

**Special Lecture 11 特別講演 11**

---

March 31 (Sun) 15 : 10—15 : 55

503, 5F, Conference Center

Chairperson :

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

**Transcriptional Control of Cardiac Regeneration and Reprogramming**

Eric N. Olson (UT Southwestern Medical Center, USA)

**Special Lecture 12 特別講演 12**

---

March 31 (Sun) 15 : 55—16 : 40

503, 5F, Conference Center

Chairperson :

Tetsuji Miura (Department of Cardiovascular, Renal and Metabolic Medicine, Sapporo Medical University, Sapporo)

**Heart Failure: Two Inflammatory Tales**

Joseph A. Hill (UT Southwestern Medical Center, USA)

**Invited Lecture 12 招聘講演 12**

---

March 31 (Sun) 13 : 30—14 : 00

502, 5F, Conference Center

Chairperson :

Yasuki Kihara (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical & Health Sciences, Hiroshima)

**Prevention of Drug-induced Torsade de Pointes**

Richard Kovacs (American College of Cardiology, USA)

**Invited Lecture 13 招聘講演 13**

---

March 31 (Sun) 14 : 00—14 : 30

502, 5F, Conference Center

Chairperson :

Hiroshi Itoh (Department of Cardiovascular Medicine, Okayama University Graduate School of Medicine, Okayama)

**The Current and Future Impact of TAVR on Cardiovascular Medicine - My Crystal Ball for the Next Decade**

Eberhard Grube (University Hospital Bonn, Germany)

**Invited Lecture 14 招聘講演 14**

---

March 31 (Sun) 14 : 30—15 : 00

502, 5F, Conference Center

Chairperson :

Yoshihiko Saito (Department of Cardiovascular Medicine, Nara Medical University, Kashihara)

**25 Years of Cardiac Tissue Engineering -A Translational Journey**

Thomas Eschenhagen (University Medical Center Hamburg-Eppendorf, Germany)

**Invited Lecture 15 招聘講演 15**

---

March 31 (Sun) 15 : 10—15 : 40

502, 5F, Conference Center

Chairperson :

Akihiko Nogami (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

**Stroke Prevention in Patients with Atrial Fibrillation: Lessons from the Clinical Trials and Big Data Analysis**

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

## Invited Lecture 16 招聘講演 16

---

March 31 (Sun) 15 : 40 – 16 : 10

502, 5F, Conference Center

Chairperson :

Takanori Ikeda (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)

### Catheter Mapping/Ablation of Brugada Syndrome: Japanese Experience

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

## Invited Lecture 17 招聘講演 17

---

March 31 (Sun) 16 : 10 – 16 : 40

502, 5F, Conference Center

Chairperson :

Yasunobu Hirata (Tokyo Teishin Hospital, Tokyo)

### Aortic Aneurysm and Dissection: The Translational Journey from Marfan to Sartan and Back

Bart L. Loeys (University of Antwerp, Belgium/Antwerp University Hospital, Belgium)

## Plenary Session 13 (SHD)

---

March 31 (Sun) 13 : 30 – 15 : 00

301, 3F, Conference Center

### Comprehensive Management for Critical State of Acute Myocardial Infarction

Chairpersons :

Antonio Colombo (EMO GVM Centro Cuore Columbus, Italy/San Raffaele Hospital, Italy)

Morimasa Takayama (Department of Cardiology, Sakakibara Heart Institute, Fuchu)

State-of-the-Art :

#### 1. My View Regarding Complex Coronary Interventions

Antonio Colombo (EMO and GVM Laboratories, Lugo and Milan, Italy)

#### 2. Temporal Trends in Emergency Care and Outcomes of Geriatric Patients with Acute Myocardial Infarction -Report from the Miyagi AMI Registry-

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

#### 3. Impact of PCI for Left Main Culprit Lesion on In-Hospital Mortality: Report from the Japan Acute Myocardial Infarction Registry (JAMIR)

Kensaku Nishihira (National Cerebral and Cardiovascular Center, Suita)

#### 4. Impact of Extracorporeal Membrane Oxygenation (ECMO) and Intra-Aortic Balloon Pump (IABP) for Cardiogenic Shock after Cardiac Arrest

Norihiro Kuroki (Tokyo CCU Network, Scientific Committee, Tokyo/Department of Cardiology, Tokyo Metropolitan Bokutoh Hospital, Tokyo)

#### 5. JCS Board-certified Cardiologists Positively Impact on the Prognosis of Acute Myocardial Infarction with Cardiogenic Shock: The JROAD/JROAD-DPC study

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

#### 6. Early Resuscitation of Cardiogenic Shock by Cooperation of Emergency Medical System and Cardiovascular Intensive Care Unit

Hiroshi Imamura (Department of Emergency and Critical Care Medicine, Shinshu University, Matsumoto)

## Plenary Session 14 (HF/CM)

---

March 31 (Sun) 15 : 10 – 16 : 40

301, 3F, Conference Center

### How Do We Manage Adults with Fontan Circulation?

Chairpersons :

Peter Zartner (German Pediatric Heart Center, Germany)

Hideo Ohuchi (Department of Pediatric Cardiology, National Cerebral and Cardiovascular Center, Suita)

State-of-the-Art :

#### 1. How Do We Manage Adults with Fontan Circulation? (State of the Art)

Peter Zartner (German Paediatric Heart Centre, Sankt Augustin, Germany)

March  
31  
PM

- 2. Increased Circulating Blood Volume as a Compensatory Adaptation in Adult Fontan Patients with High Cardiac Output Failure**  
Hideo Ohuchi (Department of Pediatric Cardiology, National Cerebral and Cardiovascular Center, Suita)
- 3. Unique Features of Hepatic Disease in Adults with Fontan Circulation: A Comparison with Congenital Heart Disease Patients after Two-ventricular Repair**  
Nori-hisa Toh (Department of Cardiology, Okayama University, Okayama)
- 4. Combination Therapy with Warfarin and Aspirin is Effective for Thromboembolic Prophylaxis but Increases Bleeding in Patients with Fontan Operation**  
Shintaro Umemoto (Department of Cardiovascular Medicine, Kyushu University School of Medicine, Fukuoka)
- 5. The Pathologic Changes of Placenta in Pregnancy with Fontan Circulation**  
Tae Konishi (Department of Perinatology and Gynecology, National Cerebral and Cardiovascular Center, Suita)
- 6. Long Time Follow-up for Fontan Patients; Should We Choose Transplant or Palliative Care?**  
Takayoshi Ueno (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)

## シンポジウム 24

3月31日(日) 15:10-16:40

国立大ホール 2階

超高齢化・医療費膨張時代における循環器医療提供体制と医療政策のあり方

座長:

後藤 葉一 (公立八鹿病院)

代田 浩之 (順天堂大学 循環器内科)

- 1. Establishment of Indicators and Outcome Prediction Model of Acute Cardiovascular Diseases to Improve Cardiovascular Medical Service System**  
坂田 泰史 (大阪大学 循環器内科学)
- 2. Current Status and Future Shape of Cardiovascular Care in Japan: Importance of Exercise and Nutrition Intervention in Post-discharge Disease Management**  
後藤 葉一 (公立八鹿病院)
- 3. Clinical Pathway and Multidisciplinary Collaboration by Hospital and Home Care Teamwork Facilitates Integrated Management and Communication for Cardiovascular Disease Treatment**  
渡辺 徳 (長野県厚生連北信総合病院 循環器科)
- 4. Medical and Nursing Collaboration by Using Scoring Systems for Preventing Readmission in Elderly Patients with Decompensated Heart Failure**  
中根 英策 (北野病院)
- 5. Let Your Life Glow, Cardiologists!**  
遷見 公雄 (特定非営利活動法人 地域医療・介護研究会JAPAN)
- 6. Overview of Healthcare Policy in the Era of Super-aging**  
迫井 正深 (厚生労働省 大臣官房審議官)

March  
31  
PM

## Symposium 25

March 31 (Sun) 15:10-16:40

Main Hall, 1F, Conference Center

**Medical Innovation by Big Data Analysis and Artificial Intelligence**

Chairpersons:

Khung Keong Yeo (National Heart Centre Singapore, Singapore)

Satoshi Yasuda (National Cerebral and Cardiovascular Center, Suita)

Keynote Lecture:

- 1. The Role of AI in Cardiology: Pitfalls and Opportunities**  
Khung Keong Yeo (National Heart Centre Singapore, Singapore)
- 2. A Noble Method of Heart Failure Evaluation Based on Walkability Analysis with Artificial Intelligence**  
Hiro-tada Masuda (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)
- 3. Transcultural Lessons in Managements and Outcomes for Hospitalized Heart Failure; Insight from National Claim Data across Asian and Western Countries**  
Toshiyuki Nagai (Department of Cardiovascular Medicine, Hokkaido University Graduate School of Medicine, Sapporo)

**4. Real-world Application of Big Data in Cardiovascular Science -Report from the Tohoku University Big Data Medicine Center-**

Kotaro Nochioka (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, and Tohoku University Big Data Medicine Center, Sendai)

**5. AI Based Registry Formation and Its Application for Prediction Models -The Experience of Introduction of Natural Language Processing in Electric Medical Records in National Cerebral and Cardiovascular Center-**

Kunihiro Nishimura (National Cerebral and Cardiovascular Center, Department of Preventive Medicine, Suita)

**シンポジウム 26 (VD/RF)**

---

3月31日(日) 13:30-15:00

アネックスホール 2階 [F205+F206]

レジストリーによる脳卒中と循環器疾患の診療実態

座長:

小川 久雄 (国立循環器病研究センター)

飯原 弘二 (九州大学 脳神経外科)

**1. Multimorbidity in Patients with Cardiovascular Disease; Report from the Japanese Registry of All Cardiac and Vascular Diseases (JROAD)**

安田 聡 (国立循環器病研究センター)

**2. The Impact of Cardiac Comorbidity on Outcome of Carotid Revascularization: J-ASPECT Study**

飯原 弘二 (九州大学大学院 医学研究院 脳神経外科)

**3. Complementary Relationship between Atrial Fibrillation and Stroke Registries: Experience from the ORBIT-AF Registry and the GWTG-Stroke Registry in the US**

猪原 拓 (Duke Clinical Research Institute, Duke University Medical Center, USA)

**4. Impact of Cerebrovascular Comorbidity on Prognosis in Japanese Patients Undergoing PCI: 1-year Data from Japanese Multicenter Registry (KICS)**

辻田 賢一 (熊本大学 循環器内科学)

**5. Prognostic Impacts of Stroke and Antithrombotic Therapies in a Large-scale Cohort Study -Real-world Data from the CHART-2 Study-**

白戸 崇 (東北大学 循環器内科学)

**シンポジウム 27**

---

3月31日(日) 15:10-16:40

アネックスホール 2階 [F205+F206]

新専門医制度における若手循環器医師の育成と問題点

座長:

木原 康樹 (広島大学 循環器内科学)

宮崎 俊一 (近畿大学 循環器内科)

**1. Unmet Needs of Japanese Early-career Cardiologist in Their Cardiovascular Training Programs**

河野 隆志 (慶應義塾大学 呼吸循環器内科)

**2. Flexible Training Program for Double Board Certifications with Cardiology and General Medicine**

哲翁-塚田 弥生 (日本医科大学 武蔵小杉病院 救急・総合診療センター 総合診療科)

**3. General Cardiologist in Super-aged Japanese Society: Essential Relation with Internal Medicine Training**

梶波 康二 (金沢医科大学 循環器内科学)

**4. New Training System for Board Certified Cardiologist in Training of Young Physicians in Japan**

岩永 善高 (近畿大学 循環器内科学)

**5. Issues of Board System of The Japanese Association of Cardiovascular Intervention and Therapeutics**

上妻 謙 (帝京大学 循環器内科)

March  
31  
PM

## Special Session 20 会長特別企画 20

March 31 (Sun) 13:30-15:00

Main Hall, 1F, Conference Center

### Proposal of Novel Clinical Trials Lead to Breakthrough

Chairpersons :

Su Ping Carolyn Lam (National Heart Centre Singapore, Singapore)

Shun Kohsaka (Department of Cardiology, Keio University School of Medicine, Tokyo)

Keynote Lecture :

1. **From Mechanisms to Novel Clinical Trials in Heart Failure with Preserved Ejection Fraction**  
Su Ping Carolyn Lam (National Heart Centre Singapore, Singapore)
2. **Development of the Trans-omics Cohort for Cardiovascular Patients in Japan: A Challenge of the CHART-2 Study**  
Yasuhiko Sakata (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
3. **The Role and Future Direction of Registry Studies in Atrial Fibrillation**  
Masaharu Akao (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)
4. **A Proposal for a New Concept of Clinical Research in Our Hospital**  
Hiroyuki Kiriya (Department of Cardiovascular Medicine, Graduate School of Medicine, The University of Tokyo, Tokyo)

## Special Session 21 会長特別企画 21

March 31 (Sun) 13:30-15:00

503, 5F, Conference Center

Editor-in-Chief

Chairpersons :

Fausto J. Pinto (University of Lisbon, Portugal)

Toyoaki Murohara (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)

1. **The JCI - Challenges in Scientific Publishing**  
Gordon F. Tomaselli (Albert Einstein College of Medicine, USA)
2. **Circulation: Your Partner in the Fight against Cardiovascular Disease**  
Joseph A. Hill (UT Southwestern Medical Center, USA)
3. **Douglas L. Mann** (Cardiovascular Division, Washington University School of Medicine, USA)
4. **The Future of Circulation: Cardiovascular Imaging: Expanding Our Reach and Enhancing Our Value**  
Robert J. Gropler (Washington University School of Medicine, USA)
5. **Circulation Reports**  
Masataka Sata (Department of Cardiovascular Medicine, Tokushima University Graduate School, Tokushima)

## Special Session 22 会長特別企画 22

3月31日(日) 13:30-15:00

アネックスホール 2階 [F201+F202]

学会と患者会の新しい関係～繋がり共に歩む

総司会 :

波多野 将 (東京大学 重症心不全治療開発講座)

村上 紀子 (PAHの会 理事長)

1. **全国心臓病の子どもを守る会**  
神永 芳子 (会長)  
斉藤 幸枝 (理事)
2. **日本心臓ベースメーカー友の会**  
井上 美枝子 (副会長)  
須磨 幸蔵 (名誉会長・東京女子医科大学名誉教授)
3. **日本 ICD の会**  
藤田 竹思良 (理事長)  
石川 陽一 (副理事長)  
市成 浩太郎 (監事/循環器内科医師)
4. **PAH の会**  
村上 紀子 (理事長)  
田村 雄一 (医学顧問・国際医療福祉大学三田病院)  
患者会から2名

March  
31  
PM

## Special Session 23 会長特別企画 23

---

3月31日(日) 15:10-16:40  
アネックスホール 2階 [F201+F202]

### Digital Medicine

座長:

青沼 和隆 (筑波大学 医学医療系 循環器内科)  
茅田 浩 (福井大学 病態制御医学講座 循環器内科学)

- 1. Secondary Use of Clinical Data from Hospital Information Systems**  
中山 雅晴 (東北大学 医学情報学)
- 2. CLIDAS<sup>®</sup>, A Clinical Deep Data Accumulation System for Future Cardiology**  
藤田 英雄 (自治医科大学 さいたま医療センター 循環器内科)
- 3. The Future of Arrhythmia Therapy Using Remote Monitoring**  
荷見 映理子 (東京大学 循環器内科)
- 4. The Role of Doctorepreneur in the New Era of Digital Health**  
石見 陽 (メドピア株式会社)

### ESC-JCS Joint Symposium (A)

---

March 31 (Sun) 13:30-15:00  
302, 3F, Conference Center

#### Recent Advances in the Management of Atrial Fibrillation

Chairpersons:

Jeroen J. Bax (Leiden University Medical Centre, The Netherlands)  
Takeshi Yamashita (The Cardiovascular Institute, Tokyo)

- 1. Asymptomatic Atrial Fibrillation: Detection, Clinical Significance and Treatment**  
Barbara Casadei (University of Oxford, UK)
- 2. Benefits of Anticoagulation with Non-vitamin K Antagonist Oral Anticoagulants (NOACs) in Patients with Atrial Fibrillation in Japan: Insights from the CHART-2 Study**  
Hiroaki Shimokawa (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
- 3. Treatment Strategies for Atrial Fibrillation with Heart Failure**  
Michel Komajda (Department of Cardiology, Saint Joseph Hospital, France)
- 4. Rhythm and Rate Control Therapies for Management of Patients with Atrial Fibrillation**  
Takanori Ikeda (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)

### ACC-JCS Joint Symposium (O)

---

March 31 (Sun) 15:10-16:40  
302, 3F, Conference Center

#### Prediction and Prevention of Sudden Cardiac Death

Chairpersons:

Richard Kovacs (American College of Cardiology, USA)  
Wataru Shimizu (Division of Cardiology, Nippon Medical School Department of Medicine, Tokyo)

- 1. Sudden Cardiac Death in Athletes**  
Richard Kovacs (American College of Cardiology, USA)
- 2. Prevention of Sudden Cardiac Death in Hypertrophic Cardiomyopathy**  
Hitoshi Takano (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)
- 3. Genetic Background in Patients with Idiopathic Ventricular Fibrillation: Known Gene Screening from Whole Exome Analysis Data**  
Takeshi Aiba (National Cerebral and Cardiovascular Center, Suita)

March  
31  
PM

## ラウンドテーブルディスカッション 7

3月31日(日) 13:30-14:30

会議センター 5階 [501]

医療の地域格差と地域連携

座長:

伊藤 正明 (三重大学 循環器・腎臓内科学)

久木山 清貴 (山梨大学 第二内科)

- 1. Approaches for Improvement of Care of Acute Coronary Syndrome in Iwate Prefecture; From a Grand Design to Priority Policies**  
森野 禎浩 (岩手医科大学 内科学講座循環器内科分野)
- 2. Multi-disciplinary and Integrated Community Care Collaboration Support People with Cardiovascular Disease, Living in Rural Aged Area with Accelerating Population Decrease**  
渡辺 徳 (長野県厚生連北信総合病院 循環器科)
- 3. The Current Medical Care Situation in Yamagata Prefecture**  
渡辺 昌文 (山形大学 内科学第一講座 (循環・呼吸・腎臓内科学))

## ラウンドテーブルディスカッション 8

3月31日(日) 14:35-15:35

アネックスホール 2階 [F203+F204]

低侵襲循環器治療の今後の展開: ハートチームをいかに発展させるか

座長:

泉 知里 (国立循環器病研究センター 心臓血管内科)

坂口 太一 (兵庫医科大学 心臓血管外科)

- 1. Totally Endoscopic Mitral Valve Repair for the Best Heart Team Practice**  
田端 実 (東京ベイ・浦安市川医療センター)
- 2. Efficacy and Optimal Patient Selection of MitraClip for Severe Mitral Regurgitation in Japanese Real-world Clinical Practice**  
久保 俊介 (倉敷中央病院 循環器内科)
- 3. Hybrid Coronary Revascularization and MICS CAB**  
中村 喜次 (千葉西総合病院 心臓血管外科)

## ラウンドテーブルディスカッション 9 (HF/CM)

3月31日(日) 15:40-16:40

アネックスホール 2階 [F203+F204]

急性心不全の初期対応の日本の現状と課題

座長:

佐藤 直樹 (日本医科大学 武蔵小杉病院 循環器科・集中治療室)

菊地 研 (獨協医科大学 心臓・血管内科)

- 1. Current Status and Issues of EMS Paramedics Treatment to Acute Heart Failure**  
田中 秀治 (国士舘大学 大学院救急システム研究科)
- 2. The Importance of Prehospital Care in Acute Heart Failure**  
石原 嗣郎 (日本医科大学武蔵小杉病院 循環器内科)
- 3. Prehospital Evaluation and Management in Patients with Acute Heart Failure**  
白石 泰之 (慶應義塾大学 循環器内科学)
- 4. Current Situation and Problems of First Responders after Patients with Acute Decompensated Heart Failure Arrive at the Hospital**  
田原 良雄 (国立循環器病研究センター 心臓血管内科)

March  
31  
PM

## トピック 21

---

3月31日(日) 13:30-14:30

会議センター 3階 [303]

### AIが切り拓く未来の医療

座長:

永井 良三 (自治医科大学)

西村 邦宏 (国立循環器病研究センター 予防医学疫学情報部)

#### 1. Development of the Integrated Medical System Using Artificial Intelligence: Towards the Realization of Precision Medicine

浜本 隆二 (国立がん研究センター研究所 がん分子修飾制御学分野)

#### 2. Future of AI and Its Impact to Medicine

松尾 豊 (東京大学 工学系研究科)

## トピック 22 (O)

---

3月31日(日) 14:35-15:35

会議センター 3階 [303]

### 費用対効果から循環器治療を再考する

座長:

田倉 智之 (東京大学 医療経済政策学講座)

五十嵐 中 (東京大学 薬学系研究科 医薬政策学寄付講座)

#### 1. Cost-effectiveness Analysis of Cardiovascular Disease Treatment in Japan

小寺 聡 (東京大学 循環器内科)

#### 2. Cost-effectiveness Evaluation and Cardiovascular Guidelines

坂巻 弘之 (東京理科大学 経営学部)

## Topic 23 (HF/CM)

---

March 31 (Sun) 15:40-16:40

303, 3F, Conference Center

### Athlete's Heart -Current Knowledge and Future Perspectives

Chairpersons:

Shigeru Makita (Department of Cardiac Rehabilitation, Saitama Medical University, International Medical Center, Saitama)

Hirokazu Shiraishi (Department of Cardiovascular Medicine, Rehabilitation Unit, Kyoto Prefectural University of Medicine, Kyoto)

#### 1. Cardiac Structure in Elite Basketball Players

Shunichi Homma (Department of Medicine/Division of Cardiology at Columbia University Medical Center, USA)

#### 2. Association between Myocardial Triglyceride Content and Cardiac Function in Healthy Subjects, Endurance Athletes, and Patients with Hypertrophic Cardiomyopathy

Kazunori Shimada (Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Tokyo)

#### 3. Electrical and Structural Adaptation of Athlete's Heart in Japanese Adolescents

Yoshitaka Iso (Showa University Research Institute for Sport and Exercise Sciences, Yokohama)

## コントロバーシー 6 (SHD)

---

3月31日(日) 13:30-14:30

アネックスホール 2階 [F203+F204]

### どうする三尖弁逆流の治療方針: 内科治療優先? 早期外科手術?

座長:

竹村 博文 (金沢大学 先進総合外科)

渡辺 弘之 (東京ベイ・浦安市川医療センター ハートセンター)

#### 1. Early Surgery for Asymptomatic Severe Tricuspid Regurgitation; Is it Ready Now?

泉 知里 (国立循環器病研究センター 心臓血管内科)

#### 2. Should We Perform Early Surgery in Patients with Isolated Tricuspid Regurgitation? "Probably Yes."

阿部 幸雄 (大阪市立総合医療センター 循環器内科)



## ミート・ザ・エキスパート 11 (HF/CM)

---

3月31日(日) 14:35-15:35

会議センター 5階 [501]

心筋症の新しい話題

座長:

桑原 宏一郎 (信州大学 循環器内科学教室)

久保 亨 (高知大学 老年病・循環器内科学)

- 1. Catecholamine Toxicity and Takotsubo Cardiomyopathy; The Alteration of B-Adrenoceptor in Left Ventricle of Acute Phase Takotsubo Cardiomyopathy**  
尾上 健児 (奈良県立医科大学 循環器内科)
- 2. Hot Topics in Peripartum Cardiomyopathy: Genetics and Disease-specific Treatment**  
神谷 千津子 (国立循環器病研究センター 周産期・婦人科部)
- 3. Application of Whole Exome Sequencing Data for Detection of Large Genomic Rearrangements in Cardiomyopathy**  
朝野 仁裕 (大阪大学 循環器内科学)

## ミート・ザ・エキスパート 12

---

3月31日(日) 15:40-16:40

会議センター 5階 [501]

ナショナルデータベースの研究利用

座長:

福原 俊一 (京都大学/福島県立医科大学)

康永 秀生 (東京大学 公共健康医学専攻 臨床疫学・経済学分野)

- 1. Conducting Database Research on Cardiovascular Diseases Using the NDB**  
福田 治久 (九州大学 医療経営学)
- 2. Application of the Diagnosis Procedure Combination (DPC) Database to Cardiovascular Research in Japan**  
磯貝 俊明 (東京都立多摩総合医療センター 循環器内科/Department of Clinical Epidemiology and Health Economics, School of Public Health, The University of Tokyo, Tokyo)

March  
31  
PM

## Featured Research Session 14 (CAD)

---

March 31 (Sun) 15 : 10–16 : 40

414+415, 4F, Conference Center

### Coronary Artery Diseases (Clinical) 3

Chairpersons :

Ik-Kyung Jang (Massachusetts General Hospital, Harvard Medical School, USA)

Tetsuya Amano (Department of Cardiology Aichi Medical University, Nagakute)

Keynote Lecture :

#### FRS14-1 Cardiac OCT: 20 Years -From Bench to Plaque Erosion

Ik-Kyung Jang (Massachusetts General Hospital, Harvard Medical School, USA)

#### FRS14-2 Guideline Adherence and Long-term Clinical Outcomes in Patients with Acute Myocardial Infarction: J-MINUET Substudy

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

#### FRS14-3 Primary Percutaneous Coronary Intervention and Clinical Outcome in Elderly Patients with Acute Myocardial Infarction: From JROAD-DPC Registry

Shiro Uemura (Cardiovascular Medicine, Kawasaki Medical School, Kurashiki)

#### FRS14-4 Comparison of 5-year Outcomes after CABG and PCI in Very Old Patients with Severe Coronary Artery Disease

Hiroyuki Hara (Japan Red Cross Wakayama Medical Center, Wakayama)

#### FRS14-5 Nocturnal Hypoxemic Burden in Patients with Vasospastic Angina

Yusuke Nakagawa (Department of Cardiology, Kawanishi Hospital, Kawanishi)

## Featured Research Session 15 (VD/RF)

---

March 31 (Sun) 13 : 30–15 : 00

416+417, 4F, Conference Center

### Aortic Diseases, Resuscitation (Clinical)

Chairpersons :

Chi Young Shim (Severance Cardiovascular Hospital, Yonsei University College of Medicine, Korea)

Taishiro Chikamori (Department of Cardiology, Tokyo Medical University, Tokyo)

Keynote Lecture :

#### FRS15-1 Role of Echocardiography in Acute Cardiac Condition

Chi Young Shim (Severance Cardiovascular Hospital, Yonsei University College of Medicine, Korea)

#### FRS15-2 In-hospital Outcomes of Surgical versus Endovascular Repair for Ruptured Abdominal Aortic Aneurysm

Tetsuo Yamaguchi (Department of Cardiology, Japanese Red Cross Musashino Hospital, Tokyo)

#### FRS15-3 The Impact of Hypertension on the Aortic Artery Disease-related Mortality: 3.8 Years Nationwide Community-Based Prospective Cohort Study

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

#### FRS15-4 Construction and Validation of a New Termination-of-Resuscitation Rule for Out-of-Hospital Cardiac Arrest

Katsutaka Hashiba (Department of Cardiology, Saiseikai Yokohamashi Nanbu Hospital, Yokohama)

#### FRS15-5 The Importance of Time to Extracorporeal Cardiopulmonary Resuscitation in Patients with Out-of-Hospital Cardiac Arrest Due to Acute Coronary Syndrome

Shoji Kawakami (Department of Cardiology, Aso Iizuka Hospital, Fukuoka)

## Featured Research Session 16 (CAD)

---

March 31 (Sun) 15 : 10–16 : 40

416+417, 4F, Conference Center

### Thromboembolism, Anti-thrombotic Therapy (Clinical) 2

Chairpersons :

Fausto J. Pinto (Faculty of Medicine, Lisbon University, Portugal)

Teruo Inoue (Department of Cardiovascular Medicine, Dokkyo Medical University, Mibu)

Keynote Lecture :

#### FRS16-1 New Approaches in the Management of Anti-coagulation in Atrial Fibrillation

Fausto J. Pinto (Faculty of Medicine, Lisbon University, Portugal)

March  
31  
PM

- FRS16-2 Influence of Baseline Anemia on Long-term Clinical Outcomes in Patients with Venous Thromboembolism: From the COMMAND VTE Registry**  
Yugo Yamashita (Graduate School of Medicine, Kyoto University, Kyoto)
- FRS16-3 Risk Factors for Recurrence in Patients with First Unprovoked Venous Thromboembolism: From the COMMAND VTE Registry**  
Hideo Amano (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)
- FRS16-4 Risk Factors for Post-thrombotic Syndrome in Patients with Deep Vein Thrombosis: From the COMMAND VTE Registry**  
Yuji Nishimoto (Department of Cardiology, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)
- FRS16-5 Impact of Post-Discharge Bleeding on Long-Term Mortality in Percutaneous Coronary Intervention Patients Taking an Oral Anticoagulant**  
Ruka Yoshida (Department of Cardiology, Nagoya University Hospital, Nagoya)

March  
31  
PM

## Oral Presentation (English) 32 (CAD)

---

March 31 (Sun) 13 : 30 – 15 : 00

411+412, 4F, Conference Center

### ACS/AMI (Clinical/Diagnosis)

Chairpersons :

Kazuhiko Nakazato (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

Jiro Aoki (Division of Cardiology, Mitsui Memorial Hospital, Tokyo)

- OE32-1 Impact of Low Body Mass Index for Short-term and Mid-term Outcomes of Patients with Acute Myocardial Infarction**  
Goro Yoshioka (Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)
- OE32-2 Clinical Characteristics and Morphological Culprit Plaque Features in Patients with Acute Coronary Syndrome**  
Akira Nagasawa (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- OE32-3 Index of Microcirculatory Resistance as a Predictor of Cardiac Outcomes in Patients with ST-Elevation Myocardial Infarction Undergoing Primary Coronary Intervention**  
Takayuki Onishi (Department of Cardiology, Hiratsuka Kyosai Hospital, Hiratsuka)
- OE32-4 Erectile Dysfunction among Acute Coronary Syndrome Patients in Singapore: Prevalence, Risk Factors, and Clinical Characteristics**  
Alex Yufei Xie (Duke-NUS Medical School, Singapore)
- OE32-5 Urinary Liver-type Fatty Acid-Binding Protein and N-Terminal Pro-B-Type Natriuretic Peptide Predict Acute Kidney Injury in Patients with Acute Coronary Syndrome**  
Hiroyuki Naruse (Department of Joint Research Laboratory of Clinical Medicine, Fujita Health University, Toyoake)
- OE32-6 Biphasic Occurrence and Presentation of Left Ventricular Free Wall Rupture with Acute Myocardial Infarction in Primary Percutaneous Coronary Intervention Era**  
Hirohide Matsuura (Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)
- OE32-7 Computational Flow Simulation of Coronary Aneurysm in Patients with ST-segment Elevation Myocardial Infarction**  
Yosuke Miyazaki (Department of Medicine and Clinical Science, Yamaguchi University, Ube)
- OE32-8 Impact of Right-ventricular Branch Slow-flow Phenomenon Post Percutaneous Coronary Intervention for Acute Coronary Syndrome to Predict Future Prolonged Right-ventricular Dysfunction**  
Kohshi Setoyama (The Second Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyusyu)
- OE32-9 Impacts of BMI Status on Long-term Outcomes of Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention**  
Kotaro Mochida (The Department of Cardiovascular Medicine, The Cardiovascular Institute, Tokyo)

## Oral Presentation (English) 33 (CAD)

---

March 31 (Sun) 15 : 10 – 16 : 40

411+412, 4F, Conference Center

### ACS/AMI

Chairpersons :

Shinichiro Yamada (Division of Cardiology, Kita-Harima Medical Center, Ono)

Nobuhiko Maejima (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

- OE33-1 Long-term Outcomes after Culotte or T Stenting for Non-left Main Bifurcation Lesions Compared between First- and Second-generation Drug-eluting Stents**  
Masanobu Ohya (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)
- OE33-2 Impact of OCT in Evaluating Intra-procedural Stent Thrombosis**  
Hiroko Tsuchiya (Department of Cardiology, Saiseikai Maebashi Hospital, Maebashi)
- OE33-3 Prognostic Implications of Time between Balloon to Peak Creatinine Kinase-MB in Patients with Acute Myocardial Infarction Undergoing Primary PCI**  
Issei Ishida (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- OE33-4 The Roles of East Asians Mitochondrial Aldehyde Dehydrogenase 2 Genotypes in Nitrate Tolerance and Endothelial Dysfunction**  
Yuji Mizuno (Division of Cardiovascular Medicine, Kumamoto Kinoh Hospital, Kumamoto Aging Research Institute, Kumamoto)

March  
31  
PM

- OE33-5 Differences in the Usefulness of Aggressive Lipid-lowering Therapy among Single-vessel and Multi-vessel Coronary Artery Disease Patients: HIJ-PROPER Sub-study**  
Masataka Ogiso (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- OE33-6 Impacts of Prehospital 12-Lead ECG Transmission System in the Management of Acute Myocardial Infarction in the Rural Area of Japan**  
Kiyotaka Hao (Tohoku University Graduate School of Medicine, Department of Cardiovascular Medicine, Sendai)
- OE33-7 Fractional Flow Reserve-guided Percutaneous Coronary Intervention for Intermediate Severity Coronary Lesions in Patients with Hemodialysis**  
Hiroyuki Hikita (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)
- OE33-8 Clinical Characteristics and Angiographic Manifestation in Patients with Catheter-induced Spasm in the Proximal Right Coronary Artery**  
Shozo Sueda (Ehime Prefectural Niihama Hospital, Niihama)
- OE33-9 VEGF-D as a Predictor of Total Mortality in Patients with Suspected or Known Coronary Artery Disease: From the ANOX Study**  
Hiromichi Wada (Division of Translational Research, National Hospital Organization Kyoto Medical Center, Kyoto)

## Oral Presentation (English) 34 (VD/RF)

March 31 (Sun) 13 : 30–15 : 00  
413, 4F, Conference Center

### Metabolic Syndrome/Lipid Disorders

Chairpersons :

Sang-Hyun Kim (Seoul Boramae Hospital, Seoul National University College of Medicine, Korea)  
Atsushi Nohara (Kanazawa University Health Service Center, Kanazawa)

- OE34-1 The Association between Factors Related to Lean and Cardiovascular Events in Patients with Cardiovascular Risk**  
Shinichi Toriumi (Cardiovascular Medicine, Jichi Medical University, Shimotsuke)
- OE34-2 Impact of Longitudinal Changes in Metabolic Syndrome Status over Two Years on 10-year Incident Type 2 Diabetes Mellitus**  
Kwang K. Koh (Gachon University Gil Hospital, Korea)
- OE34-3 Impact of Serum Lp (a) on the Risk of Coronary Artery Disease in Japanese Population**  
Tetsuo Nishikawa (Department of Cardiology, Kanazawa University School of Medicine, Kanazawa)
- OE34-4 Clinical Characteristics and Cardiovascular Outcomes in Severe Familial Hypercholesterolemia Defined by the International Atherosclerosis Society Criteria**  
Sayaka Funabashi (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
- OE34-5 Efficacy of the PCSK9 Inhibitor for Lipid-rich Coronary Plaque Reduction: A Near-infrared Spectroscopy Analysis**  
Hideaki Ota (Department of Cardiology, Gifu Heart Center, Gifu)
- OE34-6 Differential Phenotypes in Perivascular Adipose Tissue Surrounding the Coronary Artery and Internal Thoracic Artery**  
Ryosuke Numaguchi (Department of Cardiovascular Surgery, Sapporo Medical University School of Medicine, Sapporo)
- OE34-7 Visceral Fat Accumulation is Independently Associated with Right Ventricular Dysfunction in General Population**  
Naoko Sawada (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)
- OE34-8 Biased Adipocyte Differentiation Induce Visceral Adipose Inflammation in Aging and Obesity**  
Ryuzaburo Yuki (Department of Disease Biology and Molecular Medicine, Chiba University, Chiba)
- OE34-9 Computed Tomography Myocardial Perfusion Imaging for Detection of Coronary Micro Vascular Dysfunction and Myocardial Fibrosis in Diabetes Patients**  
Kentarou Tanaka (Department of Cardiology, New Tokyo Hospital, Matsudo)

March  
31  
PM

## Oral Presentation (English) 35 (VD/RF)

March 31 (Sun) 15 : 10 – 16 : 40

413, 4F, Conference Center

### Kidney/CKD

#### Chairpersons :

Takafumi Okura (Department of Community and Emergency Medicine, Ehime University Graduate School of Medicine, Toon)

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

- OE35-1 Growth Differentiation Factor-15 Predicts Total Mortality in Patients with Chronic Kidney Disease and Stable Coronary Heart Disease: The ANOX Study**  
Hiromichi Wada (Division of Translational Research, National Hospital Organization Kyoto Medical Center, Kyoto)
- OE35-2 Impact of Kidney Function, Ticagrelor and Genetic Polymorphism on High Platelet Reactivity**  
Weon Kim (Kyung Hee University Hospital, Korea)
- OE35-3 Role of Anemia and Proteinuria in the Development of Renal Function Deterioration in General Population with Preserved Glomerular Filtration Rate**  
Hiroyuki Kiriya (Department of Cardiovascular Medicine, Graduate School of Medicine, The University of Tokyo, Tokyo)
- OE35-4 Association between Urinary Angiotensinogen and AKI among Patients Hospitalized with Worsening Heart Failure**  
Shota Yokoyama (Department of Cardiorenal and Cerebrovascular Medicine, Kagawa University, Kagawa)
- OE35-5 Impact of Bleeding Events in Patients on Chronic Hemodialysis Receiving Dual Antiplatelet Therapy**  
Takahiro Hayashi (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)
- OE35-6 Estimated Glomerular Filtration Rate as a Predictor of Mortality and Morbidity in Patients Visiting a Cardiovascular Hospital: Shinken Database Analysis**  
Katsunori Fukumoto (Cardiovascular Institute, Tokyo)
- OE35-7 Impact of Chronic Kidney Disease on Aortic Artery Disease-Related Mortality: A Nationwide Community-based Prospective Cohort Study**  
Yoichiro Otaki (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University School of Medicine, Yamagata)
- OE35-8 Circulating FABP4 is Eliminated by the Kidney via Glomerular Filtration Followed by Megalin-mediated Reabsorption**  
Tatsuya Iso (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)
- OE35-9 The Prognostic Impact of Urinary Liver-type Fatty Acid-binding Protein for Acute Kidney Injury in Patients Undergoing Primary PCI for AMI**  
Keiichi Hishikari (Department of Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

## Oral Presentation (English) 36 (A)

March 31 (Sun) 13 : 30 – 15 : 00

414+415, 4F, Conference Center

### AF, Ablation, Method

#### Chairpersons :

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

Yu-ki Iwasaki (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)

- OE36-1 The Role of Ethanol Ablation for Marshall Bundle Epicardial Connections in Atrial Tachycardias Following Atrial Fibrillation Ablation**  
Takeshi Kitamura (Department of Electrophysiology, LIRYC, Bordeaux University, CHU de Bordeaux, Bordeaux, France)
- OE36-2 The Patients who Need Substrate Modifications despite Only Having Paroxysmal Atrial Fibrillation**  
Yosuke Hayashi (Department of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)
- OE36-3 Clinical Investigation of High-Power and Short-Duration of Radiofrequency Energy Application for Atrial Fibrillation Ablation: Prospective Randomized Trial**  
Tatsuhiko Hirao (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- OE36-4 Impact of Different Radiofrequency Power Settings on Tissue Temperature Profiles under the Same Ablation Index**  
Makoto Takemoto (Department of Cardiology, Kobe University Hospital, Kobe)

- OE36-5 Why Do Female Patients with Atrial Fibrillation More Frequently Have Low-voltage Zones (LVZs) in the Left Atrium?**  
Kana Nakashima (Department of Cardiovascular Medicine Saga University, Saga)
- OE36-6 Acute Effect of Chemical Ablation to the Vein of Marshall for Atrial Fibrillation in Repeat Multiple Procedures**  
Shu Yamashita (Department of Cardiology, National Hospital Organization Disaster Medical Center, Tachikawa)
- OE36-7 The Outcomes of Catheter Ablation for Hemodialysis Patients with Atrial Fibrillation**  
Yuki Shimizu (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)
- OE36-8 Is It Necessary to Eliminate Adenosine Triphosphate Induced Non-pulmonary Vein Foci after a Pulmonary Vein and Superior Vena Cava Isolation?**  
Tadahiro Matsumoto (Division of Cardiology, Kimitsu Chuo Hospital, Kisarazu)
- OE36-9 Efficacy of Right Atrial Substrate Modification for Atrial Fibrillation in Adults with Congenital Heart Disease**  
Suguru Nishiuchi (Department of Cardiology, Tenri Hospital, Tenri)

## 一般演題口述（日本語）35 (A)

3月31日(日) 13:30-15:00

会議センター 3階 [311+312]

### CRT/ICD

座長:

佐藤 俊明 (杏林大学 不整脈先進治療学研究講座)

安藤 献児 (小倉記念病院 循環器内科)

- OJ35-1 Clinical Significance of Precedent Asymptomatic Non-sustained Ventricular Tachycardias on Subsequent ICD Interventions and Heart Failure Hospitalization in Primary Prevention Patients**  
牧元 久樹 (Division of Cardiology, Pulmonology and Vascular Medicine, Medical Faculty, Heinrich Heine University, Germany)
- OJ35-2 Outcome after Implantation of Subcutaneous Implantable Cardioverter Defibrillator: Comparison with that of Transvenous Implantable Cardioverter Defibrillator**  
劔 卓夫 (済生会熊本病院心臓血管センター 循環器内科 不整脈先端部門)
- OJ35-3 Implantable Cardioverter Defibrillator is Required for Patients with Cardiac Sarcoidosis and Atrioventricular Block?**  
佐藤 泰貴 (国立循環器病研究センター 心臓血管内科)
- OJ35-4 Potential Risk of Bradyarrhythmias in Patients with Hypertrophic Cardiomyopathy and Implantable Cardioverter Defibrillator Indication**  
中須賀 公亮 (名古屋市立大学 心臓・腎高血圧内科学)
- OJ35-5 CRT-P versus CRT-D: Case Matched Analysis of Long-term Survival in Real World**  
梶山 貴嗣 (千葉大学 循環器内科学)
- OJ35-6 Impact of Atrial Fibrillation on Mortality in Patients with Implantable Cardioverter Defibrillators: Sub-analysis from the NIPPON Storm Study**  
丸山 将広 (近畿大学 循環器内科学)
- OJ35-7 Impact of Underlying Heart Disease on Electrical Storm Incidence in Patients with Moderately Impaired Ventricular Function: A Nippon Storm Sub-study**  
渡邊 昌也 (北海道大学病院 循環器内科)
- OJ35-8 The Risk Factors of Inappropriate Implantable Cardioverter-Defibrillator Therapy in Japan: A Sub Analysis of NIPPON Storm Study**  
西井 伸洋 (岡山大学 医歯薬学総合研究科 先端循環器治療学講座)
- OJ35-9 ICD Therapy in Patients with Ischemic Heart Disease in the Nippon Storm Study**  
近藤 祐介 (千葉大学 不整脈先端治療学)

## 一般演題口述（日本語）36 (A)

3月31日(日) 15:10-16:40

会議センター 3階 [311+312]

### AF, Predictors

座長:

武居 明日美 (神戸労災病院 循環器内科)

田邊 康子 (旭川医科大学 循環・呼吸・神経病態内科学分野)

- OJ36-1 Predictive Power of Left Atrial Reverse Remodeling for Long-term Recurrence after Catheter Ablation: Paroxysmal versus Non-paroxysmal Atrial Fibrillation**  
岡 崇史 (桜橋渡辺病院)
- OJ36-2 Association of Left Atrial Conduction Time with Clinical Outcome after Pulmonary Vein Isolation for Persistent Atrial Fibrillation without Low-voltage Area**  
川尻 紘平 (東京都立広尾病院 循環器科)
- OJ36-3 Early Evaluation of Heart Rate Variation after Catheter Ablation Predicts the Recurrence on Chronic Phase in Patients with Atrial Fibrillation**  
蘆田 健毅 (兵庫医科大学 循環器内科)
- OJ36-4 Reduced Left Atrial Function is Associated with Poor Long-term Outcome after Catheter Ablation to Paroxysmal Atrial Fibrillation**  
岡 崇史 (桜橋渡辺病院)
- OJ36-5 Characteristics of the Lesions Created by Short-duration RF Application: Moderate-lesion on the Endocardial Surface and Dense-lesion Just below**  
齋藤 修 (新潟大学 保健学科)

March  
31  
PM



- OJ36-6 The Predictor of Atrial Reverse Remodeling after Catheter Ablation in Patients with Non-Paroxysmal Atrial Fibrillation**  
田中 友望 (高槻病院不整脈センター)
- OJ36-7 Difference in the Mechanism of Early and Late Phase Recurrent Atrial Fibrillation Following Catheter Ablation Procedure**  
金澤 尚徳 (熊本大学 不整脈先端医療寄附講座)
- OJ36-8 Estimated Glomerular Filtration Rate and Proteinuria Synergistically Predict Atrial Fibrillation, Thromboembolism, Heart Failure Events, and Mortality: Shinken Database Analysis**  
大井田 充範 (心臓血管研究所 循環器科)
- OJ36-9 The Impact of Ablation with Guidance of Lesion Size Prediction Index on Clinical Outcome of Atrial Fibrillation Ablation**  
松尾 征一郎 (東京慈恵会医科大学葛飾医療センター 循環器内科)

## 一般演題口述 (日本語) 37 (CAD)

3月31日(日) 13:30-15:00

会議センター 3階 [313+314]

### Coronary Revascularization/PCI (DES)

座長:

道下一朗 (横浜栄共済病院 内科)

森田 有紀子 (国立病院機構相模原病院 循環器内科)

- OJ37-1 Difference of Very Late Stent Thrombosis Mechanism Assessed by Optical Coherence Tomography among 1st and 2nd Drug-eluting Stent and BMS**  
猪野 靖 (和歌山県立医科大学 循環器内科学)
- OJ37-2 Dissimilar Impacts of the 1-year Angioscopic Findings on Long-term Clinical Events between the First-generation DES and the Second-generation CoCr-EES**  
尾松 卓 (大阪警察病院 循環器内科)
- OJ37-3 The Comparison of Healing 1-month and 1-year after Percutaneous Coronary Intervention among CoCr-EES, BP-EES and BP-SES**  
田谷 侑司 (立川総合病院)
- OJ37-4 Abluminal Coating Stent versus Conformal Coating Stent: Termination of These Inflammatory Response Associated with Neointimal Healing in Porcine Coronary Model**  
森 雅之 (金沢大学 循環器病態内科学)
- OJ37-5 Prospective Interventional Registry of Short-term Dual Anti-platelet Treatment after DES Implantation in Patients with Atrial Fibrillation Requiring Oral Anti-coagulation Therapy**  
堀江 和紀 (仙台厚生病院 循環器内科)
- OJ37-6 Long-term Outcome Comparison of Drug-eluting Stents and Bare-Metal Stents in Patients with High Bleeding Risk**  
春原 大輔 (信州大学 循環器内科学)
- OJ37-7 Five-year Clinical Outcomes and Predictors of Target Lesion Revascularization after Everolimus-eluting Stent Implantation**  
為清 博道 (土谷総合病院 循環器内科)
- OJ37-8 Influence of Drug-coated Stent Implantation on Structural and Functional Vascular Healing Response: An Optical Coherence Tomography and Acetylcholine Testing Study**  
田丸 裕人 (東宝塚さとう病院 循環器内科)
- OJ37-9 Impact of Post-stent Irregular Protrusion on In-stent Neoatherosclerosis Formation after Third-generation Drug-eluting Stent Implantation: Optical Coherence Tomography Study**  
佐貴 仁宣 (産業医科大学 第二内科)

March  
31  
PM

## 一般演題口述（日本語）38 (CAD)

3月31日(日) 15:10-16:40

会議センター 3階 [313+314]

### Coronary Revascularization/PCI (Restenosis/Others)

座長:

畑 明宏 (豊島病院 循環器内科)

秋田 孝子 (総合高津中央病院心臓血管センター)

- OJ38-1 Triglyceride Deposit Cardiomyovasculopathy, a Novel-type Atherosclerosis with Triglyceride Deposition in Coronary Arteries, as New-found Risk Factor of Restenosis after Stent-Implantation**  
中野 雄介 (愛知医科大学 循環器内科)
- OJ38-2 Predictive Value of Logistic Clinical SYNTAX Score for the Prediction of 5-year Outcome after Percutaneous Coronary Intervention from SHINANO Registry**  
柏木 大輔 (信州大学 循環器内科学)
- OJ38-3 The Impact of Hyperuricemia on Low-BMI Patients after Percutaneous Coronary Intervention: From SHINANO Registry**  
永江 歩 (信州大学病院 循環器内科)
- OJ38-4 Two-Year Outcomes after Excimer Laser Coronary Angioplasty and Paclitaxel-coated Balloon Combination Therapy for Drug-eluting Stent Restenosis**  
檜垣 忠直 (広島市立広島市民病院 循環器内科)
- OJ38-5 Impact of Procedural Success and Left Ventricular Ejection Fraction on Long-term Clinical Outcome of Coronary Intervention for Chronic Total Occlusion**  
田中 裕之 (倉敷中央病院 循環器内科)
- OJ38-6 Outcomes of Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention: 5-year Outcomes from Shinano-registry**  
丸山 拓哉 (長野県厚生連篠ノ井総合病院 循環器内科)
- OJ38-7 Vascular Response of In-Stent Restenosis Lesions after Balloon Dilation; An Optical Coherence Tomography Analysis**  
山本 航 (東宝塚さとう病院 循環器内科)
- OJ38-8 5-year Outcomes in Patients with Peripheral Artery Disease Undergoing Percutaneous Coronary Intervention from the SHINANO Registry**  
橋詰 直人 (長野県厚生連篠ノ井総合病院 循環器内科)
- OJ38-9 Impaired High-density Lipoprotein Cholesterol Efflux Capacity for Development of Denovo Coronary Stenosis under Pharmacological Secondary Prevention for Coronary Artery Disease**  
宇梶 僚晟 (獨協医科大学埼玉医療センター 循環器内科)

## 一般演題口述（日本語）39 (CAD)

3月31日(日) 15:10-16:40

会議センター 3階 [315]

### ACS/AMI (Clinical/Treatment)

座長:

神谷 春雄 (名古屋第一赤十字病院 循環器科)

小菅 雅美 (横浜市立大学市民総合医療センター 循環器内科)

- OJ39-1 A Novel Approach for Cardioprotection in Patients with ST-Segment Elevation Myocardial Infarction**  
小山 卓史 (さいたま市立病院 循環器内科)
- OJ39-2 Clinical Characteristics and In-hospital Outcome of Patients with Acute Myocardial Infarction Complicated by Complete Atrioventricular Block**  
新里 広大 (宮崎市郡医師会病院心臓病センター 循環器科)
- OJ39-3 The E-wave Propagation Index is a Novel Echocardiographic Parameter to Predict Left Ventricular Thrombus in Patients with Acute Myocardial Infarction**  
竹本 創 (広島市民病院 循環器科)
- OJ39-4 Different Vascular Reaction to Everolimus-eluting Stents Implantation between Stable Angina and ST Elevation Myocardial Infarction: Insights from MECHANISM Studies**  
築山 義朗 (神戸大学 循環呼吸器病態学)
- OJ39-5 Acute Phase of Post-procedural High Platelet Reactivity with Loading Dose of Prasugrel Correlates Clinical Outcomes of Acute Coronary Syndrome**  
黒田 和宏 (岡山市立市民病院 循環器内科)

- OJ39-6 The Impact of Low Diastolic Blood Pressure on 30-day Mortality in Patients with Acute Myocardial Infarction**  
浅野 拓 (東京都CCUネットワーク/聖路加国際病院 心血管センター)
- OJ39-7 The Efficacy of Early Revascularization for the Elderly Non-ST-Elevation Myocardial Infarction Patients with Heart Failure: Tokyo CCU Network Cohort Analysis**  
藤本 肇 (東京都CCUネットワーク学術委員会 東京都健康長寿医療センター循環器内科)
- OJ39-8 The Outcome of Acute Myocardial Infarction in over the Age of Eighty with/without Coronary Intervention: From K-ACTIVE**  
櫻井 馨 (新百合ヶ丘総合病院 循環器内科)
- OJ39-9 Incidence, Characteristics, and Outcome of Cardiac Rupture in Patients with AMI Treated with Primary PCI**  
花田 賢二 (弘前大学 循環器内科)

## 一般演題口述 (日本語) 40 (HF/CM)

3月31日(日) 13:30-15:00

会議センター 4階 [418]

### Heart Failure/Cardiomyopathy (Basic)

座長:

竹藤 幹人 (名古屋大学 循環器内科)

吉田 陽子 (新潟大学 循環器学分野)

- OJ40-1 Quantification of DNA Damage in Heart Tissue as a Novel Prediction Tool for Therapeutic Prognosis**  
候 聡志 (東京大学 循環器内科)
- OJ40-2 Activated Alternative Complement Pathway is Responsible for Right Heart Failure and Arrhythmia**  
伊藤 章吾 (慶應義塾大学 循環器内科)
- OJ40-3 mRNA Binding Protein ZFP36L2 is Required for Normal Cardiac Function through p53-dependent mTORC1 Regulation**  
神津 英至 (札幌医科大学 循環器・腎臓・代謝内分泌内科学講座)
- OJ40-4 Cavin-2 Deficiency Attenuates Myofibroblast Differentiation and Cardiac Fibrosis in Pressure Overloaded Hearts**  
樋口 雄亮 (京都府立医科大学 循環器内科学)
- OJ40-5 Relation between Effector Memory T Cells with Activation of Kv1.3 and Severity of Heart Failure**  
野村 秀仁 (東京女子医科大学 循環器内科)
- OJ40-6 Loss of Endogenous Apelin Augments Angiotensin II-mediated Cardiac Remodeling**  
佐藤 輝紀 (秋田大学 循環器内科学)
- OJ40-7 Impaired Barrier Function of Gut Epithelium in a Mouse Model of Heart Failure**  
嵯峨 亜希子 (東京大学 循環器内科)
- OJ40-8 Adrenomedullin-RAMP Systems Protect Cardiac Homeostasis against Cardiovascular Stresses**  
崔 南奇 (信州大学 循環病態学教室)
- OJ40-9 Inhibition of Xanthine Oxidase in Type 2 Diabetic Rats Ameliorates Pressure Overload-induced Diastolic Dysfunction**  
井垣 勇祐 (札幌医科大学 循環器腎臓代謝内分泌内科学講座)

## 一般演題口述 (日本語) 41 (HF/CM)

3月31日(日) 15:10-16:40

会議センター 4階 [418]

### Cardiac Arrest/ACLS/Transplantation/LVAD

座長:

篠岡 太郎 (東京医科歯科大学 循環器内科)

世良 英子 (大阪大学 循環器内科学)

- OJ41-1 Prognostic Value of Early Advanced Life Support by Emergency Medical Services in Out-of-hospital Cardiac Arrest: JCS-ReSS Study**  
中野 宏己 (東京医科大学 循環器内科)
- OJ41-2 Enlarging Cannula Size of VA ECMO for CPA Patients Improves Efficiency of ECMO and 30-day Prognosis**  
権藤 公樹 (福岡県済生会福岡総合病院 循環器内科)

March  
31  
PM

- OJ41-3 Benefit of LV Unloading by Means of Impella in Patients with Refractory Cardiogenic Shock for ST-Elevation Myocardial Infarction (STEMI)**  
中田 淳 (日本医科大学 集中治療室)
- OJ41-4 Chronic Total Occlusion Dependent on Infarct-related Artery was Associated with In-hospital Mortality of Sudden Cardiac Arrest Acute Coronary Syndrome Patients**  
篠内 和也 (国立病院機構大阪医療センター 循環器内科)
- OJ41-5 The Impact of Coronary Artery Disease to Predict Mortality and Neurological Outcome in Post-cardiac Arrest Patients**  
松田 隼治 (さいたま赤十字病院 循環器科)
- OJ41-6 Accurate Quantification Method of Aortic Insufficiency during Left Ventricular Assist Device Support by Thermodilution Analysis**  
秋山 大地 (東京大学 心臓外科)
- OJ41-7 Prediction of Right Ventricular Failure after Left Ventricular Assist Device Implantation Using Machine Learning of Preoperative Hemodynamics**  
佐村 高明 (大阪大学 心臓血管外科)
- OJ41-8 Optical Coherence Tomography Assessment of Coronary Plaque Morphology Associated with Lesion Progression in Cardiac Transplant Recipients**  
白記 達也 (大阪大学 循環器内科学)
- OJ41-9 Impact of Bridge to Bridge Strategies on the Outcome in Patients with Implantable Continuous-flow Left Ventricular Assist Devices**  
中島 誠子 (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) 42 (VD/RF)

3月31日(日) 13:30-15:00  
会議センター 4階 [419]

Vascular Disease (Therapy)

座長:

上田 みどり (榊原記念クリニック 循環器科)  
山田 浩之 (京都府立医科大学 循環器・腎臓内科学)

- OJ42-1 Effect of Smoking on Yearly Increase of Central Blood Pressure**  
高瀬 浩之 (遠州病院 内科)
- OJ42-2 Sex Differences in Clinical Characteristics and Outcomes of Patients with Venous Thromboembolism: From the COMMAND VTE Registry**  
芳川 裕亮 (京都大学 循環器内科学)
- OJ42-3 Long-term Cerebral Infarction and Cerebral Hemorrhage after Thoracic Endovascular Repair**  
松尾 武彦 (倉敷中央病院 心臓血管外科)
- OJ42-4 Comparison of Safety and Efficacy of TAVI Using Self-expanding Devices in Patients with Bicuspid versus Tricuspid Aortic Valves: One-year Follow-up**  
向井 隆 (大阪大学 循環器内科学)
- OJ42-5 One-year Outcomes of Endovascular Therapy for Aortoiliac Lesions**  
山内 靖隆 (総合高津中央病院心臓血管センター)
- OJ42-6 Clinical Implications of Geriatric Nutritional Risk Index for Critical Limb Ischemia Patients who Underwent Endovascular Therapy**  
安里 哲矢 (宮崎市医師会病院心臓病センター 循環器科)
- OJ42-7 Favorable Effects of Revascularization on Muscle Volume, Glucose Tolerance, and Apolipoproteins in Peripheral Artery Disease by Endovascular Therapy**  
宮國 知世 (日本医科大学千葉北総病院循環器センター)
- OJ42-8 Gender Difference in In-hospital Mortality for Acute Aortic Dissection: Analysis from the Tokyo Acute Aortic Super-network Database**  
高橋 寿由樹 (東京都CCUネットワーク学術委員会、東京都済生会中央病院)
- OJ42-9 Impact of Vessel Size for the Long-term Patency Following Self-expanding Nitinol Stent Implantation in the Superficial Femoral Artery**  
三木 孝次郎 (兵庫医科大学 循環器内科冠疾患内科)

一般演題口述 (日本語) 43 (VD/RF)

3月31日(日) 15:10-16:40

会議センター 4階 [419]

Vascular Disease (Others)

座長:

小林 成美 (神戸大学 内科学講座 循環器内科学分野)

石川 かおり (香川大学 総合内科)

- OJ43-1 Impact of Obstructive Sleep Apnea on Inter-arm Blood Pressure Difference: A Large Sleep Cohort Study**  
椎名 一紀 (東京医科大学 循環器内科学分野)
- OJ43-2 Visit-to-visit Blood Pressure Variability, Carotid Artery Hemodynamics, and Their Effects on Cognitive Dysfunction**  
永井 道明 (広島市立安佐市民病院 循環器内科)
- OJ43-3 Latent Left and Right Ventricular Dysfunction in Patients with Obstructive Sleep Apnea: Impact of Continuous Positive Airway Pressure Therapy**  
神田 貴弘 (浜松赤十字病院 循環器科)
- OJ43-4 Galectin-3 Predicts Impaired Membrane Microviscosity of Red Blood Cells and Microcirculatory Dysfunction in Hypertensive Subjects by a Nitric Oxide-dependent Mechanism**  
津田 和志 (関西医療大学 循環器代謝内科学)
- OJ43-5 Prognostic Impact of Periodic Leg Movements during Sleep on Patients with Heart Failure**  
菅野 優紀 (福島県立医科大学 循環器内科学講座)
- OJ43-6 Prognostic Impact of Restless Legs Syndrome on Patients with Heart Failure**  
三阪 智史 (福島県立医科大学 循環器内科学講座)
- OJ43-7 Restored Low Density Lipoprotein Uptake in Gene-corrected iPSC-derived Hepatocytes from Homozygous Familial Hypercholesterolemia**  
岡田 寛史 (金沢大学 循環器病態内科学)
- OJ43-8 The Interaction between Duration of Hypoxia and Muscle Sympathetic Nerve Activity in Obstructive Sleep Apnea Patients**  
濱岡 卓人 (金沢大学 先進予防医学研究科 システム生物学分野)
- OJ43-9 Carotid Flow Augmentation Has Differential Characteristics from Aortic Pressure Augmentation: Clinical Implications for Cerebral White Matter Hyperintensities with Advancing Age**  
橋本 潤一郎 (宮城教育大学保健管理センター)

March  
31  
PM

## Best Poster Session 6 (A)

---

March 31 (Sun) 14 : 00 – 14 : 50

Exhibition Hall

### Arrhythmia

#### Chairpersons :

Masaomi Kimura (Advanced Management of Cardiac Arrhythmia, Hiroasaki University Graduate School of Medicine, Hiroasaki)

Toshiya Kojima (Department of Cardiovascular Medicine, The University of Tokyo, Tokyo)

- BP6-1 A Novel TMEM168 Gene Mutation in Familial Brugada Syndrome Attenuates Na<sup>+</sup> Channel Function by Modulating Nav1.5 Expression**  
Dimitar P. Zankov (Division of Molecular Medical Biochemistry, Department of Biochemistry and Molecular Biology, Shiga University of Medical Science, Otsu)
- BP6-2 Association of GJA-1 Gene Polymorphisms with Heart Rate Control in Patients with Atrial Fibrillation**  
Sho Okamura (Department of Cardiology, Hiroshima University School of Medicine, Hiroshima)
- BP6-3 Overlapping Sick Sinus Syndrome Associated with SCN5A Mutations in Patients with Brugada Syndrome**  
Asami Kashiwa (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto)
- BP6-4 Withdrawn**
- BP6-5 Major Determinants for the Progression of Renal Function, and Its Prognostic Impact in Japanese Patients with Atrial Fibrillation**  
Keiichiro Kuronuma (Kawaguchi Municipal Medical Center, Kawaguchi)
- BP6-6 High Energy Requirement for Internal Cardioversion may Indicate Post-ablation Recurrence of Long-standing Persistent Atrial Fibrillation**  
Hiroki Sugiyama (Department of Cardiology, Ogaki Municipal Hospital, Ogaki)
- BP6-7 Poor Risk Assessment by Coronary Interventionists for Sudden Cardiac Death in Patients with Ischemic Heart Disease after Coronary Revascularization**  
Morihiro Takeda (Department of Cardiovascular Medicine, International University of Health and Welfare Hospital, Nasushiobara)

March  
31  
PM

## Poster Session (English) 65 (CAD)

March 31 (Sun) 14 : 50 – 15 : 40  
Exhibition Hall

### Intravascular Imagings

Chairpersons :

Hiroyuki Okura (Department of Cardiology, Gifu University Graduate School of Medicine, Gifu)

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

- PE65-1 Association between Calcified Nodules and Coronary Artery Calcification Score in Patients with OCT-guided PCI**  
Makoto Watanabe (Department of Cardiology, Nara Medical University, Kashihara)
- PE65-2 Detection of Plaque Rupture by High-definition Intravascular Ultrasound in Patients with Acute Coronary Syndrome**  
Hirofumi Ohashi (Department of Cardiology, Aichi Medical University, Nagakute)
- PE65-3 The Utility of Near-Infrared Spectroscopy (NIRS) to Detect Lipid Core Plaques (LCPs) Leading to Peri Procedural Myocardial Injury (Peri-MI)**  
Takaaki Matsuoka (Department of Cardiovascular Medicine, Chiba University, Chiba)
- PE65-4 Aortic Angioscopy for the Prediction of Embolic Stroke Associated with Transaortic Valvular Implantation**  
Makoto Natsumeda (Department of Cardiology, Tokai University School of Medicine, Isehara)
- PE65-5 Neo-intimal Calcification in Previously Implanted Bare-metal Stent Disturbs Newly Implanted Drug-eluting Stent Expansion in Target Lesion Revascularization**  
Takahiro Watanabe (Department of Cardiology, Yokohama Rosai Hospital, Yokohama)
- PE65-6 Serial Assessment of Vascular Response by Optical Coherence Tomography between Durable vs. Bioabsorbable Polymer EES in ACS Patients**  
Setsu Nishino (Department of Cardiovascular Medicine, Dokkyo Medical University, Mibu)
- PE65-7 Impact of High-sensitivity Cardiac Troponin Elevation in Relation to Diagnostic Invasive Intracoronary Imaging for the Assessment of Coronary Artery Disease**  
Kohshi Setoyama (The Second Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyushu)

## Poster Session (English) 66 (CAD)

March 31 (Sun) 14 : 50 – 15 : 40  
Exhibition Hall

### Thromboembolism

Chairpersons :

Tetsuya Watanabe (Yao Municipal Hospital, Yao)

Yoshihiro Dohi (Division of Cardiology, Kure Kyosai Hospital, Kure)

- PE66-1 Rivaroxaban, A Direct Inhibitor of FXa, Attenuated Diabetes-induced Endothelial Dysfunction by Inhibiting FXa-protease Activated Receptor 2 Signaling**  
Tran Phuong Pham (Department of Cardiovascular, Tokushima University, Tokushima)
- PE66-2 The Relationship between Varicose Veins and the Risk of Recurrent Venous Thromboembolism: From the COMMAND VTE Registry**  
Hidenori Yaku (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto)
- PE66-3 Impact of VTE-BLEED Score to Predict Major Bleeding and Other Adverse Event for Venous Thromboembolism**  
Junya Honda (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)
- PE66-4 History of Venous Thromboembolism Correlated with The Onset of Heart Failure in Cancer Patients**  
Shinji Satoh (Department of Cardiology, Saiseikai Imabari Hospital, Imabari)
- PE66-5 The Characteristics and the Risk Factor of Thrombosis in Patients with Atrial Fibrillation Taking Reduced Dose of DOAC**  
Yasuaki Tsumagari (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)
- PE66-6 Specialty-related Differences between Cardiologists and General Practitioners in the Management of Atrial Fibrillation**  
Taro Nihei (Department of Cardiology, Ishinomaki Municipal Hospital, Ishinomaki)
- PE66-7 The Correlations between Anti-factor Xa Activity Values and PT/APTT at Peak and Trough Times in Patients on Rivaroxaban Therapy**  
Ryohei Ono (Department of Cardiology, Matsudo City General Hospital, Matsudo)

March  
31  
PM

## Poster Session (English) 67 (A)

---

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Ventricular Tachyarrhythmia 1

Chairpersons :

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

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

**PE67-1 Impact of the Contemporary Prophylactic Catheter Ablation for Ventricular Tachycardia in Patients with Structural Heart Disease**

Takeshi Kitamura (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)

**PE67-2 Electrocardiographic Features of Ventricular Arrhythmias Originating from The Junction of Left and Right Coronary Cusp**

Hiroataka Muramoto (Hiratsuka Kyosai Hospital, Kanagawa)

**PE67-3 Comparison of Impedance Differences on the Basis of Ground Catheter Tip Size during Bipolar Ablation for Intramural Ventricular Tachycardia**

Iwanari Kawamura (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)

**PE67-4 Short-term Outcomes of Epicardial Substrate-based Ablation in the Prevention of Recurrences of Ventricular Fibrillation in Patients with Brugada Syndrome**

Akira Kimata (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

**PE67-5 Catheter Ablation for Septal Ventricular Tachycardia in the Patients with Non-ischemic Cardiomyopathy: Incidence, Recurrence, and Substrate Characteristics**

Masayuki Hattori (Department of Cardiology, University of Tsukuba Hospital, Tsukuba)

## Poster Session (English) 68 (A)

---

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Ventricular Tachyarrhythmia 2

Chairpersons :

Masahiko Takagi (Division of Clinical Arrhythmia, Kansai Medical University Medical Center, Moriguchi)

Masato Watanuki (Department of Cardiology, Hikone Municipal Hospital, Hikone)

**PE68-1 Characteristics of 12-lead ECG in Patients with Outflow Tract Ventricular Arrhythmias Considering Ethanol Injection into Coronary Vein**

Nobuo Ishiguro (Nagoya Tokushukai General Hospital, Kouzouji)

**PE68-2 Initial Experience of Ablation for Outflow Tract Ventricular Arrhythmia Using Non-fluoroscopic Catheter Visualization System**

Yumi Katsume (Department of Cardiology, Kyorin University School of Medicine, Tokyo)

**PE68-3 Clinical Characteristics and Outcomes of Catheter Ablation for Ventricular Tachycardia in Cardiac Sarcoidosis: Significant Role of Aneurysm for Arrhythmogenic Substrate**

Keita Mamiya (Department of Cardiology, Nagoya University Graduate School of Medicine, Nagoya)

**PE68-4 Fast-fourier Transform Analysis during SR as an Optimal Ablation Site Indicator of Outflow Tract Ventricular Arrhythmias when They Hardly Appear**

Hitoshi Hachiya (Cardiovascular Division, Tsuchiura Kyodo Hospital, Tsuchiura)

**PE68-5 Transseptal Approach is Feasible and Effective in Ablating Ventricular Tachycardia Originating from Left Ventricle**

Kazuo Sakamoto (Department of Cardiology, Kyushu University Hospital, Fukuoka)

## Poster Session (English) 69 (A)

---

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Ventricular Tachyarrhythmia 3

Chairpersons :

Atsunobu Kasai (Department of Cardiology, Ise Red Cross Hospital, Ise)

Kaoru Tanno (Department of Cardiology, Showa University Koto-Toyosu Hospital, Tokyo)

**PE69-1 Characteristics and Short-term Prognosis of Patients with Ventricular Arrhythmias: Five Years Analysis from Tokyo CCU Network Registry**

Akira Ueno (Tokyo CCU Network Scientific Committee, Tokyo)

March  
31  
PM



- PE69-2 Programmed Electrical Stimulation can Predict Prognosis in Asymptomatic Patients but not in Symptomatic Patients with Brugada Syndrome**  
Saori Tsukuda (Department of Cardiovascular Medicine, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama)
- PE69-3 Long-term Follow up Ventricular Tachycardia Patients with Preserved Cardiac Function: From Japanese Cardiac Sarcoidosis Nationwide Questionnaire Survey**  
Kenzaburo Nakajima (National Cerebral and Cardiovascular Center, Suita)
- PE69-4 Combined Assessment of Novel Ambulatory-based Late Potentials and Heart Rate Turbulence in Identifying at Risk in Patients after Myocardial Infarction**  
Kenichi Hashimoto (Department of Intensive Care Medicine, National Defense Medical College, Saitama)
- PE69-5 Usefulness of Wearable Cardioverter Defibrillator as a Bridge Therapy**  
Noriko Kikuchi (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- PE69-6 Duration of Heart Failure History and Enlarged Left Ventricle are Associated with Ventricular Arrhythmia after LVAD Implantation**  
Daisuke Yakabe (Department of Cardiology, National Hospital Organization Kyushu Medical Center, Fukuoka)
- PE69-7 Frequency Gradient during Rotor Activity in Human Ventricular Fibrillation**  
Takeshi Kitamura (Department of Electrophysiology, IIRYC, Bordeaux University, CHU de Bordeaux, France)

## Poster Session (English) 70 (HF/CM)

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Pulmonary Circulation 2

Chairpersons :

Noriaki Emoto (Laboratory of Clinical Pharmaceutical Science, Kobe Pharmaceutical University, Kobe)

Hiroshi Wada (Department of Cardiovascular Medicine, Saitama Medical Center, Jichi Medical University, Saitama)

- PE70-1 Chronic Inhibition of Toll-Like Receptor 9 Ameliorated the Development of Pulmonary Arterial Hypertension by Reducing Perivascular Inflammation in Rats**  
Tomohito Ishikawa (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka)
- PE70-2 Endothelin-1 Upregulates Activin Receptor-like Kinase-1 (ALK-1) Expression through Gi-RhoA Dependent Pathway in Human Pulmonary Arterial Endothelial Cells**  
Koichi Sugimoto (Department of Pulmonary Hypertension, Fukushima Medical University, Fukushima)
- PE70-3 Critical Role of INHBA in Pulmonary Arterial Hypertension Development**  
Gusty Rizky Teguh Ryanto (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- PE70-4 Metabonomic Analysis in the Lung of Mice with Hypoxia-induced Pulmonary Hypertension**  
Satoshi Sakai (Department of Cardiology, University of Tsukuba, Tsukuba)
- PE70-5 Role of BMPR2 Mutation in Monocrotaline-induced Pulmonary Hypertension: Analysis Using Rats with a Crispr/Cas9-induced Truncating BMPR2 Mutation**  
Jane C. Kabwe (Mie University Graduate School of Medicine, Tsu)
- PE70-6 Balloon Pulmonary Angioplasty for Patients with Symptomatic Chronic Thromboembolic Disease without Pulmonary Hypertension**  
Yu Taniguchi (Department of Cardiology, Kobe University Graduate School of Medicine, Kobe)

## Poster Session (English) 71 (VD/RF)

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Vascular Biology 1

Chairpersons :

Tomohiro Osanaï (Hirosaki University Graduate School of Health Sciences, Hirosaki)

Akira Miyamoto (Department of Cardiology, Takatsu General Hospital, Kawasaki)

- PE71-1 C1q/TNF-Related Protein 1 Promotes Endothelial Barrier Dysfunction under Disturbed Flow**  
Xiao Qun Wang (Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, China)
- PE71-2 Important Roles of Endothelium-dependent Hyperpolarization in Coronary Microcirculation and Cardiac Diastolic Function in Mice**  
Yosuke Ikumi (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

March  
31  
PM

- PE71-3 Marked Impairment of Endothelium-dependent Digital Vasodilatations in Patients with Microvascular Angina Compared with Those with Vasospastic Angina**  
Shoko Kajitani (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
- PE71-4 Combined Lipid Lowering Therapy in Patients with Ischemic Heart Disease and Metabolic Syndrome**  
Jamol Uzokov (Republican Specialized Scientific Practical Medical Center of Therapy and Medical Rehabilitation, Uzbekistan)
- PE71-5 Minimally Invasive Surgical Treatment of Stanford A Aortic Dissection**  
Weitie Wang (The Second Hospital of Jilin University, China)
- PE71-6 FAK Promotes Tissue Destruction in Murine Model of Aortic Dissection**  
Ryohei Majima (Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine, Fukuoka)
- PE71-7 Syk Protects Aortic Tissue from Destruction in Murine Aortic Dissection**  
Youhei Hashimoto (Department of Internal Medicine, Division of Cardiovascular Medicine, Kurume University School of Medicine, Kurume)

## Poster Session (English) 72 (VD/RF)

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Vascular Biology 2

Chairpersons :

Toshihiro Ichiki (Department of Cardiology, Harasanshin Hospital, Fukuoka)

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

- PE72-1 Important Roles of Endothelial Caveolin-1 in Endothelium-dependent Hyperpolarization and Ischemic Angiogenesis in Mice**  
Akiyo Ito (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
- PE72-2 Osteoprotegerin is Up-regulated at the Transition Zone of Abdominal Aortic Aneurysm in Humans**  
Toshihiro Tsuruda (Department of Internal Medicine, Circulatory and Body Fluid Regulation, Faculty of Medicine, University of Miyazaki, Miyazaki)
- PE72-3 A New Aortic Arch Inclusion Technique with Frozen Elephant Trunk for Type A Aortic Dissection**  
Cuilin Zhu (The Second Hospital of Jilin University, China)
- PE72-4 Gender Differences in Acute Type B Aortic Dissection**  
Ryuki Chatani (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)
- PE72-5 A New Aortic Root Reinforcement Technique for Acute Type A Aortic Dissection Surgery**  
Cuilin Zhu (The Second Hospital of Jilin University, China)
- PE72-6 Spot Stenting versus Full Coverage Stenting after Endovascular Therapy for Femoropopliteal Artery Lesions**  
Yusuke Tomoi (Department of Cardiology, Kokura Memorial Hospital, Kitakyushu)
- PE72-7 The Impact of Calcium Score of Femoropopliteal Artery after Endovascular Treatment (EVT)**  
Takahiro Tokuda (Department of Cardiology, Nagoya Heart Center, Nagoya)

## Poster Session (English) 73 (SHD)

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Valvular Heart Disease 2

Chairpersons :

Shinji Miyamoto (Department of Cardiovascular Surgery, Oita University, Yufu)

Tomoko Nakao (Department of Clinical Laboratory, The University of Tokyo Hospital, Tokyo)

- PE73-1 Renal Impairment and CHA2DS2-VASc Score are Associated with Silent Brain Infarction in Patients with Severe Aortic Stenosis**  
Soichiro Tamura (Department of Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka)
- PE73-2 Prognostic Impact of Controlling Nutritional Status (CONUT) Score in Patients with Infective Endocarditis**  
Yuki Saito (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

March  
31  
PM

- PE73-3 A Real-world Validation of Clinical Prediction Model for Predicting Mortality after Transcatheter Aortic Valve Implantation**  
Hiroki Tateishi (Division of Cardiology, Department of Clinical Science and Medicine, Yamaguchi University Graduate School of Medicine, Ube)
- PE73-4 Influence of the Tilt Angle of Transcatheter Aortic Valve Implantation on a New-onset Conduction Abnormality**  
Yoshiki Matsuo (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)
- PE73-5 Impact of Mitral Valve Regurgitation among Severe AS Patients**  
Hiroki Kajiuura (Ichinomiya Municipal Hospital, Ichinomiya)
- PE73-6 Transcatheter Aortic Valve Implantation is Superior to Aortic Valve Replacement in Cardiac Sympathetic Nerve Activity in Patients with Aortic Stenosis**  
Tetsuaki Ohnishi (Department of Cardiology, Himeji Cardiovascular Center, Himeji)
- PE73-7 Atrial Functional Tricuspid Regurgitation Due to Persistent Atrial Fibrillation: Echocardiographic Assessment at around Catheter Ablation Treatment**  
Kiho Itakura (Department of Cardiology, Hiroshima University Hospital, Hiroshima)

## Poster Session (English) 74 (IMG)

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### ECG

Chairpersons :

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

Tadashi Fujino (Department of Cardiology, Policlinico Casilino, Italy)

- PE74-1 Can the 12-leads Electrocardiography Itself Predict Prognosis in Patients with Complete Left Bundle Branch Block?**  
Masato Shimizu (Department of Cardiology, Yokohama Minami Kyosai Hospital, Yokohama)
- PE74-2 Electrocardiogram Findings in Patients with Pectus Excavatum: Relationship with Anatomical Severity Indicated by the Haller Index and Acquired by Computed-Tomography**  
Gentarō Koyama (Department of Cardiology, Chiba University School of Medicine, Chiba)
- PE74-3 P Wave Width is an Electrocardiographic Marker for Recurrence after Catheter Ablation for Atrial Fibrillation**  
Daisuke Wakatsuki (Division of Cardiology, Showa University Fujigaoka Hospital, Yokohama)
- PE74-4 Is It Possible to Recognize Free-wall Implantation of Leadless Pacemaker from an ECG?**  
Takatsugu Kajiyama (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)
- PE74-5 QT Interval as a Predictor for the Severity and Progression among COPD Patients**  
Bo Zhou (Respiratory Department, First Affiliated Hospital of Medical College, Xi'an Jiaotong University, China)
- PE74-6 The Prediction of New-onset Atrial Fibrillation after Cavo-tricuspid Isthmus Dependent Atrial Flutter Ablation**  
Yuhi Fujimoto (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)
- PE74-7 Impact of Oxidative Stress on the Long-term Heart Rate Variability: Linear vs. Nonlinear Heart Rate Dynamics**  
Chan-Hee Lee (Yeungnam University Medical Center, Korea)

## Poster Session (English) 75 (IMG)

March 31 (Sun) 14 : 50 – 15 : 40

Exhibition Hall

### Nuclear Others

Chairpersons :

Shigeru Fukuzawa (Division of Cardiology, Funabashi Municipal Medical Center, Funabashi)

Masayoshi Sarai (Department of Cardiology, Fujita Health University School of Medicine, Toyoake)

- PE75-1 Phase Analysis Using Low Dose 99mTc Gated-SPECT Detects Significant Late Gadolinium Enhancement in Patients with Dilated Cardiomyopathy**  
Sakura Nagumo (Department of Cardiology, Nihon University Hospital, Tokyo)
- PE75-2 Tc-99m-pyrophosphate (PYP) Scintigraphy Diagnosis of Cardiac Amyloidosis: Utilization of Heart to Contralateral Lung Ratio**  
Shinro Matsuo (Department of Advanced Preventive Medical Sciences, Graduate School of Kanazawa University, Kanazawa)

March  
31  
PM

- PE75-3 Heart Failure with Recovered Ejection Fraction Has Better Cardiac Sympathetic Nerve Function than Heart Failure with Reduced Ejection Fraction**  
Yohei Ishibashi (Department of Cardiology, Gunma University School of Medicine, Gunma)
- PE75-4 Artificial Intelligence-based Risk Model for Predicting 5-year Sudden Cardiac Death and Heart-failure Death Using I-123 Meta-iodobenzylguanidine**  
Kenichi Nakajima (Department of Nuclear Medicine, Kanazawa University School of Medicine, Kanazawa)
- PE75-5 Effect of Transcatheter Aortic Valve Implantation on Cardiac Sympathetic Nervous Function Assessed by <sup>123</sup>I-Metaiodobenzylguanidine Scintigraphy in Patients with Aortic Stenosis**  
Yoshito Kadoya (Department of Cardiovascular Medicine, Kyoto Prefectural University of Medicine, Kyoto)
- PE75-6 Prognostic Value of <sup>99m</sup>Tc-ECD Brain Perfusion SPECT in Patients with Atrial Fibrillation and Dementia**  
Hidenobu Hashimoto (Department of Cardiovascular Medicine, Department of Internal Medicine, Toho University Faculty of Medicine, Tokyo)
- PE75-7 Two Rest Gated Myocardial Perfusion SPECT (GMPS) Acquisitions with a Single Injection of <sup>99m</sup>Tc-tetrofosmin are Useful for CRT Optimization**  
Shohei Ishikawa (Department of Cardioresenal and Cerebrovascular Medicine, Faculty of Medicine, Kagawa University, Kagawa)

March  
31  
PM

## ポスターセッション（日本語）105 (CAD)

3月31日(日) 14:50-15:40

展示ホール

### Intravascular Imagings 3

座長:

川崎 雅規 (岐阜ハートセンター 循環器内科)

高島 浩明 (愛知医科大学 循環器内科)

**PJ105-1 Mechanical Stress and Strain of Coronary Plaque Assessed by Speckle-tracking on High-definition Intravascular Ultrasound (60MHz-ST-IVUS)**

田中 新一郎 (朝日大学病院 循環器内科)

**PJ105-2 Optical Coherence Tomography Findings of Stable Angina Pectoris Lesions with Poor Coronary Flow Compared with Acute Coronary Syndrome Lesions**

木村 茂樹 (亀田総合病院 循環器内科)

**PJ105-3 Clinical Characteristics of Calcified Nodule within Stent Causing In-stent Restenosis**

五十殿 弘二 (京都第二赤十字病院 循環器内科)

**PJ105-4 Assessment of the Differences of Plaque Characterizations between Coronary Angioscopy and Optical Coherence Tomography Examination**

木村 茂樹 (亀田総合病院 循環器内科)

**PJ105-5 Prognostic Impact of Calcified Nodule in Patients with End-Stage Renal Disease: An Optical Coherence Tomography Study**

岡村 昭彦 (奈良県立医科大学 循環器内科学)

**PJ105-6 Association of High Lipoprotein (a) with the Severity of Aortic Atherosclerosis (From Aortic Angioscopy Study)**

臺 和興 (広島市立病院機構広島市立広島市民病院 循環器内科)

**PJ105-7 Predictors of Restenosis after Non-stenting Coronary Intervention with Drug-coated Balloon Assessed by Optical Coherence Tomography**

中釜 瞬 (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）106 (CAD)

3月31日(日) 14:50-15:40

展示ホール

### Intravascular Imagings 4

座長:

西岡 利彦 (埼玉医科大学総合医療センター 心臓内科)

山崎 正雄 (NTT東日本関東病院 循環器内科)

**PJ106-1 Relationship between the Presence of Lipid Detected by Near-infrared Spectroscopy and Stenosis Severity in Terms of Anatomy and Function**

羽田 昌浩 (土浦協同病院 循環器内科)

**PJ106-2 Impact of Optical Coherence Tomography-guided Percutaneous Coronary Intervention on Clinical Outcomes in Comparison between Patients with and without Diabetes Mellitus**

黒田 優 (明石医療センター 循環器内科)

**PJ106-3 Characteristics of Optical Coherence Tomography Finding Relating to Stent Thrombosis after Index PCI**

経堂 篤史 (奈良県立医科大学 循環器内科)

**PJ106-4 Association between Achilles Tendon Thickness and Coronary Plaque Vulnerability in 3 Coronary Major Branches in Patients with Acute Coronary Syndrome**

江渕 康柔 (日本大学 循環器内科)

**PJ106-5 Microluminal Structures of Coronary Plaque and Vasa Vasorum Affect Coronary Inflammation: A Fresh Cadaveric Study**

伊藤 浩敬 (徳島大学 循環器内科)

**PJ106-6 The Extent of Lipidic Components Associates with Thrombogenicity at Culprit Plaque in ACS: Insight from OCT and NIRS Imaging Analysis**

北原 慧 (国立循環器病研究センター 心臓血管内科)

**PJ106-7 Neointimal Characteristics by Optical Coherence Tomography in Coronary In-stent Restenosis Lesions with Internal Running Neointimal Microvessels**

天野 英夫 (東邦大学 内科学講座 循環器内科学分野)

March  
31  
PM

## ポスターセッション（日本語）107 (CAD)

3月31日(日) 14:50-15:40

展示ホール

### Thromboembolism 1

座長:

村崎 かがり (東京女子医科大学 循環器内科学・予防医学科)

海北 幸一 (熊本大学 生命科学研究所 循環器内科学)

**PJ107-1 Design and Baseline Characteristics of the Edoxaban Real-world Observational Study in Japanese Patients with Venous Thromboembolism (ETNA-VTE-Japan)**

山田 典一 (桑名市総合医療センター)

**PJ107-2 Risk Factors for Intestinal Bleeding in Patients Receiving Antithrombotic Therapy in the Era of Helicobacter Pylori Eradication Therapy**

山野 貴司 (和歌山県立医科大学 循環器内科学)

**PJ107-3 Long-term Outcomes of Patients with Pulmonary Embolism versus Deep Vein Thrombosis: From the COMMAND VTE Registry**

村田 耕一郎 (静岡市立静岡病院 循環器内科)

**PJ107-4 Comparison of Edoxaban Plasma Concentration Determined by Direct and Indirect Methods in Patients with Non-valvular Atrial Fibrillation (CVI ARO 7)**

鈴木 信也 (心臓血管研究所 循環器科)

**PJ107-5 Comparison of Efficacy and Safety of Direct Oral Anticoagulants with Warfarin in Asian Patients with Post-operative Fresh Venous Thromboembolism**

下高原 淳一 (米盛病院 救急科・循環器科)

**PJ107-6 Dilatation of the Popliteal Vein is the Risk Factor for Pulmonary Thrombus in Patients with Venous Thromboembolism**

山田 崇史 (JA愛知厚生連海南病院 循環器内科)

**PJ107-7 Pharmacokinetics Analysis of Apixaban in Patients with NVAF below and above 75 Years Old**

菅原 里恵 (獨協医科大学 循環器・腎臓内科)

## ポスターセッション（日本語）108 (CAD)

3月31日(日) 14:50-15:40

展示ホール

### Thromboembolism 2

座長:

大嶋 秀一 (熊本中央病院 循環器科)

河合 勇介 (岡山市立市民病院 循環器内科)

**PJ108-1 Estimation of Plasma Concentration of Edoxaban by Anticoagulation Markers in Japanese Patients with Non-valvular Atrial Fibrillation (CVI ARO 7)**

鈴木 信也 (心臓血管研究所 循環器科)

**PJ108-2 Novel Quantitative Evaluation Method of Thrombus Volume by Ultrasound in Patients with Lower Limb Deep Vein Thrombosis: Correlation with Computed Tomography**

久武 真二 (東邦大学 内科学講座 循環器内科学分野)

**PJ108-3 Use of Anticoagulation and Incidence of Thrombotic and Bleeding Events in Patients Undergoing Percutaneous Coronary Intervention (PCI): Shinken Database Analysis**

新井 陸 (心臓血管研究所 循環器内科)

**PJ108-4 The Characteristics and Clinical Outcomes of the Japanese AF Patients with High HAS-BLED Score: The Fushimi AF Registry**

池田 周平 (京都医療センター 循環器内科)

**PJ108-5 Body Mass Index and Blood Pressure are Independently Associated with Higher Levels of D-dimer in Anticoagulated Patients with Atrial Fibrillation**

岡村 昌宏 (鳥取大学 病態情報内科学)

**PJ108-6 Association between Changes in Platelet Reactivity during Elective Percutaneous Coronary Intervention with Prasugrel Pretreatment and Periprocedural Myocardial Infarction**

河合 勇介 (岡山市立市民病院 循環器内科)

**PJ108-7 Blood Coagulation Status after Transcatheter Aortic Valve Implantation in Patients with Atrial Fibrillation**

片山 大河 (帝京大学 循環器内科)

March  
31  
PM

## ポスターセッション（日本語）109 (CAD)

3月31日(日) 14:50-15:40

展示ホール

### Thromboembolism 3

座長:

堀内 久徳 (東北大学加齢医学研究所 加齢制御研究部門 基礎加齢研究分野)

梅谷 健 (山梨県立中央病院 循環器内科)

#### PJ109-1 Clinically Feasible Novel Method for Assessing Leukocyte Rheological Activation in Whole Blood in *ex Vivo*

安 隆則 (獨協医科大学日光医療センター 心臓・血管・腎臓内科)

#### PJ109-2 Distribution on Anti-factor Xa Activity Depending on the Body Weight in Patients on Edoxaban Therapy

小野 亮平 (松戸市立総合医療センター 循環器内科)

#### PJ109-3 Total Thrombus-formation Analysis System Detects Low Thrombogenicity in Coronary Artery Disease Patients with Renal Dysfunction

中西 信博 (熊本大学 循環器病態学)

#### PJ109-4 Edoxaban Eliminates Hypercoagulability Evoked by Transient Temperature Change

鈴木 杏奈 (東京医科歯科大学 循環生理解析学)

#### PJ109-5 Another Type of Venous Thromboembolism (VTE): Portal Vein Thrombosis (PVT)'s Current Situation

金 史彦 (聖隷三方原病院 循環器科)

#### PJ109-6 Effectiveness of Direct Oral Anticoagulants to Reduce Thrombus Size in Patients with Venous Thromboembolism Compared with Warfarin

千田 啓介 (信州大学 循環器内科学)

#### PJ109-7 The Characteristics of the Elder Patients with Acute Pulmonary Embolism: From the Tokyo CCU Network Registry Database

正司 真 (東京都CCUネットワーク学術委員会)

March  
31  
PM

## ポスターセッション（日本語）110 (A)

3月31日(日) 14:50-15:40

展示ホール

### New Mapping Technology

座長:

宮永 哲 (東京慈恵会医科大学柏病院 循環器内科)

田中 耕史 (桜橋渡辺病院心臓血管センター 不整脈科)

#### PJ110-1 Superior Vena Cava Mapping and Electrical Isolation Using a Novel Ultra-high Resolution 3-dimensional Mapping System

向井 萌 (福井大学 循環器内科)

#### PJ110-2 The Feature of High-density Mapping Systems: The Direct Comparison between RHYTHMIA with ORION and EnSite with HD Grid

田中 泰章 (横須賀共済病院循環器センター 内科)

#### PJ110-3 Catheter Ablation for Manifest Wolff-Parkinson-White Syndrome Using Ultra-high-resolution Three-dimensional Mapping System: A Potential Benefit to Identify Complex Accessory Pathway

柳澤 哲 (名古屋大学 先進循環器治療学講座)

#### PJ110-4 Insights with High-resolution Mapping of Electrophysiological Breakthroughs from the Left Atrium to Pulmonary Veins

山下 省吾 (東京慈恵会医科大学 循環器内科)

#### PJ110-5 High-resolution Mapping of the Accessory Pathways

後藤 貢士 (埼玉医科大学国際医療センター 心臓内科)

#### PJ110-6 Automatic High Density Mapping Facilitates Identification of the Critical Channel in the Tachycardia Circuit of Uncommon Atrial Flutter

古山 准二郎 (済生会熊本病院心臓血管センター 循環器内科)

#### PJ110-7 A Repeat Atrial Fibrillation Ablation Using an Ultra-high-resolution Mapping System

増田 正晴 (関西労災病院 心臓血管センター)

## ポスターセッション（日本語）111 (A)

3月31日(日) 14:50-15:40

展示ホール

### Pacemaker

座長:

山田 忠克 (愛媛県立中央病院 循環器内科)

新田 正光 (千葉西総合病院 循環器科)

- PJ111-1 Impact of Admission Heart Rate and Systolic Blood Pressure on Pacemaker Dependency in Patients with Complete Atrioventricular Block**  
片岡 翔平 (東京都CCUネットワーク学術委員会)
- PJ111-2 Utility of New Catheter Delivery System on Ventricular Lead Implantation: Comparison with Standard Stylet Delivery System**  
山形 研一郎 (国立循環器病研究センター)
- PJ111-3 Usefulness of Lead Delivery Catheter System for “true” Right Ventricular Septal Pacing**  
岡崎 絢子 (聖隷三方原病院 循環器科)
- PJ111-4 The Association between Specialty of Electrophysiology and Severe Complication Rate of Pacemaker Implantation**  
上松 弘幸 (関西労災病院 循環器内科)
- PJ111-5 Successful Treatment of Anti-tachycardia Pacing: The Impact of Characteristics of Tachycardia and Pacing on Arrhythmia Termination**  
岡島 英梨 (東京慈恵会医科大学 循環器内科)
- PJ111-6 The Correlation between Duration of Delta Wave and Left Ventricular Mechanical Dyssynchrony in Non-selective His Bundle Pacing**  
須賀 一将 (JCHO中京病院 循環器内科)
- PJ111-7 Usefulness of Contrast Media Injection at Tip of the Right Ventricular Lead to Detect Lead Perforation Compared to Computed Tomography**  
佃 早央莉 (岡山大学 循環器内科学)

## ポスターセッション（日本語）112 (A)

3月31日(日) 14:50-15:46

展示ホール

### Anticoagulation

座長:

原田 智雄 (聖マリアンナ医科大学 循環器内科)

伴場 圭一 (心臓病センター榊原病院 循環器内科)

- PJ112-1 How Frailty Influences on Bleeding Events Regarding Anticoagulant Therapy in Patients with Heart Failure and Atrial Fibrillation**  
太田 真之 (手稲深仁会病院 心臓血管センター 循環器内科)
- PJ112-2 Impact of Cancer on Bleeding and Ischemic Stroke in Atrial Fibrillation Patients Taking Rivaroxaban: A Direct Oral Anticoagulant**  
秋津 克哉 (東邦大学 内科学講座 循環器内科学分野)
- PJ112-3 A Novel Simple Risk Score for the Prediction of Bleeding in Atrial Fibrillation Patients with Direct Oral Anticoagulants**  
川崎 真佐登 (大阪急性期・総合医療センター 心臓内科)
- PJ112-4 The Impact of Renal Function on the Clinical Events in Atrial Fibrillation Patients with DOAC**  
佐藤 貴雄 (立川総合病院)
- PJ112-5 The Impact of Frailty on Major Bleeding and Stroke in Patients Using Direct Oral Anticoagulants**  
佐藤 貴雄 (立川総合病院)
- PJ112-6 Selective under Dose of DAOC may be Reasonable Option for Stroke Prevention in Non-valvar Atrial Fibrillation Patients**  
宮村 昌利 (大阪医科大学 内科学Ⅲ)
- PJ112-7 DOAC Decreases Mortality after Bleeding/Thromboembolic Events in Patients with Atrial Fibrillation**  
野々村 誠 (済生会富山病院 内科)
- PJ112-8 Risk of Ischemic Stroke and Need for Oral Anticoagulation after Catheter Ablation of Atrial Fibrillation**  
遠山 英子 (福岡山王病院ハートリズムセンター)

March  
31  
PM



## ポスターセッション（日本語）113 (A)

3月31日(日) 14:50-15:40

展示ホール

### Arrhythmia, Basic

座長:

吉岡 公一郎 (東海大学 内科学系循環器内科学)

中野 由紀子 (広島大学 循環器内科)

#### PJ113-1 Algorithmic Auto-recreation System of hiPSC-CMs Simulation and Prediction of Drug Testing

梶谷 泰彦 (京都大学 循環器内科)

#### PJ113-2 Intolerance to Rapid Ventricular Pacing and Coronary Hypoplasia in Pannexin-1 Knockout Mouse Heart

井原 健介 (東京医科歯科大学 難治疾患研究所 生体情報薬理学分野)

#### PJ113-3 Slow Pacemaking by Attenuated Beta-adrenergic Response in Tric-a Knockout Mice

外山 佑一 (弘前大学 循環器腎臓内科学講座)

#### PJ113-4 A Lesion Created by Repeated Applications at the Same Site Distorts the Ablation Index-based Lesion Size

大塚 直人 (日本大学 循環器内科)

#### PJ113-5 Chronically Administered Fingolimod Provides a Novel Therapeutic Strategy for Atrial Fibrillation Assessed in the Rat Hypertrophy Model with Aorto-venocaval Shunt

根本 恵美 (東邦大学 薬学部 薬物治療学)

#### PJ113-6 Interleukin-6 Mediates Arrhythmogenic Atrial Remodeling in Mice

山上 文 (筑波大学 循環器内科学)

#### PJ113-7 The Correlation between Circulating Intermediate CD14++CD16+ Monocytes and Atrial Electrical Remodeling in Atrial Fibrillation Patients

末廣 英也 (神戸大学 循環器内科)

March  
31  
PM

## ポスターセッション（日本語）114 (A)

3月31日(日) 14:50-15:40

展示ホール

### Atrial Tachycardia

座長:

清水 宏紀 (六甲アイランド甲南病院 循環器内科)

井川 昌幸 (筑波記念病院 循環器内科)

#### PJ114-1 Macroreentrant Atrial Tachycardia Originating from Left Atrial Anterior Wall after Radiofrequency Pulmonary Venous Isolation for Long-standing Persistent Atrial Fibrillation

大西 克実 (昭和大学 内科学講座 循環器内科学部門)

#### PJ114-2 Atrial Tachyarrhythmia Recurrence after Ablation for Atrial Fibrillation in Patients with Low Voltage Zone in the Left Atrium

岡松 秀治 (済生会熊本病院心臓血管センター 循環器内科)

#### PJ114-3 Atrial Tachycardia Occurring after Surgical Maze Procedure or Stepwise Catheter Ablation

中島 淳 (横須賀共済病院循環器センター 内科)

#### PJ114-4 Prevalence and Reentrant Circuit Features of Batrial Tachycardia

北村 健 (Department of Electrophysiology, LIROYC, Bordeaux University, CHU de Bordeaux, France)

#### PJ114-5 Ultrahigh Resolution Mapping System Optimizes Catheter Ablation of Atrial Tachycardia

石川 恵理 (福井大学 循環器内科)

#### PJ114-6 Clinical and Electrophysiological Characteristics of Atrial Tachycardia after Open Heart Surgery of Non-congenital Heart Disease

井上 義明 (松江赤十字病院 循環器内科)

## ポスターセッション（日本語）115 (HF/CM)

3月31日(日) 14:50-15:40

展示ホール

### Heart Failure (Laboratory/Biomarkers)

座長:

山田 貴久 (大阪急性期・総合医療センター 心臓内科)

衣笠 良治 (鳥取大学 循環器内科)

- PJ115-1 Prognostic Value of a New Systemic Nutrition-inflammation Index in Acute Decompensated Heart Failure: A Comparison with Neutrophil to Lymphocyte Ratio**  
山田 貴久 (大阪急性期・総合医療センター)
- PJ115-2 Prognostic Value of Fibrosis-4 Index in Acute Decompensated Heart Failure: A Prospective Comparative Study with Other Liver Fibrosis Score**  
川平 正継 (大阪急性期・総合医療センター 心臓内科)
- PJ115-3 Clinical Significance of Serum Magnesium Levels in Patients with Heart Failure with Preserved Ejection Fraction**  
西原 大貴 (熊本大学 循環器内科学)
- PJ115-4 C-reactive Protein to Prealbumin Ratio on Admission and Mortality in Patients Hospitalized for Acute Heart Failure**  
春木 伸太郎 (東京女子医科大学 循環器内科学)
- PJ115-5 Comparison of the Prognostic Values of Formulas for the Estimation of Plasma Volume in Patients Admitted for ADHF**  
玉置 俊介 (大阪急性期・総合医療センター 心臓内科)
- PJ115-6 Long-term Prognostic Value of Cardiorenhepatic Syndrome in Patients Admitted for Acute Decompensated Heart Failure**  
山田 貴久 (大阪急性期・総合医療センター)
- PJ115-7 Ratio of Systolic Function-to-Pressure of Right Ventricle Predicts Mortality in Acute Heart Failure Patients with Left Ventricular Systolic Dysfunction**  
龜谷 智子 (東京女子医科大学 循環器内科)

## ポスターセッション（日本語）116 (HF/CM)

3月31日(日) 14:50-15:40

展示ホール

### Pulmonary Circulation 2

座長:

牧 尚孝 (東京大学 循環器内科)

足立 史郎 (名古屋大学 肺高血圧先端医療学寄附講座)

- PJ116-1 Comparison of Pulmonary Vascular Resistance and Pulmonary Artery Compliance during Exercise between IPAH and CTEPH with Normal Pulmonary Artery Pressure**  
合田 あゆみ (杏林大学 循環器内科)
- PJ116-2 Clinical Impact of High-sensitive Cardiac Troponin T in the Patients with Chronic Thromboembolic Pulmonary Hypertension**  
山方 勇樹 (長崎大学病院 循環器内科)
- PJ116-3 Perinatal Origin of Pulmonary Arterial Hypertension: From a Newly Established Fatal Sugen/Hypoxia Rat Model**  
大下 裕法 (三重大学 小児科)
- PJ116-4 Impact of Balloon Pulmonary Angioplasty (BPA) on Renal Function in the Patients with Chronic Thromboembolic Pulmonary Hypertension**  
山方 勇樹 (長崎大学 循環器内科)
- PJ116-5 Effect of Additional Balloon Pulmonary Angioplasty for Residual Pulmonary Hypertension after Surgical or Interventional Treatment for Chronic Thromboembolic Pulmonary Hypertension**  
兼澤 弥咲 (岡山医療センター 循環器科)
- PJ116-6 Genetic Deletion of Fatty Acid Synthase in Vascular Smooth Muscle Cell Ameliorates Monocrotaline-induced PAH in Mice**  
古川 聡子 (群馬大学 保健学研究科 生体情報検査科学講座)
- PJ116-7 Exercise Pulmonary Hypertension is Related with Right Ventricular Dysfunction and Exercise Intolerance in CTEPH Patients with Normalized Resting Hemodynamics**  
合田 あゆみ (杏林大学 循環器内科)

## ポスターセッション（日本語）117 (HF/CM)

3月31日(日) 14:50-15:40

展示ホール

### Cardiomyopathy/Hypertrophy Clinical 1

座長:

大木元 明義 (市立宇和島病院 循環器内科)

加藤 貴雄 (京都大学 循環器内科)

**PJ117-1 Efficacy of Screening by 99mTc-labeled Pyrophosphate Scintigraphy for Cardiac Transthyretin Amyloidosis in Elderly Heart Failure Patients**

滝 美波 (信州上田医療センター 循環器内科)

**PJ117-2 The Change of Longitudinal Strain in Speckle-tracking Echocardiography in Patients after Domino Liver Transplantation**

宇宿 弘輝 (熊本大学 中央検査部)

**PJ117-3 Clinical Characteristics and Natural History of Wild Type Transthyretin Cardiac Amyloidosis in Our Hospital**

山田 敏寛 (熊本大学 循環器内科/国立病院機構熊本医療センター 心臓血管センター 循環器内科)

**PJ117-4 The Characteristics of Myocardial Strain in Patients with Cardiac Amyloidosis**

石黒 まや (榊原記念病院 循環器内科)

**PJ117-5 Outcome of the Medical Treatments with Angiotensin-converting Enzyme Inhibitors and Beta Blockers for Cardiomyopathy in Duchenne Muscular Dystrophy**

石黒 まや (榊原記念病院 循環器内科)

**PJ117-6 Difference of Characteristic Clinical Features between Males and Females in 18 Cases of Fabry Disease**

馬渡 一寿 (久留米大学 内科 心臓・血管内科)

**PJ117-7 The Prevalence and the Relation to the Cardiac Manifestation of Urinary Mulberry Bodies in Fabry Disease during Enzyme Replacement Therapy**

本郷 賢一 (東京慈恵会医科大学 循環器内科)

March  
31  
PM

## ポスターセッション（日本語）118 (HF/CM)

3月31日(日) 14:50-15:40

展示ホール

### Cardiomyopathy/Hypertrophy Clinical 2

座長:

河野 浩章 (長崎大学 循環器内科学)

坂本 央 (旭川医科大学 循環・呼吸・神経病態内科)

**PJ118-1 Associations of Soluble Neprilysin with Cardiac Function and Outcome in Patients with Hypertrophic Cardiomyopathy**

横川 哲朗 (福島県立医科大学 循環器内科)

**PJ118-2 B-type Natriuretic Peptide and Outcome in Patients with Apical Hypertrophic Cardiomyopathy**

城谷 翔太 (東京女子医科大学 循環器内科)

**PJ118-3 T1/2 as a Predictor of Cardiac Events in Cardiomyopathy with Systolic and/or Diastolic Dysfunction**

横井 剛 (名古屋大学 循環器内科学)

**PJ118-4 Criteria for Increased Left Ventricular Thickness to Screen Childhood Hypertrophic Cardiomyopathy (HCM) at a School-based Cardiovascular Screening Program**

吉永 正夫 (国立病院機構鹿児島医療センター 小児科)

**PJ118-5 The Association between Morphology and Myocardial Damage in Apical Hypertrophic Cardiomyopathy Assessed by Cardiac Magnetic Resonance**

伊藤 順子 (心臓画像クリニック飯田橋 循環器科)

**PJ118-6 Clinicopathological and Genetic Features of Pathologically Proven Hypertrophic Cardiomyopathy**

畑 由紀子 (富山大学 法医学)

**PJ118-7 Cardiac MRI-derived TAPSE is One of Prognostic Markers in Patients with Hypertrophic Cardiomyopathy**

中村 貴 (近畿大学 循環器内科学)

## ポスターセッション（日本語）119 (HF/CM)

3月31日(日) 14:50-15:40

展示ホール

### Cardiomyopathy/Hypertrophy Clinical 3

座長:

藤野 陽 (金沢大学 保健学系)

高見澤 格 (榊原記念病院 循環器内科)

**PJ119-1 Novel Score to Predict Resolution of Complete or Advanced Atrioventricular Block after Steroid Therapy in Patients with Cardiac Sarcoidosis**

鍋田 健 (北里大学 循環器内科学)

**PJ119-2 Lower Left Ventricular Ejection Fraction can Independently Predict the Refractoriness to Immunosuppressive Treatment in Patients with Cardiac Sarcoidosis**

大谷 規彰 (九州大学 循環器内科学)

**PJ119-3 18F-fluoro-2-deoxy-D-glucose Positron Emission Tomography Uptake in the Right Superior Paratracheal Lymph Node Predicts a Complete Atrioventricular Block in Cardiac Sarcoidosis**

松永 圭司 (香川大学 循環器・腎臓・脳卒中内科)

**PJ119-4 Imaging Characteristic on <sup>18</sup>F-FDG-PET/CT and Clinical Feature in Cardiac Sarcoidosis Patients Complicated by Ventricular Aneurysm**

南野 巧真 (山口大学 器官病態内科学)

**PJ119-5 Impact of Corticosteroid Therapy on Reverse Remodeling in Patients with Cardiac Sarcoidosis**

佐藤 希美 (筑波大学 循環器内科)

**PJ119-6 Ongoing Inflammation: A Significant Predictor of One-year Mortality in Patients with Takotsubo Syndrome?**

小林 祐輔 (広島市立安佐市民病院 循環器内科)

**PJ119-7 Cardiac Involvement of Patients with Eosinophilic Granulomatosis with Polyangiitis and the Role of B-type Natriuretic Peptide**

中山 未奈 (国立病院機構相模原病院 循環器内科)

## ポスターセッション（日本語）120 (HF/CM)

3月31日(日) 14:50-15:40

展示ホール

### Transplantation/LVAD/Infection

座長:

布田 伸一 (東京女子医科大学 重症心不全制御学分野)

藤野 剛雄 (シカゴ大学 循環器内科)

**PJ120-1 Impact of Possible Community-acquired Methicillin-resistant Staphylococcus Aureus in Patients with Cardiovascular Implantable Electronic Device Infection**

福永 真人 (小倉記念病院 循環器内科)

**PJ120-2 Prediction of Acute Phase Complications in Patients with Infectious Endocarditis**

齋藤 史哉 (獨協医科大学 心臓・血管内科)

**PJ120-3 Optimization of Histocompatibility Tests for the Heart Transplantation in Japan**

服部 英敏 (東京女子医科大学 循環器内科学)

**PJ120-4 FDG-PET Evaluation of Early Cardiac and Lymph Node Response to Prednisolone in Patients with Cardiac Sarcoidosis**

柏村 健 (新潟大学 先進心肺血管治療学)

**PJ120-5 Prediction of Aortic Regurgitation after Continuous-flow Left Ventricular Assist Device Implantation Using Artificial Intelligence Trained on Acoustic Spectra**

三隅 祐輔 (大阪大学 心臓血管外科)

**PJ120-6 Jarvik 2000 Left Ventricular Assist Device can Support Left Ventricular Adequately Regardless of Body Size or Preoperative Cardiac Function**

岩花 東吾 (千葉大学 循環器内科学)

**PJ120-7 Clinical Characteristics for Identifying Candidates for Considering Heart Transplantation**

宮脇 大 (大阪大学 循環器内科学)

March  
31  
PM

## ポスターセッション（日本語）121 (VD/RF)

3月31日(日) 14:50-15:40

展示ホール

### Vascular Biology (Therapy) 1

座長:

当麻 正直 (兵庫県立尼崎総合医療センター 循環器内科)

丸山 秀和 (霞ヶ浦医療センター 循環器内科)

#### PJ121-1 Assessment of Complexity about Intraluminal Approach for Occlusive Femoropopliteal Lesions

本多 洋介 (済生会横浜市東部病院 循環器内科)

#### PJ121-2 Clinical Impact of Activities of Daily Living at Discharge in Rutherford 5 Critical Limb Ischemia Patients after Endovascular Therapy

阪本 泰成 (済生会横浜市東部病院 循環器内科)

#### PJ121-3 Clinical Results of PTA for 258 Central Venous Lesions with Chronic Hemodialysis Patients

堀田 祐紀 (心臓血管センター金沢循環器病院 循環器内科学)

#### PJ121-4 Intravascular Ultrasound Documents Various Dissection Patterns in Femoro-popliteal Lesions Receiving Drug-coated Balloons with Angiographically Non-severe Dissection

岩田 曜 (船橋市立医療センター 循環器内科)

#### PJ121-5 One-year Outcomes after Viabahn Stent Grafts for Patients with Peripheral Artery Diseases Presenting Femoropopliteal Artery Lesions

辻村 卓也 (関西労災病院 循環器内科)

#### PJ121-6 Lipoprotein(a) is a Useful Biomarker for the Prediction of Prognosis after Endovascular Therapy for Superficial Femoral Artery

三須 彬生 (横須賀共済病院循環器センター 内科)

#### PJ121-7 2-years Clinical Outcomes Comparing the Drug Eluting Stent and the Second-Generation Bare Nitinol Stent for de Novo Femoropopliteal Lesions

緒方 健二 (宮崎市医師会病院心臓病センター 循環器科)

March  
31  
PM

## ポスターセッション（日本語）122 (VD/RF)

3月31日(日) 14:50-15:40

展示ホール

### Vascular Biology (Therapy) 2

座長:

上杉 道伯 (うえずぎクリニック)

木下 慎 (神戸市立医療センター中央市民病院 循環器内科)

#### PJ122-1 Impact of Full-cover Stenting in Femoropopliteal Lesions on Time to Wound Healing in Patients with Critical Limb Ischemia

島田 健晋 (倉敷中央病院 循環器内科)

#### PJ122-2 Consideration of VIABAHN Stent Graft Thrombosis from the Viewpoint of Angiography, IVUS and Pathology

栗本 真吾 (徳島赤十字病院 循環器内科)

#### PJ122-3 Efficacy and Safety of Transcatheter Treatment for Frozen Shoulder Resistant to Conservative Treatment

岩破 俊博 (丸太町病院 心臓内科)

#### PJ122-4 Prognostic Impact of Nutritional Indexes on Outcomes in Patients with Critical Limb Ischemia after Endovascular Treatment

布施 大望 (河北総合病院 循環器内科)

#### PJ122-5 Malnutrition and Non-use Clopidogrel Additively Aggravate Prognosis of Critical Limb Ischemia Patients who Underwent Revascularization

神田 大輔 (鹿児島大学 心臓血管・高血圧内科学)

#### PJ122-6 Long-term Prognostic Value of Preoperative Anemia Depends on the Severity of Renal Function in Patients with Peripheral Artery Disease

溝渕 景子 (東京女子医科大学 循環器内科学)

#### PJ122-7 Outcomes of Endovascular Treatment for Patients with Scleroderma

山上 将央 (森之宮病院 循環器内科)

## ポスターセッション（日本語）123 (VD/RF)

3月31日(日) 14:50-15:40

展示ホール

### Vascular Biology

座長:

得能 智武 (九州大学別府病院 内科)

上田 和孝 (東京大学 循環器内科)

- PJ123-1 Endothelial Adrenomedullin-RAMP2 System Regulates Vascular Integrity and Suppresses Tumor Metastasis**  
田中 愛 (信州大学 循環病態学教室)
- PJ123-2 Cyanoacrylate Embolization for Great Saphenous Vein Reflux in Real World: The First Mid-term Result in Japan**  
榊原 直樹 (江戸川病院 心臓血管外科)
- PJ123-3 Incidence, Predictors, and Prognostic Implications of Hospitalization for Late Major Bleeding after Endovascular Therapy**  
菱刈 景一 (横須賀共済病院循環器センター 内科)
- PJ123-4 Outcomes and Risk Factor of Medically Treated Acute Stanford Type A Aortic Dissection with Non-communicating False Lumen**  
三竹 啓嗣 (静岡市立静岡病院 循環器内科)
- PJ123-5 Factors Associated with 30-day Mortality after Endovascular Therapy in the Patients with Critical Limb Ischemia**  
浮田 康平 (大阪労災病院 循環器内科)
- PJ123-6 Androgen, but not Estrogen, Contributes to Sex Difference in Aortic Aneurysm Formation in Marfan Syndrome**  
柳 青 (東京大学 循環器内科)
- PJ123-7 Ultrastructural Alteration of Endothelial Glycocalyx in Chronic Kidney Disease-associated Heart Failure**  
岡田 英志 (岐阜大学高次救命治療センター)

## ポスターセッション（日本語）124 (SHD)

3月31日(日) 14:50-15:40

展示ホール

### Valvular Heart Disease

座長:

舟田 晃 (金沢大学 救急部)

池永 寛樹 (広島大学 循環器内科)

- PJ124-1 Various Aortic Valve Disease and Mitral Regurgitation also Affect Time Phase Changes of Aortic Valve Annulus Morphology within Cardiac Cycle**  
小松 博史 (NTT東日本札幌病院 循環器内科)
- PJ124-2 Prognostic Value of Changes in Global Longitudinal Strain after TAVI in Patients with Preserved Left Ventricular Ejection Fraction**  
坂口 英林 (藤田医科大学 循環器内科学)
- PJ124-3 Home Discharge after Transcatheter Aortic Valve Implantation**  
武藤 雄紀 (榊原記念病院 循環器内科)
- PJ124-4 Mid-term Mortality in Patients after Undergoing Transcatheter Aortic Valve Replacement (TAVR) Stratified by Preoperative Risk Score: Multicenter TAVR Registry**  
齋藤 悠司 (山形大学 循環・呼吸・腎臓内科学)
- PJ124-5 Heart-type Fatty Acid-binding Protein Predicts Improvement of Left Ventricular Function after Transcatheter Aortic Valve Implantation in Aortic Valve Stenosis Patients**  
橋本 直土 (山形大学 内科学第一講座)
- PJ124-6 Risk Factors for Recurrent Mitral Regurgitation after Mitral Valve Repair for Atrial Functional MR**  
辛島 千尋 (別府医療センター)
- PJ124-7 Presence of Left Ventricular Diastolic Dysfunction Disturbs Acute Cardiac Unloading after Transcatheter Aortic Valve Implantation**  
土屋 隼人 (山形大学 循環・呼吸・腎臓内科学)

## ポスターセッション（日本語）125 (IMG)

3月31日(日) 14:50-15:40

展示ホール

### CT MRI New Technology

座長:

船橋 伸禎 (千葉大学 循環器内科学)

阿部 弘太郎 (九州大学 循環器内科)

#### PJ125-1 Utilizing Fractional Flow Reserve Derived from CT Angiography to Optimize Evaluation in Stable CAD and the Relationship to Midterm Outcome

小此木 太一 (新古賀病院心臓血管センター)

#### PJ125-2 Association of Atrial Fibrillation and MRI-derived Coronary Flow Reserve in Patients with Heart Failure

杉本 洋一郎 (イムス三芳総合病院 循環器内科)

#### PJ125-3 An Automatic Quantitative Method for Measuring Epicardial Adipose Tissue in Coronary Computed Tomography Angiography Using Deep Convolutional Neural Networks

手塚 祐司 (草津総合病院 糖尿病内分泌内科)

#### PJ125-4 A Novel Clinical Method for Quantification of Stroke Work by Left Ventricular Pressure-volume Loop Area Constructed by 3-dimensional Echocardiography

吉真 孝 (岐阜県総合医療センター 循環器内科)

#### PJ125-5 Sub-mSv Coronary Computed Tomography Angiography Using Dual Source Computed Tomography

小松 誠 (大阪堺明館病院心臓血管病センター)

#### PJ125-6 Difference in Functional Focal and Diffuse Coronary Artery Disease of Fractional Flow Reserve from Coronary Computed Tomography Angiography

石川 有 (岩手医科大学 循環器内科)

#### PJ125-7 Evaluation Method of Pulmonary Perfusion by Sequential Radiography: Preliminary Study in Monkey

宮武 秀光 (滋賀医科大学 集中治療)

March  
31  
PM

## ポスターセッション（日本語）126 (O)

3月31日(日) 14:50-15:40

展示ホール

### Basic Research 2

座長:

安武 正弘 (日本医科大学 総合医療・健康科学分野)

長谷川 洋 (ANA成田グループ健康管理室)

#### PJ126-1 Glucagon-like Peptide 1 Analogue Regulates Mitochondrial Fusion Proteins via Akt Phosphorylation and Attenuates Hypoxia-reoxygenation Injury in Cultured Myocytes

小原 幸 (京都薬科大学 臨床薬理学)

#### PJ126-2 Antidiabetic Agent Metformin Suppressed Cardiomyocyte Hypertrophy and p300 HAT Activity

清水 圭貴 (静岡県立大学薬学研究院 分子病態学講座)

#### PJ126-3 Role of Cardiac Steroidogenic Acute Regulatory Protein in Pulmonary Arterial Hypertension: A Novel Treatment with Mineralocorticoid Receptor Antagonists and Anticoagulant

山本 ゆい (大阪薬科大学 循環病態治療学研究室)

#### PJ126-4 A Novel Senolytic Drug for Aging and Age-related Cardiometabolic Disorders

勝海 悟郎 (新潟大学 循環器内科)

#### PJ126-5 Angiotensin Receptor Nephrylsin Inhibitor Attenuates Abdominal Aortic Aneurysm in Angiotensin II Infused Mice

田代 浩平 (福岡大学 心臓血管内科学)

#### PJ126-6 Direct Injection of Vascular Cell Adhesion Molecule-1-positive Cardiac Fibroblasts Improves Cardiac Dysfunction after Myocardial Infarction

村越 伸行 (筑波大学 循環器内科)

ポスターセッション（日本語）127 (O)

3月31日(日) 14:50-15:40

展示ホール

Pharmacotherapy/Cost-health Care System

座長:

八島 正明 (日本医科大学 内科学 (循環器内科学))

岩田 幸代 (兵庫県立加古川医療センター 循環器内科)

PJ127-1 Serious Major Complications of Spasm Provocation Testing in 2500 Patients

末田 章三 (愛媛県立新居浜病院 循環器内科)

PJ127-2 Safety of Uninterrupted Periprocedural Low Dose Dabigatran in Patients Undergoing Radiofrequency Catheter Ablation of Atrial Fibrillation

大坂 友希 (青梅市立総合病院 循環器内科)

PJ127-3 Platelet Inhibition with Ticagrelor 60 mg Twice Daily versus Prasugrel 3.75mg Once Daily in Japanese Patients

立石 和也 (千葉大学 循環器内科)

PJ127-4 The Relationship between Proton Pump Inhibitor and Platelet Aggregation in Patients with Prasugrel

諸國 元太郎 (岡山市立市民病院 循環器内科)

PJ127-5 Dose Maximal Acetylcholine Dose into the Left Coronary Artery Affect the Positive Provoked Spasm in the Left Circumflex Artery?

末田 章三 (愛媛県立新居浜病院 循環器内科)

PJ127-6 The Association between Increased Blood Pressure and Excessive Medical Expenses in Middle-aged Male Workers

西城 由之 (日本医科大学 循環器内科)

March  
31  
PM



## 日本循環器学会 委員会セッション（医療安全部会）

---

3月31日(日) 13:00-14:00

国立大ホール 2階

医療安全に関する講演会

座長:

三浦 哲嗣 (札幌医科大学 循環器・腎臓・代謝内分泌内科学講座)

「医療事故調査制度」と医療安全

木村 壮介 (日本医療安全調査機構)

## 日本循環器学会 委員会セッション（倫理委員会）

---

3月31日(日) 14:00-15:00

国立大ホール 2階

倫理に関する講演会

座長:

瀧原 圭子 (大阪大学キャンパスライフ健康支援センター)

研究倫理における被験者保護とサイエンス ジェンナーから臨床研究法まで

植田 真一郎 (琉球大学 臨床薬理学講座)

## 日本循環器学会 委員会セッション（学術委員会）

---

3月31日(日) 13:30-15:00

会議センター 3階「315」

2017年度 メディカルスタッフ（医師を除く医療専門職）研究助成報告会

座長:

大手 信之 (名古屋市立大学 心臓・腎高血圧内科学)

1. 磁気共鳴画像を用いた心筋虚血再灌流傷害の非侵襲的診断法の確立  
河窪 正照 (九州大学 医用量子線科学分野)
2. 心不全で入院したフレイルな高齢者の機能予後並びに生命予後を改善するための循環器予防研究  
田中 伸弥 (名古屋大学 リハビリテーション部)
3. 心不全における骨格筋繊維化の臨床的意義と機序の解明  
角谷 尚哉 (北海道大学 循環病態内科学)

March  
31  
PM

## チーム医療セッション シンポジウム 4 (O)

3月31日(日) 13:30-15:00

会議センター 3階 [304]

【日本心血管管理学会法学会-日本循環器学会 ジョイントシンポジウム】  
重複障害を有する超高齢心疾患患者に対するリハビリテーションの工夫  
～難渋重症例をどのように対応するか?～

座長:

渡辺 敏 (聖マリアンナ医科大学)

高橋 哲也 (順天堂大学保健医療学部開設準備室/順天堂大学 リハビリテーション室)

1. 後期高齢心不全患者に対する急性期離床プログラムの開発と運用  
角谷 尚哉 (北海道大学 循環病態内科学)
2. 重複障害を有する大血管疾患症例における多職種連携とリハビリテーションの工夫  
宮澤 僚 (昭和大学藤が丘リハビリテーション病院 リハビリテーションセンター)
3. 低侵襲治療を補完する在宅心臓リハビリテーションの可能性  
緒方 光 (訪問看護ステーションレシーブ)
4. 心不全患者の低栄養状態を嚥下障害から考える  
横田 純一 (東北大学 内部障害学分野)
5. 低栄養状態にある後期高齢心不全患者に対する理学療法士の工夫  
片野 峻敏 (札幌医科大学 リハビリテーション部)

## チーム医療セッション シンポジウム 5 (IMG)

3月31日(日) 15:10-16:40

会議センター 3階 [304]

【日本放射線技術学会-日本循環器学会 ジョイントシンポジウム】  
インターベンション治療における新しい画像支援技術

座長:

小林 欣夫 (千葉大学 循環器内科学)

坂本 肇 (山梨大学 放射線部)

1. 医師が放射線技師に求める画像支援: PCI、SHD intervention  
長沼 亨 (新東京病院 心臓内科)
2. 医師が放射線技師に求める画像支援—カテーテルアブレーション—  
近藤 祐介 (千葉大学 不整脈先端治療学)
3. 心臓 MRI 検査における新たな高速撮像技術  
吉田 学誉 (東京警察病院 放射線科)
4. インターベンション領域における心臓超音波検査の実際と役割  
堀 貴好 (大垣市民病院 診療検査科)
5. CT での循環器領域における 3D 画像支援  
坂倉 徳哉 (名古屋ハートセンター 放射線部)

## チーム医療セッション 一般演題 (ポスター) 28 (O)

3月31日(日) 14:50-15:40

展示ホール

薬剤 2

座長:

志賀 剛 (東京女子医科大学 循環器内科)

- CP28-1** 薬剤師による入院・外来患者を含めたジゴキシン、ピルシカイニドの薬物血中濃度測定結果管理プログラムの成果と今後の展望  
高橋 豊 (カレスサッポロ 北光記念病院)
- CP28-2** 服薬アドヒアランスに影響を及ぼす外来患者の意識調査並びに阻害要因の検索  
大津 友紀 (福岡大学 実務薬剤学)
- CP28-3** エポロクマブ在宅自己注射導入チームの構築と患者追跡調査によるアドヒアランス要因の解析  
安 泰成 (横須賀共済病院 薬剤科)
- CP28-4** 当院外来の心不全患者に対するトルバプタン長期投与の使用実態調査  
川崎 洸 (青梅市立総合病院 薬剤部)
- CP28-5** 末期心不全患者における呼吸困難緩和に対するモルヒネ製剤の使用実態調査  
國東 佑美 (兵庫県立尼崎総合医療センター)

**CP28-6 慢性心不全患者への睡眠導入薬が睡眠の質に及ぼす影響**

藤山 美里 (鳥取大学 耳鼻咽喉科)

**CP28-7 糖尿病内科と循環器内科の比較による SGLT2 阻害薬の治療実態調査**

大橋 泰裕 (草津総合病院 薬剤部)

**チーム医療セッション 一般演題 (ポスター) 29 (A)**

3月31日(日) 14:50-15:40

展示ホール

アブレーション

座長:

安喰 恒輔 (JR東京病院 循環器内科)

**CP29-1 肺静脈隔離における FTI と LSI の有用性についての比較**

安田 奈央 (名古屋掖済会病院 臨床工学部)

**CP29-2 クライオアブレーションにおいて圧力波形解析を用いた肺静脈閉塞の評価**

阿部 祥子 (東京山手メディカルセンター 臨床工学部)

**CP29-3 3 タイプのバルーンアブレーションによる肺静脈隔離面積の比較**

高岡 循子 (神戸医療センター 中央市民病院 臨床工学技術部)

**CP29-4 Ablation Index ガイドアブレーションの肺静脈隔離術への効果検討**

中農 陽介 (神戸市立医療センター 中央市民病院 臨床工学技術部)

**CP29-5 当院における閉塞性睡眠時無呼吸症候群を合併した心房細動アブレーション患者の CPAP 導入状況**

金子 紗江佳 (桜橋渡辺病院 検査科)

**CP29-6 発作性心房細動アブレーション患者における閉塞性睡眠時無呼吸症候群の簡易スクリーニング検査の結果**

濱田 紗希 (桜橋渡辺病院 検査科)

**CP29-7 心房細動アブレーション患者における簡易検査機器と終夜睡眠ポリグラフとの無呼吸低呼吸指数の比較**

諸石 武史 (桜橋渡辺病院 検査科)

**チーム医療セッション 一般演題 (ポスター) 30 (O)**

3月31日(日) 14:50-15:40

展示ホール

栄養

座長:

福尾 恵介 (武庫川女子大学栄養科学研究所)

**CP30-1 食事調査における栄養評価の質的向上に関する検討—食事画像使用時の再現性**

森山 大介 (中部ろうさい病院 栄養管理)

**CP30-2 経カテーテル大動脈弁留置術 (TAVI) 前後の栄養状態と QOL の関連性**

大塚 俊明 (宮崎市医師会病院)

**CP30-3 TAVI (TA) 患者における摂取たんぱく質量による栄養状態とリハビリテーションの関連**

太田 由莉恵 (近森病院)

**CP30-4 心疾患患者に対する行動変容ステージに応じた栄養指導の長期的効果と血圧への影響要因についての検討**

松崎 景子 (福岡大学西新病院 栄養管理科)

**CP30-5 食事量の変化からみた心不全患者の入院経過について—管理栄養士のかかわり方について考える—**

本條 茉莉 (淀川キリスト教病院 栄養管理課)

**CP30-6 CRT 植込み入院患者の栄養指標と食事摂取量の関連**

浦出 華 (京都府立医科大学 医療技術部 栄養課)

**CP30-7 心腎連関 末期腎不全患者における透析前後の血清ビタミンとビタミン補給飲料の有用性**

中川 明彦 (金沢医科大学)

March  
31  
PM

## チーム医療セッション 一般演題 (ポスター) 31

3月31日(日) 14:50-15:40

展示ホール

症例報告

座長:

神吉 秀明 (さいたま市立病院 循環器科)

- CP31-1** 両心房の側壁に副伝導路が認められた症例に対し、左右異なるマッピング法を実施した1例  
杉本 寛之 (東北大学病院 診療技術部 臨床工学部門)
- CP31-2** **Differential Pacing** での治療確認が困難であった通常型心房粗動に対し **Rhythmia** による高密度 **Mapping** が奏功した一例  
木下 黎 (東北大学 診療技術部 臨床工学部門)
- CP31-3** 洞不全症候群で発症し、成人期~老年期まで心不全症状を呈さない左室緻密化障害の親子例  
齋藤 寛美 (わたり病院 臨床検査科)
- CP31-4** 僧帽弁狭窄症を契機に発見された診断に苦慮した三心房心の一例  
今村 華奈子 (熊本大学 中央検査部)
- CP31-5** 経時的な観察が可能であった特発性肺動脈拡張症の一例  
崎田 充 (熊本大学 中央検査部)
- CP31-6** 術前の神経筋電気刺激療法を併用した理学療法が有効であった植込型補助人工心臓装着術症例  
服部 慶子 (名古屋大学 リハビリテーション部)
- CP31-7** 運動器疼痛を有する肥満高血圧患者への減量入院で運動療法が有効であった症例  
佐藤 友則 (東北労災病院治療就労両立支援センター)

## チーム医療セッション 一般演題 (ポスター) 32

3月31日(日) 14:50-15:40

展示ホール

その他

座長:

菅野 康夫 (けいゆう病院 循環器内科)

- CP32-1** 人工心肺中の酸素供給量が心臓血管外科術後急性腎不全に与える影響の検討  
長嶋 耕平 (東京ベイ・浦安市川医療センター 臨床工学室)
- CP32-2** 心拍出量測定に用いる酸素消費量の新たな推定式の提案  
宮本 聡史 (広島大学 診療支援部 臨床工学部門)
- CP32-3** **3D** ロードマップを使用したクライオアブレーションの工夫  
大野 敦 (東京医科大学八王子医療センター)
- CP32-4** **SAPIENS** の拡張後の高さとおバルーン拡張圧および大動脈弁輪面積の関係  
高橋 智子 (小倉記念病院)
- CP32-5** 高感度トロポニンI陽性患者における胸部症状の重要性の検討  
木下 朋幸 (横浜市立みなと赤十字病院 臨床検査部)
- CP32-6** 右鎖骨下動脈送血による補助循環下において **TAVI** を行った1症例  
岩田 湧斗 (聖マリアンナ医科大学 クリニカルエンジニア部)
- CP32-7** ラット下大静脈絞扼術による下半身うっ血負荷が心肺に与える影響および **hemodynamic preconditioning** の効果検証—フォンタン循環への応用に向けて—  
逢坂 大樹 (岡山大学 心臓血管外科)

March  
31  
PM