilysin Inhibitor

中島 啓介 (竹山病院 循環器内科)

#### PJ018-2 Prognostic Impact of Tolvaptan on Worsening Clinical Outcome in Patients with HFpEF

志波 幹夫 (大阪警察病院 循環器内科)

#### PJ018-3 Characteristics of Patients Intolerant to Sacubitril Valsartan

田村 夏子 (南多摩病院 循環器科)

#### PJ018-4 Effects of Sodium-Glucose Cotransporter 2 Inhibitors on Exercise Intensity in Outpatient Cardiac Rehabilitation

中村 雅之 (国立病院機構大阪医療センター 循環器内科)

#### PJ018-5 The Association between Door-to-Furosemide Time and Clinical Outcomes of Acute Heart Failure Patients

岡本 峻幸 (安城更生病院 循環器内科)

#### PJ018-6 Impact of Admission Systolic Blood Pressure on the Effect of Guideline-Directed Medical Therapy in Heart Failure with Reduced Ejection Fraction

藤田 亮子 (国家公務員共済組合連合会枚方公済病院 循環器内科)

#### PJ018-7 Efficacy and Safety of Early Use of Tolvaptan in Elderly Patients with Acute Decompensated Heart Failure

岡田 知明 (香川県立中央病院)

## ポスターセッション（日本語）19 (Others)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### Infection/Inflammation/Immunity

座長:

中川 靖章 (京都大学 循環器内科)

林 隆治 (大阪警察病院循環器内科)

#### PJ019-1 Gut Dysbiosis is Associated with Aortic Aneurysm Formation and Progression in Takayasu Arteritis

真鍋 侑資 (国立循環器病研究センター 血管生理学部)

#### PJ019-2 XCR1+ Conventional Dendritic Cell-Induced CD4+ T Helper 1 Cell Activation Exacerbates Cardiac Remodeling after Ischemic Myocardial Injury

乾 洋勉 (大阪大学 循環器内科学)

#### PJ019-3 Clinical Characteristics and Outcomes of Patients with Chronic Systemic Inflammatory Disease in Acute Myocardial Infarction

柳沼 太陽 (千葉大学 冠動脈疾患治療部)

#### PJ019-4 Follow-up of Ischemic Heart Disease Screening in Japanese Hemophiliacs Living with HIV-1

長井 蘭 (国立国際医療研究センター 循環器内科)

#### PJ019-5 Our Results of Infective Endocarditis Surgery Compromised of Preoperative Cerebral Events

豊田 泰幸 (佐久医療センター 心臓血管外科)

## ポスターセッション（日本語）20 (HF/CM)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### Nuclear Cardiology/CT/MRI 1

座長:

田原 宣広 (久留米大学医学部 内科学講座 心臓・血管内科部門)

橋本 亨 (九州大学 循環器内科)

#### PJ020-1 Early-revascularization Strategy and Major Cardiac Events Based on Left Ventricular Dyssynchrony in Patients with Stable CAD Using J-ACCESS Risk Model

田中 雄大 (日本大学 循環器内科)

#### PJ020-2 Non-contrast Evaluation of the Area at Risk in Reperfused Acute Myocardial Infarction with Dual-energy CT Using an Electron Density Image

川平 正継 (桜橋渡辺病院 循環器内科)

#### PJ020-3 Analysis of the Relationship between Blood Flow, Function, and CHA2D2-VASc Score in the LAA and LA Using 4D Flow MRI

大川 陽史 (札幌医科大学 心臓血管外科)

#### PJ020-4 The Usefulness of T1 Mapping in the Prognosis of Hospitalized Heart Failure Patients

小野 幸代 (倉敷中央病院 循環器内科)

#### PJ020-5 Risk Stratification in Coronary Artery Disease Using Myocardial Flow Reserve and Right Ventricular Strain Derived from Semiconductor $\text{NH}_2$ -PET

山本 篤志 (東京女子医科大学 循環器内科学分野)

## ポスターセッション（日本語）21 (IHD)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### Nuclear Cardiology/CT/MRI 2

座長:

神崎 裕美子 (大阪医科薬科大学 循環器内科)

岩永 史郎 (埼玉医科大学国際医療センター)

#### PJ021-1 Evaluation of Coronary Arteries in Dual-energy CT of Pulmonary Vein Imaging for Atrial Fibrillation Ablation

池田 裕之 (福井大学 循環器内科)

#### PJ021-2 Analysis of Coronary Calcification from Binary Coronary Computed Tomographic Angiography (CCTA)

大森 一平 (甲府城南病院 循環器内科)

- PJ021-3 Impairment of Cognitive Function Increases Mortality-risks in Relation to Cardiac Sympathetic Denervation and Renal Dysfunction in Systolic Heart Failure Patients**  
土井 崇裕 (手稲溪仁会病院 循環器内科)
- PJ021-4 Comparison of Diagnostic Performance on Cadmium-zinc-telluride SPECT by the Type of Radiotracer Assessed by Fractional Flow Reserve**  
肥田 敏 (東京医科大学 循環器内科)
- PJ021-5 Diagnostic Value of Planar Technetium-99m Pyrophosphate Scintigraphy in Comparison to SPECT for Evaluating Transthyretin Cardiac Amyloidosis**  
相川 忠夫 (北海道循環器病院 循環器内科)
- PJ021-6 Relationship between Coronary Microvascular Dysfunction Evaluated by Dynamic Single-photon Emission Computed Tomography and Diastolic Dysfunction**  
田中 匡成 (日本医科大学 循環器内科)

## ポスターセッション (日本語) 22 (IHD)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### PCI DCB 1

座長:

山本 孝 (公立甲賀病院 循環器内科)  
大西 祐子 (平塚共済病院 循環器科)

- PJ022-1 Impact of Chronic Kidney Disease on 3-year Outcomes of Drug-Coated Balloon Angioplasty**  
能戸 辰徳 (東邦大学医療センター 大橋病院 循環器内科)
- PJ022-2 Mid-Term Clinical Outcomes of Stent-Less Coronary Intervention Using Rotational Atherectomy and Drug-Coated Balloon for De Novo Lesions in High-Bleeding-Risk Patients**  
白石 淳 (京都第一赤十字病院 循環器内科)
- PJ022-3 Impact of Diabetes on Outcomes with Drug-Coated Balloon for Coronary Artery Diseases**  
阿部 史征 (青梅市立総合病院 循環器内科)
- PJ022-4 Impact of Angiographic Residual In-Balloon Stenosis on Cumulative Mid-Term Clinical Outcomes after Drug-Coated Balloon Angioplasty to De Novo Coronary Stenosis**  
田村 洋平 (獨協医科大学埼玉医療センター 循環器内科)
- PJ022-5 Factors Associated with Fractional Flow Reserve and Resting Index after Percutaneous Coronary Intervention with Drug-Coated Balloon for De-novo Coronary Lesions**  
長瀬 将 (武蔵野赤十字病院 循環器科)
- PJ022-6 Clinical Efficacy of Paclitaxel-Coated Balloon Angioplasty for Patients with Chronic Coronary Syndrome and De Novo Large-Vessel Disease**  
田中 孔明 (新潟市民病院 循環器内科)
- PJ022-7 Investigation about Drug Coated Balloon for Coronary in Stent Occlusion Lesion in Percutaneous Coronary Intervention**  
岸田 登志彦 (済生会横浜市東部病院 循環器内科)

## ポスターセッション (日本語) 23 (IHD)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### PCI DCB 2

座長:

大島 清孝 (市立宇和島病院 循環器内科)  
松尾 仁司 (FJCS) (岐阜ハートセンター 循環器内科)

- PJ023-1 Short-term Efficacy of Drug-coated Balloon for De-novo Coronary Large Vessel Disease**  
大高 直也 (松山赤十字病院 循環器内科)
- PJ023-2 Is Drug-Coated Balloon Angioplasty Useful for Patients with Multiple Vessel Coronary Artery Disease?**  
佐藤 学 (東邦大学医療センター大橋病院 循環器内科)
- PJ023-3 Comparison between 2.0mm Drug-Coated Balloons and 2.0mm Drug-Eluting Stents in Very Small Coronary Artery Interventions**  
川瀬 共治 (広島市立広島市民病院 循環器内科)
- PJ023-4 The Efficacy of Drug Coated Balloon Angioplasty for De Novo Small Vessel Coronary Disease**  
牧田 将徳 (小松市民病院 循環器内科)

- PJ023-5 Current Status of Drug-Coated-Balloon for De Novo Coronary Artery Lesions: The Comparison of 1-year Clinical Outcomes with In-stent Restenosis Lesions**  
友添 漢介 (宮崎市医師会病院 心臓病センター 循環器科)
- PJ023-6 Mid-term Outcomes after Percutaneous Coronary Intervention for In-stent Neoatherosclerosis: Comparison between Drug-coated Balloon and Additional Stenting**  
小林 範弘 (済生会横浜市東部病院 循環器内科)
- PJ023-7 Efficacy of Drug-coated Balloon after Debulking Device Use for Calcified Lesions in De Novo Coronary Artery**  
前田 貴紀 (兵庫県立淡路医療センター 循環器内科)

## ポスターセッション (日本語) 24 (HF/CM)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### HF, Structural Heart Disease 1

座長:

道井 洋吏 (北海道循環器病院 心臓血管外科)

佐藤 克政 (福山循環器病院)

- PJ024-1 The Pressure Gradient and Valve Morphology at Handgrip Stress Test Relate to the Presence of Symptoms in Post-MV Plasty Cases**  
有馬 秀紀 (横浜市立みなと赤十字病院 循環器内科)
- PJ024-2 Identifying Patients with Mitral Regurgitation Using an Electrocardiogram with Convolutional Neural Network**  
佐久間 真悠 (心臓血管研究所 付属病院 循環器科)
- PJ024-3 Coagulation Status after Transcatheter Aortic Valve Implantation in Patients with Hemodialysis**  
片山 大河 (帝京大学 循環器内科学)
- PJ024-4 Research of Prognosis of Chronic Dialysis Patients with Aortic Stenosis**  
伊東 秀崇 (虎の門病院 循環器センター内科)
- PJ024-5 Two-year Outcomes after Transcatheter Edge-to-Edge Repair in Ventricular Functional Mitral Regurgitation with or without Atrial Fibrillation**  
前田 美歌 (済生会熊本病院 心臓血管センター 循環器内科)
- PJ024-6 Medical Illustration of Right Heart System and Tricuspid Valve**  
末次 文祥 (佐賀大学医学部/医療法人末次医院 生体構造機能学講座 解剖学・人類学分野(客員研究員)/循環器内科・心臓血管外科)
- PJ024-7 Research of Risk Factors for Atrial Functional Mitral Regurgitation**  
今泉 朝樹 (白十字病院 心臓弁膜症センター・心臓血管内科)

## ポスターセッション (日本語) 25 (HF/CM)

3月10日(金) 15:05-15:55

ポスター会場 B (マリンメッセ福岡 B 館 1 階「アリーナ」)

### HF, Structural Heart Disease 2

座長:

桃原 哲也 (川崎幸病院 心臓病センター/循環器内科)

神谷 究 (北海道大学 循環病態内科学)

- PJ025-1 Pacemaker Implantation after Transcatheter Aortic Valve Implantation for Structure Valve Deterioration: An Assessment from the LAPLACE TAVI Registry**  
佐藤 圭 (三重大学 循環器内科学)
- PJ025-2 Non-Invasive Measurement of Pulse Wave Velocity Predict Severe Aortic Stenosis in Elderly Patients**  
當間 裕一郎 (琉球大学大学院 医学研究科循環器・腎臓・神経内科学講座)
- PJ025-3 Predictive Value of Machine Learning on Echocardiography for the Death in Patients with Severe Aortic Valve Stenosis**  
三須 彬生 (横浜南共済病院 循環器内科)
- PJ025-4 Mid-term Trend of Hemodynamics Following TEER for Secondary MR**  
田中 修平 (富山大学 第二内科)
- PJ025-5 Chordal Rupture: Acute and Chronic Presentation of Mitral Regurgitation**  
西村 祐希 (近森病院 循環器内科)



**PJ025-6 Percutaneous Mitral Valve Repair Improves Pulmonary Artery Afterload in Patients from Severe Mitral Regurgitation**

和賀 早理 (東邦大学医療センター大橋病院 循環器内科)

**PJ025-7 The Change of Blood Pressure between Atrial FMR and Ventricular FMR in the Acute Phase after Mitra Clip is Different**

福岡 裕人 (昭和大学 循環器内科)

## Case Report Session (English) 3 (IHD)

March 10 (Fri) 13:30–14:50

Case Report Session Room 1 (Marine Messe Fukuoka Hall B 1F Arena)

### Chronic CAD

Chairpersons :

Ichiro Michishita (FJCS) (Department of Cardiology, Yokohama Sakae Kyosai Hospital, Yokohama)

Teruo Inoue (FJCS) (Nasu Red Cross Hospital, Otawara)

**CROE3-1 A Case of Progressive Coronary Aneurysm with Immunoglobulin G4-related Disease**

Kotaro Hamamoto (Department of Cardiology, Hiroshima Prefectural Hospital, Hiroshima)

**CROE3-2 Coronary Ostial Patch-angioplasty, a Novel Surgical Technique Using an External Iliac Artery for 3 Young Female Patients with Takayasu Arteritis**

Takashi Funaki (Department of Cardiology, Sakakibara Heart Institute, Fuchu)

**CROE3-3 The Significant Impact of Left Ventricular Outflow Tract Obstruction on Coronary Physiological Assessment**

Yoshihiro Harano (Department of Cardiovascular Medicine, Gifu Heart Center, Gifu)

**CROE3-4 Three Cases of IgG4-related Coronary Periarthritis**

Yuto Hagiwara (Department of Cardiology, Tenri Yorozu Soudanzo Hospital, Tenri)

**CROE3-5 Index of Microcirculatory Resistance may Differ between Coronary Arteries in Patients with Multi-vessel Vasospastic Angina**

Kazumasa Ikeda (Cardiovascular Center, Miyazaki Medical Association Hospital, Miyazaki)

**CROE3-6 Refractory Coronary Vasospasm Induced by DA-EPOCH-R Therapy in Patients with Diffuse Large B-cell Type Lymphoma**

Shiori Endo (Department of Cardiology, Tokai University Hachioji Hospital, Hachioji)

**CROE3-7 Serial Intravascular Imaging Evidence of an Ultrathin, Biodegradable Polymer Sirolimus-eluting Stent Occurring Very Late Stent Thrombosis Three Years after Implantation**

Takamaru Ishizu (Higashi-osaka City Medical Center, Higashiosaka)

**CROE3-8 Unusual Congenital Stenosis of Inferior Vena Cava Revealed through Angioscopic and Intravascular Ultrasonographic Investigation**

Hideki Usuda (Department of Cardiovascular Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata)

## Case Report Session (English) 4 (IHD)

March 10 (Fri) 16:00–17:00

Case Report Session Room 1 (Marine Messe Fukuoka Hall B 1F Arena)

### Acute Coronary Syndrome

Chairpersons :

Kiyoshi Hironaga (Department of Cardiology, Fukuoka City Hospital, Fukuoka)

Takahiko Naruko (FJCS) (Department of Cardiology, Osaka City General Hospital, Osaka)

**CROE4-1 A 69-Year-Old Man with ST-Elevation after Severe Nosebleeds**

Hiroyuki Asada (Department of Cardiology, Osaka Saiseikai Nakatsu Hospital, Osaka)

**CROE4-2 A Case of Hemodynamic Support by Impella Requiring Multiple Endoscopic Hemostasis for Hemorrhagic Gastric Ulcer**

Sho Hirayama (Niigata University School of Medicine, Niigata)

**CROE4-3 Congenital Absence of Left Coronary Artery Ostium in a Patient Presenting with Broad Anterior ST-elevation Myocardial Infarction**

Manabu Maeda (Cardiovascular Center, Sendai Kousei Hospital, Sendai)

**CROE4-4 Acute Myocardial Infarction and Subsequent Heart Failure Due to Leaflet Thrombosis after Transcatheter Aortic Valve Implantation**

Tomoya Kimura (Department of Cardiology, Japanese Red Cross Wakayama Medical Center, Wakayama)

**CROE4-5 Less-Invasive Approach for Post-infarct Left Ventricular Oozing Rupture with an Impella CP**

Kosuke Fujita (Department of Cardiology, Kindai University Hospital, Osaka)

March  
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## 症例報告セッション（日本語）5 (PDC/Divers/PH)

3月10日(金) 13:30-15:00

症例報告セッション会場2 (マリンメッセ福岡 B 館 1 階「アリーナ特設会場」)

### Pulmonary Circulation and Thrombosis 1

座長:

安河内 聡 (慈泉会相澤病院 エコーセンター)

深井 邦剛 (近江八幡市立総合医療センター 循環器内科)

**CROJ05-1 A Case of Percutaneous Closure of Patent Foramen Ovale in an Elderly Patient with Chronic Thromboembolic Pulmonary Hypertension**

辻永 真吾 (北海道大野記念病院 循環器内科)

**CROJ05-2 Successful Treatment of Pulmonary Arterial Hypertension Using Immunosuppressive Therapy without Pulmonary Vasodilator in a Patient with Connective Tissue Disorder**

天野 佑 (天理よろづ相談所病院 総合診療教育部)

**CROJ05-3 Acute Venodilation Properties of Pulmonary Veno-occlusive Disease by Low-Dose Intravenous Nitroglycerin**

丸山 秀和 (国立病院機構霞ヶ浦医療センター 循環器内科)

**CROJ05-4 A Case of Acute on Chronic Thromboembolic Pulmonary Hypertension Rescued by Venoarterial Extracorporeal Membrane Oxygenation and Balloon Pulmonary Angioplasty**

児玉 泰樹 (雪の聖母会 聖マリア病院 循環器内科学)

**CROJ05-5 Normalization of Pulmonary Artery Pressure without Disease-Specific Therapy in Patient of Primary Sjögren's Syndrome with Pulmonary Arterial Hypertension**

石川 智一 (麻生飯塚病院 循環器内科)

**CROJ05-6 Long-term Prognosis in an Adult Case with Congenital Extrahepatic Portosystemic Shunt after Surgical Intervention**

松本 明紘 (医療生協わたり病院 内科・循環器内科)

**CROJ05-7 Efficacy for Venous Thromboembolism in a Patient with Inherited Antithrombin Deficiency**

河合 紘平 (京都市立病院 循環器科)

**CROJ05-8 Six Cases of Pregnancy-related Venous Thromboembolism**

阿部 萌子 (山梨大学 循環器内科)

**CROJ05-9 An Acute Limb Ischemia Patient with Aorta, Pulmonary Artery, and Deep Venous Thrombosis**

片山 貴史 (時計台記念病院 循環器センター)

## 症例報告セッション（日本語）6 (Surg/SHD)

3月10日(金) 13:30-15:00

症例報告セッション会場3 (マリンメッセ福岡 B 館 1 階「アリーナ特設会場」)

### Echo/Doppler

座長:

平田 久美子 (大阪教育大学)

小柳 左門 (原看護専門学校)

**CROJ06-1 Mid-diastolic Mitral Regurgitation with Interatrial Left-to-right Shunt: Case Series**

畠山 葉月 (秋田大学 循環器内科学)

**CROJ06-2 Two Cases of Severe Heart Failure Successfully Treated with Intrarenal Ultrasound-guided Therapy**

大石 悠香子 (名古屋市立大学 循環器内科)

**CROJ06-3 A Case of Giant Mediastinal Tumor Compressing the Left Atrium: The Influence on Pulmonary Vein Flow and Ventricular Function**

井内 和幸 (かみいち総合病院)

**CROJ06-4 Rare Co-existence of Right Coronary Artery to Right Ventricular Fistulas and Cardiac Sarcoidosis**

廣田 有美 (三重大学医学部附属病院 循環器内科学)

**CROJ06-5 Platypnea-orthodeoxia Syndrome Induced by Aortic Dilatation and Vertebral Compression Fracture**

石塚 尚 (奈良県立医科大学附属病院 循環器内科学教室)

- CROJ06-6 The Role of Echocardiography in the Assessment of Congenital Malformations of the Mitral Valve**  
御鍵 昌史 (福岡大学 心臓血管内科学)
- CROJ06-7 Usefulness of Transesophageal Echocardiography to Diagnose Bilateral Superior Vena Cava in a Patient with Dextrocardia: A Case Report**  
岩崎 司 (埼玉石心会病院 循環器内科)
- CROJ06-8 A Case of Juxtacaval Fat of the Inferior Vena Cava**  
内海 杏香 (北九州市立医療センター 循環器内科)
- CROJ06-9 Left Ventricular False Tendon and Aortic Stenosis Resulted in LV Apex-aortic Pressure Gradient**  
土谷 浩気 (新潟大学 循環器分野)

## 症例報告セッション (日本語) 7 (PDC/Divers/PH)

3月10日(金) 16:00-17:30

症例報告セッション会場2 (マリンメッセ福岡 B 館 1 階「アリーナ特設会場」)

### Pulmonary Circulation and Thrombosis 2

座長:

瀧原 圭子 (FJCS) (大阪大学キャンパスライフ健康支援センター)

酒井 俊 (筑波技術大学 保健科学部)

- CROJ07-1 A Case Report of a Patient with Oesophageal Cancer Complicated by Postoperative PTE with PICC Thrombus as the Embolic Source**  
野中 顕子 (兵庫県立がんセンター 腫瘍循環器科)
- CROJ07-2 Thrombosis in the Aortic Arch Due to Hereditary Antithrombin Resistance**  
中村 葉奈 (倉敷中央病院 循環器内科)
- CROJ07-3 A Case of Pulmonary Embolism Treated with Catheter-directed Thrombolysis for a Giant IVC Thrombosis That Developed despite Anticoagulant Therapy**  
中田 悠貴 (東京女子医科大学附属足立医療センター 心臓血管診療部)
- CROJ07-4 Two Cases of Straddling Thrombus via Patent Ductus Arteriosus**  
仙場 志保 (秋田大学 循環器内科学)
- CROJ07-5 Left Ventricular Thrombus in a Patient with Nephrotic Syndrome Associated with Hepatitis C**  
鵜飼 一穂 (独立行政法人国立病院機構 大阪医療センター 循環器内科)
- CROJ07-6 Difficulty in Differentiating between Prosthetic Valve Endocarditis and Hypoattenuated Subvalvular Thickening in Patient after Transcatheter Aortic Valve Replacement**  
数井 翔 (北海道大学 循環病態内科学)
- CROJ07-7 Thrombus Formation in the Left Atrium after Radiofrequency Catheter Ablation**  
小松 洵也 (近森病院 循環器内科)
- CROJ07-8 A Case of Paradoxical Embolism Complicated with Pulmonary Thromboembolism**  
黒瀬 裕樹 (東北医科薬科大学 内科学第一 (循環器内科))
- CROJ07-9 Recurrent Subclavian Artery Thrombosis in a Patient Underwent an Open Reduction Internal Fixation Using Kirschner Wire in the Right Clavicle**  
見越 正礼 (庄原赤十字病院 循環器内科)

## 症例報告セッション (日本語) 8 (Others)

3月10日(金) 16:00-17:30

症例報告セッション会場3 (マリンメッセ福岡 B 館 1 階「アリーナ特設会場」)

### Others

座長:

木島 祥行 (FJCS) (堺市立総合医療センター 循環器内科)

池田 聡司 (FJCS) (長崎大学 循環器内科)

- CROJ08-1 Carney Complex Diagnosed in the Remote Stage after Cardiac Myxoma Resection**  
児玉 浩幸 (福岡和白病院 循環器内科)
- CROJ08-2 A Case Report of Left Atrium Intimal Sarcoma**  
山屋 昌平 (岩手県立宮古病院 循環器科)
- CROJ08-3 Changes in Myocardial Tissue Characteristics on Magnetic Resonance Imaging in a Patient with Acute Myocarditis Following mRNA COVID-19 Vaccination**  
藤原 遼 (奈良県西和医療センター 循環器内科)

- CROJ08-4 A Case of Cardiac Tamponade after Hiatal Hernia Repair with Tack Fixation of the Mesh**  
田原 奈津子 (神戸赤十字病院 循環器科)
- CROJ08-5 Pitfalls in Antibacterial Therapy with Rifampicin for Mechanical Valve Endocarditis; The King of Drug Interactions**  
本田 遼佑 (愛媛大学 循環器・呼吸器・腎高血圧内科学)
- CROJ08-6 Calcified Amorphous Tumor: Uncommon Origin of Stroke**  
上野 泰祐 (地方独立行政法人市立東大阪医療センター 循環器内科)
- CROJ08-7 A 70-year-old Man with Old Myocardial Infarction Improved His Exercise Capacity Taking Gosyajinkigan, a Japanese Kampo Medicine**  
江崎 裕敬 (所沢ハートセンター 循環器科)
- CROJ08-8 A Case of Heart Failure with Obesity Complicated with Severe Type 2 Respiratory Failure and Low BNP Level**  
南川 竜輔 (石川県立中央病院 循環器内科)
- CROJ08-9 A Case Report of Pulmonary Embolism in the Morbidly Obese Patient with Hypoventilation Syndrome**  
磯田 徹 (横須賀市立うまち病院 循環器内科)

## 学術集会プログラム部会 2

3月10日(金) 16:00-17:30

第21会場 (マリンメッセ福岡 B館 1階「アリーナ特設会場」)

コメディカル賞審査講演会【検査・治療部門】

座長:

泉 知里 (FJCS) (国立循環器病研究センター 心臓血管内科部門心不全科)

真下 泰 (交雄会新さっぽろ病院 臨床工学技士)

- 致死性不整脈に対し適切な ICD 治療が行われなかった ICD/CRT-D 患者の解析  
阪野 有希菜 (藤田医科大学 ばんだね病院 臨床工学部)
- 肺静脈隔離術後の心拍変動の推移について  
菊地 隆司 (虎の門病院 臨床生理検査部)
- 虚血性心疾患患者における冠動脈ステント留置後の上部ならびに下部消化管出血発症率とその患者背景  
植田 育子 (慶應義塾大学 呼吸循環器内科)
- 肺高血圧症における動態撮影を用いた肺血流評価に関する検討  
矢嶋 竜征 (杏林大学医学部付属病院 放射線部)
- 成人先天性心疾患患者の疾患重症度別でのセルフケア行動の特徴と必要な支援の検討  
山崎 啓子 (福岡看護大学 看護学部)
- 診療看護師 (NP) による在宅慢性心不全患者の管理は再入院リスクを軽減できるか  
黒澤 恵美子 (東北医科薬科大学病院)

## チーム医療セッション 一般演題 (口述) 2

3月10日(金) 17:40-18:40

第23会場 (マリンメッセ福岡 B館 2階「会議室2」)

心疾患のリハビリテーション

座長:

網川 真太郎 (九州大学大学院医学研究院 循環器内科)

加藤 倫卓 (常葉大学 健康科学部)

- CO2-1 心不全患者における 6 分間歩行試験後の Heart Rate Recovery の臨床的有用性の検討**  
高橋 博正 (北里大学 医療系研究科)
- CO2-2 後期高齢心不全入院患者における 1 年後の臨床転機に退院前の Short Physical Performance Battery の有用性について**  
岩崎 孝俊 (みなみ野循環器病院 リハビリテーション科)
- CO2-3 20 分間の体操を 3 か月実施後の安静時心血管指標の変化とその後の体操継続の有無による指標の変化**  
田中 みどり (姫路獨協大学 医療保健学部)
- CO2-4 心疾患患者において大腿直筋厚は運動耐容能の層別化が可能な指標である**  
須山 竜二 (松江赤十字病院 リハビリテーション部門)
- CO2-5 心大血管疾患患者における骨格筋の質と量が慢性心房細動のリスクと関連する**  
坂本 翔太 (岩槻南病院 心臓リハビリテーション科/順天堂大学 スポーツロジセンター)

**CO2-6 外来心臓リハビリテーションが心血管疾患患者の PhA に与える影響**  
北山 達郎 (いたばし・ハートクリニック リハビリテーション科)

**チーム医療セッション 一般演題 (ポスター) 1**

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

リハビリテーション (心臓外科手術)

座長:

横山 泰孝 (順天堂大学医学部附属順天堂医院 心臓血管外科)

**CP01-1 心臓外科手術前後における運動耐容能の変化に関連する因子**

井上 魁 (帝京大学医学部附属病院 リハビリテーション部)

**CP01-2 高齢の植込型左室補助人工心臓装着患者に対する運動療法の効果に関する検討**

鎌田 理之 (大阪大学医学部附属病院 リハビリテーション部)

**CP01-3 緊急冠動脈バイパス術後患者に対して、理学療法が有用であった一症例**

古市 和希 (社会医療法人天神会 新古賀病院 リハビリテーション課)

**CP01-4 急性大動脈解離患者における病型の違いによる骨格筋形態変化の差異**

澁谷 真香 (北里大学病院 リハビリテーション部)

**CP01-5 当院における Destination Therapy 目的の植込型 VAD を装着患者のリハビリテーション経過**

天尾 理恵 (東京大学病院 リハビリテーション部)

**CP01-6 糖尿病合併は冠動脈バイパス術後 6 分間歩行距離の回復に影響を及ぼすか?**

荒木 直哉 (熊本大学病院 心臓血管外科)

**チーム医療セッション 一般演題 (ポスター) 2**

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

緩和ケア・ACP

座長:

若林 留美 (東京女子医科大学病院 看護部)

**CP02-1 患者の思いを途切れさせない ACP 支援**

堀内 ゆうき (福岡大学病院 看護部)

**CP02-2 病診連携による一時的な在宅療養を行い心不全緩和に取り組んだ 2 例**

土肥 真之助 (福岡大学西新病院 看護部)

**CP02-3 「死の受容プロセス」を通して、心不全末期患者との関わりを振り返る**

早川 真由子 (社会福祉法人函館厚生院 函館中央病院)

**CP02-4 心不全によって重要他者を亡くした遺族ケアの現状と課題: スコーピングレビュー**

堀川 由加里 (地方独立行政法人 東京都健康長寿医療センター)

**CP02-5 末期心不全患者の QOL の分析～Advance Care Planning (ACP) を実践した一症例～**

下川 静 (福岡赤十字病院 看護部)

**CP02-6 A 病院循環器関連病棟看護師の心不全・意思決定支援 (ACP) についての調査報告**

鍛冶 優子 (JA秋田厚生連平鹿総合病院 看護部 リハビリテーション科)

**CP02-7 High-power デバイス植込み患者の終末期における除細動機能停止状況**

寺崎 義貴 (埼玉医科大学国際医療センター 心臓病脳卒中センター外来)

**チーム医療セッション 一般演題 (ポスター) 3**

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

症例報告 (デバイス・心臓リハビリテーション)

座長:

鈴木 敦 (東京女子医科大学心臓病センター 循環器内科)

**CP03-1 冠動脈バイパス術後、心室頻拍に対して開胸下で心外膜アブレーションを施行した 1 例**

大古 真由実 (兵庫県立淡路医療センター 臨床工学室)

**CP03-2 ペースメーカーの遠隔モニタリング中、定期送信された心内心電図にて頻発する無症候性オーバーセンシングが発見された 1 例**

土井 房恵 (AOI国際病院 ME部)

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PM

- CP03-3** リチウム中毒により一時的ペースメーカー挿入に至った2症例：造影剤とフェノチアジン系併用の影響  
眞野 裕（社会医療法人生長会 ベルランド総合病院 薬剤科）
- CP03-4** 腸腰動脈出血のIVR施行後に大腿神経麻痺を認めた高齢心不全患者の急性期理学療法～運動負荷に留意し反復動作学習に着目した1症例～  
森田 和弥（独立行政法人 労働者健康機構 横浜労災病院 中央リハビリテーション部）
- CP03-5** アミオダロン内服下における高強度インターバルトレーニングの安全性の検討～僧帽弁形成術後に不整脈を認めた症例～  
國原 勇人（AOI国際病院 リハビリテーション部）
- CP03-6** 拡張型心筋症を罹患した2症例における運動耐容能の改善の有無と日常生活における嫌気性代謝閾値以上の活動時間の検討  
笠井 佑哉（医療法人 相志和診会 岩間循環器内科）
- CP03-7** Chronotropic Incompetenceによる息切れを認め、安静度拡大に難渋した超高齢心不全患者の一例  
吉田 希望（独立行政法人 労働者健康安全機構 横浜労災病院 中央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）4

3月10日（金） 15：05～15：55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

エコー検査

座長：

宇宿 弘輝（熊本大学病院 中央検査部）

- CP04-1** 下肢静脈エコーで検出された新旧混在型静脈血栓の危険因子と特徴的な超音波所見の検討  
坪内 啓正（福岡県済生会病院 放射線技術部）
- CP04-2** がん種別の深部静脈血栓症スクリーニングに最適なDダイマー値の検討  
村田 桃子（国立がん研究センター東病院 臨床検査部）
- CP04-3** 腓腹筋径を用いた担がん患者における深部静脈血栓退縮効果の検討  
鳥居 裕太（神戸市立医療センター中央市民病院 臨床検査技術部）
- CP04-4** がん患者の深部静脈血栓症スクリーニングを目的とした至適カットオフ値の検討  
村田 桃子（国立がん研究センター東病院）
- CP04-5** 左室駆出率保持例における左房拡大と左房ストレイン低下の頻度  
岡田 一範（日本医療大学 保健医療学部臨床検査学科）

## チーム医療セッション 一般演題（ポスター）5

3月10日（金） 15：05～15：55

ポスター会場A（マリンメッセ福岡A館 1階「アリーナ」）

チーム医療1

座長：

小笠原 由紀（呉医療センター・中国がんセンター 看護部）

- CP05-1** 急性期病棟における心不全療養指導士が退院前・退院後訪問指導を行ったことで得られた結果  
藤野 友里名（医療法人徳洲会 吹田徳洲会病院）
- CP05-2** 心不全療養指導士による心不全患者の退院後フォローアップの取り組み  
石原 真由美（地方独立行政法人 岐阜県総合医療センター 看護部）
- CP05-3** 当院の心不全療養指導士の取り組み～パス作成・療養支援の現状と今後の課題～  
伊藤 紗知世（茨城県立中央病院）
- CP05-4** 心不全指導における心不全療養指導士としての取り組みと今後の課題  
桑山 さつき（独立行政法人 国立病院機構 金沢医療センター 看護部）
- CP05-5** 心不全療養指導士による心不全チームの改革とチーム再構築の取り組み  
石原 真由美（地方独立行政法人 岐阜県総合医療センター 看護部）
- CP05-6** 心不全多職種チームにおける看護師の役割～当院における取り組みと心不全療養指導士としての働き～  
平島 洸（福岡赤十字病院 看護部）

## チーム医療セッション 一般演題（ポスター）6

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

不整脈・アブレーション 1

座長:

遠田 賢治 (北斗病院 循環器内科)

**CP06-1 COHERENT map と Local Activation Time map による肺静脈隔離における生理的ブロックラインの描出能検討**

高岡 循子 (神戸市立医療センター中央市民病院 臨床工学技術部)

**CP06-2 CARTO voltage map が僧帽弁輪ライン作成に有用であった WPW 症候群の 1 例**

日高 芳蔵 (医療法人社団 葵会 AOI 国際病院 臨床工学部)

**CP06-3 CARTO3 ver.7.2 ICPM を用いた PAC mapping の検討**

北原 吹雪 (名古屋ハートセンター 臨床工学科)

**CP06-4 心房細動アブレーションでの hyper short duration strategy における Contact Force Stability と治療効果に関する検討**

鈴木 拓人 (国際医療福祉大学病院 臨床工学部)

**CP06-5 PSVT 症例に対し、3D Mapping system を使用した Zero fluoroscopy Ablation の検討**

山田 剛士 (川崎幸病院 CE科)

## チーム医療セッション 一般演題（ポスター）7

3月10日(金) 15:05-15:55

ポスター会場 A (マリンメッセ福岡 A 館 1 階「アリーナ」)

症例報告 (急性疾患と多職種連携)

座長:

村田 誠 (群馬県立心臓血管センター 循環器内科)

**CP07-1 急性冠症候群の初期診断における導出 18 誘導心電図の有用性に関する報告**

安田 奈央 (名古屋掖済会病院 臨床工学部)

**CP07-2 心エコー図検査時の問診が包括的高度慢性下肢虚血の早期診断につながった一例**

中倉 真之 (京都第一赤十字病院 検査部)

**CP07-3 開心術を含めた集学的治療を行う過程で多職種連携による円滑な母児サポートを行うことができた産褥期感染性心内膜炎の 1 例**

山田 和世 (姫路赤十字病院 看護部)

**CP07-4 急性大動脈解離が原因の心筋梗塞と心室内血栓症を一時に発症した症例の長期フォロー～維持期リハの必要性と在り方を考える**

関原 啓介 (医療法人社団 石橋内科 通所リハビリテーション杏の里 VI・VII)

**CP07-5 COVID-19 ワクチン関連心筋炎疑いにより心室細動を繰り返し生命維持装置による管理を要したが心機能が改善し社会復帰を果たした一例**

小島 尚子 (北海道大学病院 リハビリテーション部)

**CP07-6 CPET および骨格筋評価から CABG 術後の心臓リハビリテーションの導入が有用であった一症例**

古川 拓朗 (公立陶生病院 中央リハビリテーション部)

**CP07-7 急性心筋梗塞後、Ischemic MR に伴う心不全を合併し、ADL 改善に難渋した症例**

飯島 祥太 (独立行政法人労働者健康安全機構 横浜労災病院 中央リハビリテーション部)

## 日本循環器連合 up-to-date セミナー「日本心血管インターベンション治療学会」1

3月10日(金) 13:30-14:30

第7会場 (福岡国際会議場 2 階「202」)

COVID-19 パンデミック禍における冠動脈血行再建治療

座長:

伊藤 裕二 (FJCS) (東海大学医学部付属病院 内科学系循環器内科学)

上妻 謙 (FJCS) (帝京大学医学部附属病院 循環器内科)

演者:

1. COVID-19 パンデミックの STEMI に対する primary PCI への影響

高橋 玲比古 (医療法人社団さくら会 高橋病院 循環器内科)

2. COVID-19 における心臓カテーテル手技の実地経験

岩田 幸代 (兵庫県立加古川医療センター 循環器内科)



### 3. CVIT COVID-19 アンケート調査から見えるもの

石井 秀樹 (FJCS) (国立大学法人 群馬大学)

### 4. CVIT 新型コロナウイルスパンデミック下の感染対策についての提言と課題

山田 慎一郎 (北播磨総合医療センター 循環器内科)

## 日本循環器連合 up-to-date セミナー「外科連合(日本心臓血管外科学会、日本胸部外科学会、日本血管外科学会)」2

3月10日(金) 14:30-15:30

第7会場 (福岡国際会議場 2階「202」)

### 末梢動脈疾患治療の up-to-date

座長:

三井 信介 (済生会八幡総合病院)

保科 克行 (東京大学医学部附属病院 血管外科)

演者:

#### 1. 非動脈硬化性末梢動脈疾患診療の up-to-date

尾原 秀明 (慶應義塾大学 外科)

#### 2. CLTI への血行再建戦略 up-to-date

児玉 章朗 (愛知医科大学 外科学)

#### 3. 膝窩動脈瘤や瘤由来塞栓症治療の up-to-date

出口 順夫 (埼玉医科大学総合医療センター 血管外科)

#### 4. 腹部内臓動脈疾患治療の up-to-date

重松 邦広 (国際医療福祉大学三田病院 血管外科)

## AHA ECC-JCS Joint Symposium (教育研修・集中救急委員会) 1

3月10日(金) 16:00-17:30

第23会場 (マリンメッセ福岡 B館 2階「会議室2」)

### メディカルコントロール協議会と循環器救急

座長:

大倉 宏之 (FJCS) (岐阜大学)

菊地 研 (獨協医科大学)

演者:

#### 1. メディカルコントロールと救急搬送プロトコル および救急救命士への教育

竹内 一郎 (横浜市立大学)

#### 2. メディカルコントロールと急性冠症候群 および救急救命士への教育

田原 良雄 (FJCS) (国立循環器病研究センター)

#### 3. メディカルコントロールと心不全 および救急救命士への教育

佐藤 直樹 (かわぐち心臓呼吸器病院)

#### 4. メディカルコントロールと大動脈解離 および救急救命士への教育

今村 浩 (FJCS) (信州大学)



## Sponsored Symposium 2

3月10日(金) 13:30-15:00

第6会場 (福岡国際会議場 2階「201」)

心不全における入院中・退院時のうっ血評価 そのうっ血取りきれているか?~うっ血を極める~

座長:

柴田 龍宏 (久留米大学病院 高度救命救急センターCCU)

齋藤 秀輝 (聖隷浜松病院 循環器科)

1. 入院中・退院時のうっ血評価 侵襲的方法を用いて  
加来 秀隆 (JCHO九州病院 内科・循環器科)
2. 入院中・退院時のうっ血評価 エコー所見を用いて  
門田 宗之 (徳島大学病院 循環器内科 (卒後臨床研修センター))
3. 入院中・退院時のうっ血評価 身体所見・マーカーを用いて  
生駒 剛典 (浜松医科大学 内科学第三講座)

コメンテーター:

谷口 達典 (大阪大学国際医工情報センター)

長央 和也 (大阪赤十字病院 心臓血管センター 循環器内科 (京都大学大学院医学研究科循環器内科学))

共催: 大塚製薬株式会社 メディカル・アフケアーズ部

## Sponsored Symposium 3

3月10日(金) 13:30-15:00

第12会場 (福岡国際会議場 4階「411」)

心房細動アブレーションの現在地

座長:

村上 正人 (湘南鎌倉総合病院 循環器科)

1. PVI 抵抗性心房細動に high-resolution substrate mapping で挑む low-voltage, fractionation, slow conduction, rotational activity 犯人は誰だ! ?  
増田 正晴 (関西労災病院 循環器内科)
2. 冷凍アブレーション “POLARx™” を使いこなす  
稲葉 理 (さいたま赤十字病院 循環器内科)

共催: ボストン・サイエンティフィック ジャパン株式会社

## Sponsored Symposium 4

3月10日(金) 16:00-17:30

第6会場 (福岡国際会議場 2階「201」)

温度コントロールと vHPSD を活用した最近の心房細動治療~Initial Clinical Experience in Japan~

座長:

合屋 雅彦 (東京医科歯科大学病院 循環器内科)

1. QDOT MICRO™ の初期使用経験  
井上 耕一 (大阪医療センター 循環器内科)
2. vHPSD をどう活用するか~Biophysics と初期臨床経験から~  
滝川 正晃 (東京医科歯科大学病院 循環器内科)
3. Combo Workflow による最新の心房細動治療~安全、有効かつ効率的な治療のために何が必要なのか~  
木村 正臣 (弘前大学大学院医学研究科 不整脈先進治療学講座)

共催: ジョンソン・エンド・ジョンソン株式会社

## Fireside Seminar 1

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3月10日(金) 17:50-18:40

第2会場 (福岡サンパレス 2階「パレスルーム A」)

慢性心不全を回避するために心疾患治療介入時期を考える

座長:

筒井 裕之 (九州大学)

里見 和浩 (東京医科大学)

1. 上野 博志 (富山大学)

2. 山口 尊則 (佐賀大学)

共催: アボットメディカルジャパン合同会社

## Fireside Seminar 2

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3月10日(金) 17:50-18:40

第3会場 (福岡サンパレス 2階「パレスルーム B」)

The importance of right ventricular evaluation in risk assessment and therapeutic strategies

座長:

Sébastien Bonnet (Laval University)

Harm Jan Bogaard (Amsterdam University Medical Centers)

Irene Marthe Lang (Medical University of Vienna)

共催: ヤンセンファーマ株式会社/日本新薬株式会社

## Fireside Seminar 3

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3月10日(金) 17:50-19:20

第8会場 (福岡国際会議場 2階「203」)

循環器内科医が知るべき Destination Therapy

座長:

絹川 弘一郎 (富山大学附属病院)

寺島 充康 (豊橋ハートセンター)

1. インターベンション医からみた DT

大野 洋平 (東海大学医学部附属病院)

2. 不整脈医からみた DT

山崎 浩 (筑波大学附属病院)

3. 実施施設からみた DT の真価

塚本 泰正 (国立循環器病研究センター)

共催: アボットメディカルジャパン合同会社

## Fireside Seminar 4

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3月10日(金) 17:50-18:40

第9会場 (福岡国際会議場 2階「204」)

心不全・心臓突然死に対するデバイス治療の有用性～日本のデータからの考察～

座長:

池田 隆徳 (東邦大学大学院医学研究科 循環器内科学)

1. 国内臨床試験から日本人の突然死予防を検討する

石橋 耕平 (国立循環器病研究センター 不整脈科)

2. そうだったのか! 非薬物治療の最前線-CRT 治療の道しるべ

野田 崇 (東北大学病院 循環器内科)

共催: ボストン・サイエンティフィック ジャパン株式会社/日本ライフライン株式会社

## Fireside Seminar 5

3月10日(金) 17:50-18:40

第11会場(福岡国際会議場 4階「413+414」)

心房マッピングは何が変わるのか?~多様な視点から紐解く New Technology~

座長:

桑原 大志(東京ハートリズムクリニック)

1. OCTARAY®カテテルが拓く新しい voltage map 新時代  
増田 正晴(関西労災病院 循環器内科)
2. OCTARAY®の臨床使用経験~TRUEref® Technology を再考する~  
佐藤 公洋(名古屋ハートセンター 循環器内科)
3. High density & Speedy mapping がもたらす臨床的診断の質の変化~PENTARAY®からの進化~  
永島 道雄(小倉記念病院 循環器内科)

共催: ジョンソン・エンド・ジョンソン株式会社

## Fireside Seminar 6

3月10日(金) 17:50-18:40

第12会場(福岡国際会議場 4階「411」)

今こそ知りたい、弁膜症治療—地域で取り組む診断から治療まで—

座長:

塩瀬 明(九州大学 大学院医学研究院)

1. 知ってもらいたい 大動脈弁狭窄症のお話  
白井 伸一(小倉記念病院)
2. TAVI 治療、これまでの 10 年とこれから  
高木 健督(国立循環器病研究センター)

ディスカッサー:

三枝 達也(信州大学医学部附属病院)  
若瀧 麻衣(産業医科大学)

共催: 日本メドトロニック株式会社

## Fireside Seminar 7

3月10日(金) 17:50-18:40

第13会場(福岡国際会議場 4階「412」)

重要性を増す冠微小循環障害

座長:

横井 宏佳(福岡山王病院)  
下川 宏明(国際医療福祉大学)

1. 心筋虚血における冠微小循環障害の意義  
角田 恒和(土浦協同病院)
2. 重要性を増す冠微小循環障害と J-CMD の設立  
下川 宏明(国際医療福祉大学)

共催: 日本冠微小循環障害研究会 後援: 日本心臓財団

## Fireside Seminar 8

3月10日(金) 17:50-18:40

第18会場(マリンメッセ福岡 A館 2階「会議室 2」)

日本人ファミリー病患者における心病変の特徴と長期酵素補充療法の効果

座長:

泉 知里(国立循環器病研究センター 心不全・移植部門)  
本郷 賢一(東京慈恵会医科大学 循環器内科)

共催: 武田薬品工業株式会社