

会長特別講演 1

3月23日(金) 13:20-14:05

第1会場 (大阪国際会議場 5階 大ホール)

座長:

澤 芳樹 (大阪大学 心臓血管外科学)

病院は ネタの宝庫

桂 文枝 (落語家)

The State of Art by International Honorary Member in 2018

国際名誉会員就任講演

March 23 (Fri) 14:05-14:50

Room 1 (Osaka International Convention Center, 5F, Main Hall)

Chairperson:

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

The History of Cardiac Catheterization

William Grossman (Cardiology Division, University of California San Francisco, USA)

Invited Lecture 1 招待講演 1

March 23 (Fri) 15:00-15:45

Room 2 (Osaka International Convention Center, 5F, Sub Hall)

Chairperson:

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

Efficacy of a Wearable Cardioverter-Defibrillator after Myocardial Infarction: Results of the Vest Prevention of Early Sudden Death Trial (VEST)

Jeffrey Olgin (Division of Cardiology, University of California San Francisco, USA)

Invited Lecture 2 招待講演 2

March 23 (Fri) 15:00-15:45

Room 14 (RIHGA Royal Hotel Osaka, Tower Wing, 2F, Katsura)

Chairperson:

Junya Ako (Department of Cardiovascular Medicine, Kitasato University, Sagami-hara)

Beyond Statins: Where to in 2018?

Anthony Keech (NHMRC Clinical Trial Centre and Royal Prince Alfred Hospital, the University of Sydney, Australia)

Invited Lecture 3 招待講演 3

March 23 (Fri) 15:00-15:45

Room 16 (RIHGA Royal Hotel Osaka, West Wing, 2F, Peridot)

Chairperson:

Hideo Mitamura (Department of Cardiology, Tachikawa Hospital, Tokyo)

Anticoagulation for Stroke Prevention in Atrial Fibrillation: Current Status and Future Perspectives

John Eikelboom (Department of Medicine, McMaster University, Jack Hirsh/Population Health Research Institute Chair in Thrombosis and Atherosclerosis, Canada)

Plenary Session 1 (HF)

March 23 (Fri) 16 : 00 – 17 : 30

Room 1 (Osaka International Convention Center, 5F, Main Hall)

“Futurability” of Therapeutic Strategy of Heart Failure

Chairpersons :

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

Mark Slaughte (Department of Cardiovascular and Thoracic Surgery, University of Louisville School of Medicine, USA)

State-of-the-Art :

Future Role of MCS in the Treatment of Advanced Heart Failure

Mark Slaughte (Department of Cardiovascular and Thoracic Surgery University of Louisville, USA)

1. Spatiotemporal and Integrative Analysis of the Transcriptome and Metabolome Response to Systemic Energetic Starvation with Cardiac Dysfunction

Yusuke Morita (Department of Cardiology, Kyoto University School of Medicine, Kyoto)

2. Therapeutic Genome Editing Targeting an Upstream Genetic Basis of Advanced Heart Failure

Shuichiro Higo (Department of Cardiovascular Medicine, Osaka University, Suita)

3. *Glymphatic System* with Astrocytic Aquaporin 4 is Future Therapeutic Target of Heart Failure via Restoration of Disrupted Brain-mediated Organ Association

Takuya Kishi (Department of Advanced Risk Stratification for Cardiovascular Diseases, Center for Disruptive Cardiovascular Medicine, Kyushu University, Fukuoka)

4. Direct Cardiac Reprogramming, Regeneration, and Heart Failure

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

Plenary Session 2 (A)

March 23 (Fri) 16 : 00 – 17 : 30

Room 12 (RIHGA Royal Hotel Osaka, Tower Wing, 3F, Kourin 3)

Recent Progress in Catheter Ablation for Ventricular Tachyarrhythmias

Chairpersons :

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

Joshua D. Moss (University of California San Francisco, USA)

State-of-the-Art :

Ablation for Ventricular Tachyarrhythmias: State of the Art 2018

Joshua D. Moss (University of California San Francisco, USA)

1. The Value of Pace-mapping during Sinus Rhythm to Localize the Critical Isthmus of Post-Infarct Ventricular Tachycardia

Christian de Chillou (Department of Cardiology, University Hospital Nancy, France)

2. Double Annotation Corridor Mapping for Scar-related Ventricular Tachycardia: Importance of Voltage Conducting Corridors

Ahmed Talib (Division of Cardiovascular Medicine, University of Tsukuba, Tsukuba)

3. Clinical and Experimental Investigation Regarding Antiarrhythmic Effects of the Ethanol Infusion into Cardiac Vessels in Terms of Treating Ventricular Arrhythmias.

Kaoru Okishige (Heart Center, Japan Red Cross Yokohama City Bay Hospital, Yokohama)

4. Safety and Efficacy of Cryoablation in Patients with Ventricular Arrhythmias Unamenable to Radiofrequency Ablation

Koji Miyamoto (Department of Cardiovascular Medicine, Mayo Clinic, USA)

5. Multicenter Experience with Catheter Ablation for Ventricular Fibrillation Storm in Patients with Myocardial Infarction: Short- and Long-Term Follow-up Outcomes

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

6. Catheter Ablation for Brugada Syndrome

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

シンポジウム 5 (A)

3月23日(金) 13:20-14:50

第12会場(リーガロイヤルホテル大阪 タワーウイング 3階 光琳3)

心臓突然死の病態解明と予知・予防

座長:

清水 渉 (日本医科大学 循環器内科学分野)

堀江 稔 (滋賀医科大学 呼吸循環器内科)

- Early Repolarization is Involved in Ventricular Fibrillation in Patients with Variant Angina**
篠原 徹二 (大分大学 循環器内科・臨床検査診断学講座)
- The Significance of Spasm Provocation Test in Patients with Early Repolarization Syndrome**
鎌倉 令 (国立循環器病研究センター 心臓血管内科部門不整脈科)
- Early Repolarization Syndrome Caused by a De Novo *KCNQ3* Gain-of-Function Mutation**
高山 幸一郎 (滋賀医科大学 呼吸循環器内科)
- Prognostic Significance of Cardiac Magnetic Resonance in Risk Stratification for Sudden Cardiac Death in Patients with Hypertrophic Cardiomyopathy.**
邊 泰樹 (榊原記念クリニック 循環器内科)
- Predictors of Arrhythmic Events in High-risk Hypertrophic Cardiomyopathy Patients with Prophylactic Implantable Cardioverter Defibrillator**
鈴木 敦 (東京女子医科大学 循環器内科学)
- Mid-term Outcomes after Use of Wearable Cardioverter-defibrillator (WCD) in Patients at High Risk of Ventricular Arrhythmias**
石田 祐司 (弘前大学 循環器内科)
- Risk Stratification Techniques for Prediction of Cardiac Mortality in Patients with Left Ventricular Dysfunction: First Report of the JANIES Study**
木下 利雄 (東邦大学 循環器内科)
- Induced Pluripotent Stem Cell-based Modeling of Inherited Arrhythmias**
牧山 武 (京都大学 循環器内科学)

シンポジウム 6 (O)

3月23日(金) 13:20-14:50

第16会場(リーガロイヤルホテル大阪 ウェストウイング 2階 ペリドット)

循環器集中治療の現状の課題と展望、循環器医への教育をどうする?

座長:

高山 守正 (榊原記念病院 循環器内科)

遠藤 智之 (東北医科大学 救急科)

- The Need for Critical Care Expertise in the Modern CCU Era**
川上 将司 (国立循環器病研究センター 心臓血管内科)
- Impact of a Multidisciplinary Team Approach Including an Intensivist on the Outcomes of Cardiac Critically Ill Patients**
嘉嶋 勇一郎 (信州大学 高度救命救急センター)
- The Proposal for Improving STEMI Management Based on a Comparison between Japan and the United States**
宮地 秀樹 (日本医科大学 循環器内科)
- Post-Cardiac Arrest Care and the Training Has been Progressing**
菊地 研 (獨協医科大学 心臓・血管内科)
- Quality Indicators of Palliative Care for Acute Heart Disease Patients.**
水野 篤 (聖路加国際病院 循環器内科)

Special Session 2 会長特別企画 2 (P)

3月23日(金) 13:20-14:50

第2会場(大阪国際会議場 5階 小ホール)

Lifelong Cardiology in the Young の Futurability : 発生、発達から見た心筋疾患の生涯循環器学
(一般社団法人日本循環器学会・特定非営利活動法人日本小児循環器学会共催)

座長:

安河内 聡(長野県立こども病院 循環器小児科)

赤阪 隆史(和歌山県立医科大学 循環器内科)

Opening Remarks :

Lifelong Cardiology in the Young: Challenge of Pediatric Cardiology for Life-long Heart Disease

安河内 聡(長野県立こども病院 循環器センター)

- 1. iPS Cell Technology for Lifelong Cardiology in Developmental Defects of Myocardium**
古道 一樹(慶應義塾大学 医学部 小児科学教室)
- 2. Clinical Feature of Left Ventricular Noncompaction; From the Aspect of Long Term Follow-up**
廣野 恵一(富山大学 小児科)
- 3. Management of Pediatric Cardiomyopathy for Transition Medicine in the Post-Genomic Era**
武田 充人(北海道大学病院 小児科)
- 4. Management of Hypertrophic Cardiomyopathy in Lifelong Cardiology**
久保 亨(高知大学 老年病・循環器内科)

Special Session 3 会長特別企画 3

March 23 (Fri) 16:00-16:40

Room 4 (Osaka International Convention Center, 8F, 801+802)

Case Report Award Session (CRAS) Surgery Session

Chairpersons :

Motonobu Nishimura (Organ Regeneration Surgery, Tottori University Faculty of Medicine, Tottori)

Ikuko Shibasaki (Department of Cardiac and Vascular Surgery, Dokkyo Medical University School of Medicine, Mibu)

- 1. Effectiveness of the Impella 5.0 as a Bridge to Durable Left Ventricular Assist Device -The First Clinical Application in Japan-**
Kazuma Handa (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)
- 2. Long Term Outcome of Autologous Skeletal Muscle Derived Cell Sheet in Severe Heart Failure Patient with Ischemic Cardiomyopathy -A Case Report-**
Rintaro Yamamoto (Department of Cardiovascular Surgery, Osaka University Hospital, Suita)
- 3. Trousseau Syndrome with Nonbacterial Thrombotic Endocarditis and Left Ventricular Thrombus in a Patient with Ovarian Cancer**
Takura Taguchi (Department of Cardiovascular Surgery, Osaka Police Hospital, Osaka)
- 4. A Novel Surgical Technique for Severe Coarctation of Aorta by Interposition of a Pulmonary Autograft Tube**
Rie Nakai (Department of Pediatric Cardiovascular Surgery, Children's Research Hospital, Kyoto Prefectural University of Medicine, Kyoto)

Special Session 4 会長特別企画 4

March 23 (Fri) 16:40-17:50

Room 4 (Osaka International Convention Center, 8F, 801+802)

Case Report Award Session (CRAS) Internal Medicine Session

Chairpersons :

Yutaka Otsuji (Second Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyushu)

Tomomi Ide (Department of Cardiovascular Medicine, Kyushu University, Fukuoka)

- 1. A Case of Platypnea-orthodeoxia Syndrome Successfully Treated with Transcatheter Foramen Ovale Closure; Clinical Usefulness of Positional Angiography**
Kazuhiro Kuroda (Department of Cardiology, Okayama City Hospital, Okayama)
- 2. A Case of Severe ASD-PAH "Treat and Repair" by Epoprostenol Continuous Intravenous Infusion and Surgical ASD Partial Closure**
Jihaeng Im (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- 3. A Case of Long QT Syndrome with Double Gene Mutation Causing Dual Phenotype in Relation to Abdominal Symptom**
Masahiro Hada (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

4. **A Case of Left Coronary Sinus of Valsalva Aneurysm Associated with RMRP Gene Mutations**
Yukari Okuma (Department of Cardiology, Shinshu University, Matsumoto)
5. **Infective Endocarditis Due to Treponema Pallidum: A Case Diagnosed by Polymerase Chain Reaction Analysis of Aortic Valve**
Sadahiro Hijikata (Department of Cardiology, Japanese Red Cross Musashino Hospital, Tokyo)
6. **Combined Therapies with Catheter Ablation, Device Implantation and Methotrexate for Antiarrhythmic Drug-refractory Ventricular Tachycardia with Cardiac Sarcoidosis of Steroid-contraindication**
Yuichi Suzuki (Internal Medicine III, Hamamatsu University School of Medicine, Hamamatsu)
7. **Influence of Tyrosine Kinase Inhibitors on Repeated Thrombotic Occlusion of Bare-metal Stent in Superficial Femoral Arteries: Insights from Angioscopic Findings**
Shigeki Kuwasaki (Department of Cardiovascular Medicine, Nagasaki University Hospital, Nagasaki)

Special Session 5 会長特別企画 5 (HF)

March 23 (Fri) 14:05–15:35

Room 9 (RIHGA Royal Hotel Osaka, Tower Wing, 3F, Royal Hall)

LVAD ~Up-to-date and Future~

Chairpersons:

Akihiko Usui (Department of Cardiac Surgery, Nagoya University, Nagoya)

Shunei Kyo (Tokyo Metropolitan Geriatric Hospital & Institute Gerontology, Tokyo)

1. **LVADs for End-Stage Heart Failure -Up Date and Future-**
Yoshifumi Naka (Department of Surgery, Columbia University College of Physicians and Surgeons, USA)
2. **Future Role of Mechanical Circulatory Sport in the Treatment of Advanced Stage Heart Failure**
Mark Slaughter (Department of Cardiovascular and Thoracic Surgery, University of Louisville School of Medicine, USA)
3. **What Will be an LVAD Japan Way?**
Koichi Toda (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)

Special Session 6 会長特別企画 6

March 23 (Fri) 15:00–15:45

Room 12 (RIHGA Royal Hotel Osaka, Tower Wing, 3F, Kourin 3)

Chairperson:

Osamu Yamaguchi (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

Meet the Editor-in-Chief of Circulation: Arrhythmia and Electrophysiology -How to Submit a Strong Manuscript

Paul Wang (Stanford University, USA)

Special Session 会長特別企画 「レジェンド道場 ～悩んでいるなら俺に聞け！～」(A)

3月23日(金) 15:00–15:45

特設会場 (大阪国際会議場 3階 イベントホール)

第1幕 不整脈のトラブルシューティングなら俺に聞け！

- ・難渋する AVNRT アブレーション：どのようにアブレーションするべきか？
- ・非機能リードのリード抜去：適応は？ どこまで抜去するのか？

司会:

南口 仁 (大阪大学 循環器内科)

対談者:

庄田 守男 (東京女子医科大学 循環器内科学)

症例プレゼンター:

小津 賢太郎 (大阪大学 循環器内科)

ラウンドテーブルディスカッション 1 (O)

3月23日(金) 13:20-14:50

第10会場 (リーガロイヤルホテル大阪 タワーウイング 3階 光琳1)

ハイリスク弓部大動脈疾患に対する治療の将来

座長:

古森 公浩 (名古屋大学 血管外科)

大北 裕 (神戸大学 心臓血管外科)

1. Could Traditional Graft Replacement of Aortic Arch in High Risk Patients be Surviving in the TEVAR Era?

湊谷 謙司 (京都大学 心臓血管外科)

2. Total Endovascular Arch Repair

倉谷 徹 (大阪大学 低侵襲循環器医療学)

3. Current State and Future Perspective of Treatment for Aortic Arch Diseases in High Risk Patients

志水 秀行 (慶應義塾大学 外科 (心臓血管))

トピック 2 (A)

3月23日(金) 16:00-17:30

第2会場 (大阪国際会議場 5階 小ホール)

AFの抗血栓治療 up to date~最適な抗血栓療法を目指して~

座長:

是恒 之宏 (国立病院機構大阪医療センター)

清水 渉 (日本医科大学 循環器内科学)

1. Real-World Underdose Usage of DOAC for Stroke Prevention in Atrial Fibrillation

山下 武志 (心臓血管研究所 循環器内科)

2. Importance of Adherence to Anticoagulants

志賀 剛 (東京女子医科大学 循環器内科)

3. Recent Advances on Peri-operative Management of Anticoagulation for Atrial Fibrillation

井上 耕一 (桜橋渡辺病院 循環器内科)

4. Bleeding Complications in Patients with Atrial Fibrillation Receiving Anticoagulants: Up-to-Date

赤尾 昌治 (国立病院機構京都医療センター 循環器内科)

5. Up to Date of Acute Treatment in Stroke

木村 和美 (日本医科大学 神経内科分野)

6. Diagnosis and Treatment for Embolic Strokes of Undetermined Source (ESUS)

矢坂 正弘 (国立病院機構九州医療センター 脳血管・神経内科)

Meet the Expert 1 (HF)

March 23 (Fri) 13:20-14:05

Room 9 (RIHGA Royal Hotel Osaka, Tower Wing, 3F, Royal Hall)

Passion for Developing the Artificial Heart -Save Heart Failure Patients All Around the World!-

Chairperson:

Hikaru Matsuda (Higashi-Takarazuka Satoh Hospital, Takarazuka)

Rotary Blood Pump Bearing Design -Predicted and Achieved Results

Robert Jarvik (Jarvik Heart, Inc., USA)

ミート・ザ・エキスパート 2 (O)

3月23日(金) 13:20-14:05

第14会場 (リーガロイヤルホテル大阪 タワーウイング 2階 桂)

エキスパートに聞く人工知能のもたらす未来医療

座長:

麻野井 英次 (大阪大学 国際医工情報センター 慢性心不全総合治療学共同研究講座)

Artificial Intelligence for Medicine

三宅 淳 (大阪大学 国際医工情報センター)

Late Breaking Clinical Trials 1 (O)

3月23日(金) 13:20-14:50

第6会場(大阪国際会議場 12階 特別会議場)

Comprehensive Management of High Risk Cardiovascular Patients

座長:

野出 孝一(佐賀大学 循環器内科)

大石 充(鹿児島大学 心臓血管・高血圧内科学)

- 1. High-versus Moderate-Intensity Pitavastatin Therapy in 13,054 Patients with Stable Coronary Artery Disease: The REAL-CAD Study**
永井 良三(自治医科大学)
- 2. The First Multicenter Placebo-controlled RCT of SGLT-2 and ARB Combination Therapy in Diabetic Patients with Uncontrolled Nocturnal Hypertension: SACRA Study**
刈尾 七臣(自治医科大学 循環器内科学部門)
- 3. Serum Triglyceride Predicts First Cardiovascular Events in Diabetic Patients with Hypercholesterolemia and Retinopathy: Post-hoc Analysis of a Randomized Controlled Trial**
多田 隼人(金沢大学 循環器内科)
- 4. Effects of Eplerenone on Blood Pressure and Glucose Metabolism in Japanese Hypertensives with Obesity**
足達 寿(久留米大学 心臓・血管内科)
- 5. The First Multicenter Placebo-controlled RCT of Suvorexant on Sleep Pressure in Patients with Uncontrolled Morning-hypertension and Insomnia: SUPER-1 Study**
刈尾 七臣(自治医科大学 循環器内科学部門)
- 6. Verify the Efficacy of Renal Artery Stenting to Define the Predictive Factors by Physiological Assessment with Pressurewire Gradient (VERDICT Study)**
藤原 昌彦(岸和田徳洲会病院 循環器内科)

教育セッション I-1 (O)

3月23日(金) 15:50-16:50

第21会場(堂島リバーフォーラム 1階 ホール)

ビデオセッション

経カテーテル弁膜症治療の Pit fall～私はこうしている～

座長:

高山 守正(榊原記念病院 循環器内科)

志水 秀行(慶應義塾大学 外科(心臓血管))

- 1. 僧帽弁閉鎖不全症に対する MitraClip 治療**
大野 洋平(東海大学 循環器内科)
- 2. TAVI (Valve-in-valve)**
前田 孝一(大阪大学 心臓血管外科学)

教育セッション I-2 (CAD)

3月23日(金) 16:50-17:50

第21会場(堂島リバーフォーラム 1階 ホール)

ビデオセッション

PCIの神髄を極める

座長:

小林 欣夫(千葉大学 循環器内科学)

安藤 献児(小倉記念病院 循環器内科)

- 1. 組織・画像・力学に則った CTO PCI**
角辻 暁(大阪大学 国際循環器学)
- 2. Is Your PCI...Right? Fair? Good? Nice? Appropriate? Beautiful? Great? Awesome? Amazing? Terrific? Marvelous? Tremendous?**
中村 淳(新東京病院)

Featured Research Session 1 (A)

March 23 (Fri) 16:00–17:30

Room 6 (Osaka International Convention Center, 12F, Conference Hall)

Arrhythmia, Atrial, Supraventricular 1

Chairpersons :

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

Hitoshi Ichiki (Department of Cardiovascular Medicine and Hypertension, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima)

FRS1-1 Clinical Factors Associating with Atrial Fibrillation Recurrence after Catheter Ablation: Sex Differences in Electrophysiology

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

FRS1-2 Does Empirical Superior Vena Cava Isolation (SVCI) without Confirming Ectopic Firing in SVC Work in Patients with Atrial Fibrillation (AF)?

Kei Hirota (EP Expert Doctors-Team Tsuchiya, Kumamoto)

FRS1-3 The Relationship between Lesion Gap Detected by Late-gadolinium Enhancement Magnetic Resonance Imaging and Recurrence of Atrial Fibrillation after Cryo-Balloon Ablation

Jun Kurose (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)

FRS1-4 Cell Free DNA in Patients with Atrial Fibrillation Promotes Pro-Inflammatory Cytokine Expression in Macrophages

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

FRS1-5 The Iatrogenic Atrial Tachycardias after Mitral Valve Surgery Using Superior Septal Approach

Takamitsu Takagi (Department of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)

FRS1-6 Risk Factors for New-onset Heart Failure in Atrial Fibrillation Patients without Pre-existing Organic Heart Disease: The Fushimi AF Registry.

Yuya Aono (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)

Featured Research Session 2 (IM)

March 23 (Fri) 16:00–17:30

Room 9 (RIHGA Royal Hotel Osaka, Tower Wing, 3F, Royal Hall)

Genetics, Vascular Function, Cardiac Function

Chairpersons :

Eiki Takimoto (Department of Cardiovascular Medicine, The University of Tokyo Graduate School of Medicine, Tokyo)

Masanori Asakura (Hyogo College of Medicine, Nishinomiya)

FRS2-1 Electrical Vagal Nerve Stimulation Lowers Pulmonary Arterial Pressure and Markedly Improves the Survival in Rats with Severe Pulmonary Arterial Hypertension

Keimei Yoshida (Departments of Cardiovascular Medicine, Kyushu University Graduate School of Medical Sciences, Fukuoka)

FRS2-2 Identification of Eight Genetic Variants as Novel Determinants of Dyslipidemia in Japanese by Exome-wide Association Studies

Mitsutoshi Oguri (Department of Cardiology, Kasugai Municipal Hospital, Kasugai)

FRS2-3 The Predictive Factors Affecting False Positive in On-Site Operated CT-Fractional Flow Reserve Based on Fluid and Structural Interaction

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

FRS2-4 Visualization of Arterial Wall Vascularization in Patients with Takayasu Arteritis Using Superb Micro-vascular Imaging: Potential Clinical Application

Wakana Sato (Department of Cardiovascular Medicine, Akita University Graduate School of Medicine, Akita)

FRS2-5 Assessment of Both Coronary Microvascular Damage and Epicardial Flow Velocity Measurement Immediately after Successful PCI Predicts Left Ventricular Remodeling

Atsushi Yamamuro (Department of Cardiovascular Medicine, Nishinomiya Watanabe Cardiovascular Center, Nishinomiya)

FRS2-6 Prognostic Value of Left Ventricular Dyssynchrony Detected by Nuclear Cardiology in Japanese Patients with Coronary Artery Disease

Takumi Hatta (Department of Cardiology, Nihon University School of Medicine, Tokyo)

Oral Presentation (English) 28 (CAD)

March 23 (Fri) 13 : 20—14 : 50

Room 3 (Osaka International Convention Center, 7F, 701+702)

Coronary Revascularization/PCI (DES)

Chairpersons :

Takafumi Ueno (Center of Cardiovascular Disease, Kurume University Hospital, Kurume)

Gaku Nakazawa (Department of Cardiology, Tokai University Hospital, Isehara)

OE28-1 Does Difference in Number of Links at the Stent Geometry Influence the Outcomes of Side Branch?

Masakazu Tsutsumi (Department of Cardiology, Saiseikai Yokohama-city Eastern Hospital, Yokohama)

OE28-2 A Prospective Interventional Registry of One-month DAPT Strategy after DES Implantation in Patients with AF Requiring Oral Anti-coagulation Therapy

Kazunori Horie (Division of Cardiovascular Medicine, Sendai Kousei Hospital, Miyagi)

OE28-3 Impact of Angiographic Residual Stenosis after New-generation Drug-eluting Stents Implantation

Hiroki Watanabe (Department of Cardiology, Japanese Red Cross Wakayama Medical Center, Wakayama)

OE28-4 From Five to Ten Years Clinical Outcomes after Permanent Polymer Sirolimus-eluting Stent (Cypher) Implantation

Ken Kurihara (Department of Cardiology, Ome Municipal General Hospital, Ome)

OE28-5 Overall Review of High Volume Analysis of Rotablator plus DES in Treating Smaller, Calcified CAD Lesions

Masaki Niitani (Division of Cardiology, Heart Institute, Chiba Nishi General Hospital, Matsudo)

OE28-6 The Effect of Geometry Changes on In-stent Restenosis after Stent Implantation in Angulated Lesions: Comparison between PtCr and CoCr Everolimus-eluting Stents

Toshiyuki Kimura (Department of Cardiology, Miyazaki Medical Association Hospital, Miyazaki)

OE28-7 Impact of Insulin-treated Diabetes Mellitus on Clinical Outcomes of Patients after Stent Implantation for Left Main Coronary Artery

Kazuki Matsushita (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)

OE28-8 Difference in Neointimal Characteristics between Everolimus-eluting Stent and Bare-metal Stent at More than 3 Years after Implantation

Hiroaki Ohya (Department of Cardiology, Tsuchiura Kyodo General Hospital, Tsuchiura)

OE28-9 Long-term Safety and Efficacy of First-generation versus Second-generation Drug-eluting Stents in Japanese Patients with Chronic Kidney Disease.

Masaki Monden (Department of Cardiology, The Cardiovascular Institute, Tokyo)

Oral Presentation (English) 29 (IM)

March 23 (Fri) 13 : 20—14 : 50

Room 5 (Osaka International Convention Center, 11F, 1101+1102)

Intravascular Imaging 1

Chairpersons :

Mitsuyasu Terashima (Department of Cardiology, Toyohashi Heart Center, Toyohashi)

Shichiro Abe (Department of Cardiovascular Medicine, Dokkyo Medical University, Tochigi)

OE29-1 Reliability of Optical Coherence Tomography in the Prediction of Occurrence of Side-Branch Complications after Percutaneous Coronary Intervention

Shigeki Kimura (Division of Cardiology, Kameda Medical Center, Chiba)

OE29-2 Intravascular Ultrasound-Derived Virtual Fractional Flow Reserve for the Assessment of Myocardial Ischemia

Fumiyasu Seike (Department of Cardiology, Pulmonology, Hypertension & Nephrology, Ehime University, Toon)

OE29-3 The Impact of P2Y12 Reaction Unit on Intra-stent Tissues and Peri-procedural Myocardial Injury in Stable Angina Pectoris: From MECHANISM-elective Study

Yoshiro Tsukiyama (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)

OE29-4 Assessment of the Second- and Third-generation Drug-eluting Stents via Chronic Coronary Angioscopy: A MICASA Prospective Data Analysis

Toru Miyoshi (Department of Cardiology, Ehime Prefectural Imabari Hospital, Imabari)

OE29-5 New Concept of Assessing the Side Branch Take-off Angle by 3D Optical Coherence Tomography: Insights from 3D OCT Bifurcation Registry

Takayuki Okamura (Department of Medicine and Clinical Science, Yamaguchi University Graduate School of Medicine, Ube)

- OE29-6 Evaluation of Neointimal Quality and Quantity in First, Second, and Third Generation Drug-eluting Stents Using Coronary Angioscopy at Chronic Phase**
Toru Miyoshi (Department of Cardiology, Ehime Prefectural Imabari Hospital, Imabari)
- OE29-7 Bioresorbable Polymer Drug-Eluting Stent Showed Better Arterial Healing than Durable Polymer Drug-Eluting Stent 1 Year after the Implantation**
Takuya Tsujimura (Cardiovascular Center, Kansai Rosai Hospital, Amagasaki)
- OE29-8 Progression of Renal Dysfunction Leads to More Severe Neo-intimal Calcification in Very Late In-stent Restenosis after Bare Metal Stent Implantation**
Takahiro Watanabe (Department of Cardiology, Yokohama Rosai Hospital, Yokohama)
- OE29-9 Comparison of Intravascular Ultrasound-Guided Versus Angiography-Guided Drug Eluting Stents Implantation for Coronary Artery Lesions in East Asian Population**
Fatimah Alzahra' (Faculty of Medicine, University of Gadjah Mada, Indonesia)

Oral Presentation (English) 30 (IM)

March 23 (Fri) 16 : 00—17 : 30

Room 5 (Osaka International Convention Center, 11F, 1101+1102)

Intravascular Imagings 2

Chairpersons :

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

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

- OE30-1 High Wall Shear Stress was Strongly Associated with Plaque Vulnerability in Combined Optical Coherence Tomography and Heartflow FFRCT Simulation**
Takayoshi Toba (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- OE30-2 Clinical Significance of Non-culprit Plaque Regression Following Acute Coronary Syndrome: A Serial Intravascular Ultrasound Study**
Hirohisa Endo (Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Tokyo)
- OE30-3 Prevalence of Neoatherosclerosis in Sirolimus-eluting Stents at Very Late Phase from Implantation**
Eisuke Usui (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)
- OE30-4 Lesional and Clinical Impact of Drug-coated Balloon on In-stent Restenosis Compared with Conventional Balloon Angioplasty: A Prospective Multicenter OCT Registry**
Masaru Kuroda (Department of Cardiology, Kobe University School of Medicine, Kobe)
- OE30-5 Prevalence and Characteristic of Artery to Artery Embolic Myocardial Infarction: An Optimal Coherence Tomography Study**
Masahiro Takahata (Department of Cardiology, Wakayama Medical University, Wakayama)
- OE30-6 Vascular Healing Response to Biodegradable-polymer Sirolimus-eluting Stent in Comparison with Durable-polymer Everolimus-eluting Stent Assessed by Optical Coherence Tomography and Angioscopy.**
Amane Kozuki (Department of Cardiology, Osaka Saiseikai Nakatsu Hospital, Osaka)
- OE30-7 Comparison of Chronic Phase Assessment of Second Generation Drug-Eluting Stents and Third Generation Drug-Eluting Stents with Coronary Angioscopy**
Yuichiro Ishii (Department of Cardiology, Faculty of Medicine, University of Tsukuba Hospital, Tsukuba)
- OE30-8 Relationship between Irregular Protrusion Detected with OCT and Incidence of Thrombus Detected with Coronary Angioscopy after Stent Implantation.**
Shunsuke Sakai (Department of Cardiology, Faculty of Medicine, University of Tsukuba Hospital, Tsukuba)
- OE30-9 Impact of Morphological Characteristics and Stent Expansion on Restenosis after Paclitaxel-coated Balloon Angioplasty for First- and Second-generation Drug-eluting Stent Restenosis**
Katsuya Miura (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)

Oral Presentation (English) 31 (HF)

March 23 (Fri) 13 : 20—14 : 50
Room 7 (Osaka International Convention Center, 12F, 1202)

Cardiomyopathy/Hypertrophy (Clinical) 1

Chairpersons :

Fumio Terasaki (Medical Education Center, Osaka Medical College, Takatsuki)
Noboru Fujino (Department of Cardiovascular and Internal Medicine, Kanazawa University Graduate School of Medicine, Kanazawa)

- OE31-1 Amyloid Deposition Pattern Predicts Prognosis in Patients with Cardiac Amyloidosis**
Mayumi Fukushima (Department of Cardiology, National Cerebral and Cardiovascular Center, Suita)
- OE31-2 Long-term Beneficial Effect of Enzyme Replacement Therapy in Fabry Patients**
Kenichi Hongo (Division of Cardiology, Department of Internal Medicine, The Jikei University School of Medicine, Tokyo)
- OE31-3 Long Term Effect of Percutaneous Transluminal Septal Myocardial Ablation for Hypertrophic Obstructive Cardiomyopathy**
Yoichi Imori (Department of Cardiovascular Medicine, Nippon Medical School Hospital, Tokyo)
- OE31-4 Long-term Clinical Benefits of Catheter Ablation for Atrial Fibrillation in Patients with Hypertrophic Cardiomyopathy**
Satoshi Higuchi (Department of Cardiology, Tokyo Women's Medical University, Tokyo)
- OE31-5 Long-term Outcome in Patients with Sarcomere Gene Mutation among Japanese Hypertrophic Cardiomyopathy Populations**
Yasuteru Nakashima (Department of Cardiology and Geriatrics, Kochi Medical School, Kochi University, Kochi)
- OE31-6 Recovery from Complete Heart Block after Alcohol Septal Ablation in Patients with Hypertrophic Obstructive Cardiomyopathy: Percent Ventricular-Pacing Follow up**
Yoshimasa Yamamura (Department of Cardiology, Sakakibara Heart Institute, Tokyo)
- OE31-7 Pulse Volume Recordings in Patients with Hypertrophic Obstructive Cardiomyopathy before and after Alcohol Septal Ablation**
Yoshimasa Yamamura (Department of Cardiology, Sakakibara Heart Institute, Tokyo)
- OE31-8 Prediction of Ventricular Arrhythmia in Hypertrophic Cardiomyopathy: Validation of ESC Risk Prediction Model and Role in Dilated Phase Hypertrophic Cardiomyopathy**
Shoko Nakagawa (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
- OE31-9 Clinical Implication of Diffuse Myocardial ¹⁸F-FDG Uptake in Patients with Cardiac Sarcoidosis despite Prolonged Fasting**
Emi Tateishi (Department of Radiology, National Cerebral and Cardiovascular Center, Suita)

Oral Presentation (English) 32 (HF)

March 23 (Fri) 16 : 00—17 : 30
Room 7 (Osaka International Convention Center, 12F, 1202)

Cardiomyopathy/Hypertrophy (Clinical) 2

Chairpersons :

Hiroaki Kawano (Department of Cardiovascular Medicine, Nagasaki University Graduate School of Medicine, Nagasaki)
Hitoshi Takano (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)

- OE32-1 Urinary N-terminal Fragment of Titin Predicts Mortality in Dilated Cardiomyopathy**
Yu Sato (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)
- OE32-2 Urinary N-terminal Fragment of Titin Distinguishes Dystrophin Cardiomyopathy from Other Types of Cardiomyopathy**
Takatoyo Kiko (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)
- OE32-3 Reactive Oxygen Metabolites can Predict Future Heart Failure (HF) Events in Patients with Non-ischemic HF (NIHF).**
Taiki Nishihara (Department of Cardiovascular Medicine, Faculty of Life Sciences, Graduate School of Medical Science, Kumamoto University, Kumamoto)
- OE32-4 Importance of Multiple Biomarker Approach in Patients with Cardiac Sarcoidosis**
Takatoyo Kiko (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)
- OE32-5 Endothelial Cell-derived Endothelin-1 Contribute to Accumulation of Myocardial Triglyceride and Diastolic Dysfunction in Diabetes Heart**
Bambang Widyanoto (Department of Cardiology and Vascular Medicine, Universitas Indonesia - National Cardiovascular Center Harapan Kita, Indonesia)

- OE32-6 Human Epididymis Protein 4 is a Useful Predictor of Pathological Cardiac Remodeling and Adverse Outcomes in Patients with Dilated Cardiomyopathy**
Masahiro Yamamoto (Department of Cardiology, Kumamoto University, Kumamoto)
- OE32-7 Myocardial Tenascin-C Expression Inhibits Recovery of Ejection Fraction in Patients with Non-Ischemic Dilated Cardiomyopathy**
Yasuo Sugano (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
- OE32-8 Activation of Sympathetic Nerves System was Blunted in Takotsubo Cardiomyopathy Patients with Diabetes Mellitus**
Takero Matsuura (Division of Cardiology, Faculty of Medicine, Kindai University, Osakasayama)
- OE32-9 Genotype Distribution and Prognosis of Japanese Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia Patients**
Satoru Niwa (Department of Cardiovascular and Internal Medicine, Kanazawa University Graduate School of Medicine, Kanazawa)

Oral Presentation (English) 33 (HF)

March 23 (Fri) 13 : 20 – 14 : 50

Room 8 (Osaka International Convention Center, 12F, Grande Toque)

Heart Failure (Basic/Pharmacology), Regeneration (Basic, Clinical)

Chairpersons :

Miyuki Kobara (Division of Clinical Pharmacology, Kyoto Pharmaceutical University, Kyoto)

Yuichi Oike (Department of Molecular Genetics, Kumamoto University Graduate School of Medical Sciences, Kumamoto)

- OE33-1 Rho-kinase and Cyclophilin A as Novel Therapeutic Targets for Cardiac Dysfunction and Post-Capillary Pulmonary Hypertension**
Shinichiro Sunamura (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)
- OE33-2 Brown Adipose Tissue is Involved in the Suppression of Pathologies in a Murine Left Ventricular Pressure Overload Model**
Yohko Yoshida (Department of Cardiovascular Biology and Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata)
- OE33-3 SDPR/Cavin-2 Deficiency Attenuates Interstitial Fibrosis and Preserves Cardiac Function in Pressure Overload-induced Heart Failure in Mice**
Yusuke Higuchi (Department of Cardiovascular Medicine, Kyoto Prefectural University of Medicine, Kyoto)
- OE33-4 Mechanistic Target of Rapamycin Protects Cardiomyocytes from Excess Iron and Ferroptosis**
Yuichi Baba (Department of Cardiology and Geriatrics, Kochi Medical School, Kochi University, Nankoku)
- OE33-5 Cardiac Nuclear high-mobility Group Box 1 Ameliorates Angiotensin II Induced Pathological Cardiac Remodeling through DNA Damage Response**
Tetsuya Takahashi (Department of Cardiology, Pulmonology, and Nephrology, Yamagata University School of Medicine, Yamagata)
- OE33-6 Role of Rho-mDia1 Signaling to Maintain Cardiac Function in Response to Pressure Overload in Mice**
Ichitaro Abe (Department of Cardiology and Clinical Examination, Oita University Faculty of Medicine, Yufu)
- OE33-7 Sustained-release Synthetic Prostacyclin Agonist Attenuates Pressure Overload-induced Cardiac Fibrosis by Inhibiting Fibroblast Activation in Mice**
Kenta Masada (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)
- OE33-8 Immunologic Impacts of Natural Killer Cell-related Rejection Mediated by CD226 and NKG2D on Engraftment of Syngeneic iPS Cell Derived Cardiomyocyte**
Yuki Nakamura (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)
- OE33-9 Novel PROTAC-induced BET Protein Degradation is Potent in ex Vivo Purging of Tumorigenic Cells from iPSC-derived Cardiomyocytes**
Shigeo Masuda (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)

Oral Presentation (English) 34 (HT)

March 23 (Fri) 16 : 00—17 : 30

Room 8 (Osaka International Convention Center, 12F, Grande Toque)

Hypertension (Clinical)

Chairpersons :

Naoyuki Hasebe (Department of Internal Medicine, Division of Cardiology, Nephrology, Pulmonology and Neurology, Asahikawa Medical University, Asahikawa)

Shingo Seki (Department of Cardiovascular Medicine, The Jikei University Katsushika Medical Center, Tokyo)

OE34-1 Adipsin Predicts Membrane Microviscosity of Red Blood Cells and Microcirculatory Dysfunction in Hypertensive Subjects by a Nitric Oxide-Dependent Mechanism

Kazushi Tsuda (Cardiovascular and Metabolic Research Center, Kansai University of Health Sciences, Osaka)

OE34-2 Impairment of Endothelial Function in Patients Receiving Antihypertensive Drug Treatment Regardless of Blood Pressure Level: FMD-J Study

Tatsuya Maruhashi (Department of Cardiovascular Medicine, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima)

OE34-3 Low-grade Inflammation: A Mediator of the Relationship between Long Sleep Duration and Mortality in the Japanese at High-risk of Cardiovascular Disease?

Michiaki Nagai (Department of Cardiology, Hiroshima City Asa Hospital, Hiroshima)

OE34-4 The Non-dipper Blood Pressure Pattern is an Independent Predictor of Cardiovascular Outcomes in Patients with Sleep-disordered Breathing: The J-HOP Study

Hiroyuki Mizuno (Division of Cardiovascular Medicine, Department of Medicine, Jichi Medical University School of Medicine, Shimotsuke)

OE34-5 Higher Central Pulse Pressure Variability is Associated with Aortic Valve Calcium Volume in Patients with Severe Aortic Stenosis

Soichiro Tamura (Department of Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka)

OE34-6 Arterial Stiffening is Associated with Adverse Cardiovascular Outcome in Patients without High Blood Pressure

Satoru Sakuragi (Department of Cardiovascular Medicine, Iwakuni Clinical Center, Iwakuni)

OE34-7 Which is More Correlated with Organ Damage, Sleep Blood Pressure Assessed by Home or Ambulatory Blood Pressure Monitoring? J-HOP Study

Sirisawat Wanthong (Division of Cardiovascular Medicine, Department of Medicine, Jichi Medical University, Shimotsuke)

OE34-8 Home Maximum Systolic BP is a Marker of Carotid Atherosclerosis -The J-HOP Study-

Toshiki Kaihara (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)

OE34-9 Arterial Stiffness and Pressure Wave Reflection in the Development of Hypertension

Lisa Takahashi (Department of Cardiology, Tokyo Medical University, Tokyo)

Oral Presentation (English) 35 (HF)

March 23 (Fri) 13 : 20—14 : 50

Room 11 (RIHGA Royal Hotel Osaka, Tower Wing, 3F, Kourin 2)

Valvular Disease

Chairpersons :

Hirokuni Arai (Department of Cardiovascular Surgery, Tokyo Medical and Dental University, Tokyo)

Hirotsugu Fukuda (Department of Cardiac and Vascular Surgery, Dokkyo Medical University, Tochigi)

OE35-1 Minimally Invasive Mitral Valve Repair: An 11-year Single Institute Experience

Taichi Sakaguchi (Department of Cardiovascular Surgery, The Sakakibara Heart Institute of Okayama, Okayama)

OE35-2 Multiple, Continuous Loop Placement of Artificial Chordae for Complex Mitral Repair with or without MICS Approaches

Masashi Komeda (Department of Cardiovascular Surgery, Iseikai Hospital, Osaka)

OE35-3 Mitral Repair with Subvalvular Prodedures may Enhance Reverse-remodeling in Patients with Functional Mitral Regurgitation (FMR) -Another Contribution for the Heart-team?

Masashi Komeda (Department of Cardiovascular Surgery, Iseikai Hospital, Osaka)

OE35-4 Concomitant Maze Procedure in Redo Mitral Valve Surgery

Tomonobu Abe (Department of Cardiac Surgery, Nagoya University, Nagoya)

OE35-5 Papillary Muscle Approximation with Restrictive Annuloplasty for Ischemic Mitral Regurgitation: Impact on Postoperative Left Ventricular Reverse Remodeling

Yusuke Misumi (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)

- OE35-6 Functional MR Caused by Hypermobility of Posterior Annulus in Barlow's Disease**
Chiharu Tanaka (Department of Cardiovascular Surgery, Tokai University Hachioji Hospital, Hachioji)
- OE35-7 Impact of Recovery of Left Ventricular Function on Long-term Outcomes after Aortic Valve Replacement in Patients with Severe Aortic Stenosis**
Koichi Inoue (Department of Cardiovascular Surgery, The Sakakibara Heart Institute of Okayama, Okayama)
- OE35-8 Three Dimensional CT Evaluation of Total Root Remodeling with Sleeve Technique for Repairing Aortic Regurgitation with Aortic Root Dilatation**
Kikuko Obase (Cardiovascular Surgery, Nagasaki University Hospital, Nagasaki)
- OE35-9 Aortic Valve Neocuspidization for Patients with Aortic Stenosis**
Yasunori Iida (Department of Cardiovascular Surgery, Ogikubo Hospital, Tokyo)

Oral Presentation (English) 36 (HF)

March 23 (Fri) 16 : 00 – 17 : 20

Room 11 (RIHGA Royal Hotel Osaka, Tower Wing, 3F, Kourin 2)

CAD, Others

Chairpersons :

Hitoshi Yaku (Department of Cardiovascular Surgery, Kyoto Prefectural University of Medicine, Kyoto)

Tohru Asai (Division of Cardiovascular Surgery, Department of Surgery, Shiga University of Medical Science, Otsu)

- OE36-1 Long-term Outcome after Coronary Artery Bypass Grafting in Patients under Hemodialysis - Comparison between Diabetic and Non-diabetic Kidney Disease**
Tatsuya Seki (Department of Cardiovascular and Thoracic Surgery, Hokkaido University School of Medicine, Sapporo)
- OE36-2 Comparing Midterm Outcomes between Coronary Artery Bypass Grafting and Percutaneous Coronary Intervention: SHINANO-CABG; Propensity-Score Matching**
Toshihito Gomibuchi (Department of Cardiovascular Surgery, Shinshu University School of Medicine, Matsumoto)
- OE36-3 Early and Midterm Outcome of the Right Gastroepiploic Artery in Coronary Revascularizations**
Masahito Minakawa (Department of Thoracic and Cardiovascular Surgery, Hirosaki University Graduate School of Medicine, Hirosaki)
- OE36-4 Sandwich Technique via RV Approach to Repair Post-infarct VSD in Super Acute Phase - Coronary Culprit Lesions vs Surgical Results-**
Susumu Isoda (Department of Cardiovascular Surgery, Fujisawa City University, Fujisawa)
- OE36-5 Computational Fluid Dynamics Analysis of Onlay Patch Coronary Artery Bypass Anastomosis**
Satoshi Numata (Department of Cardiovascular Surgery, Kyoto Prefectural University of Medicine, Kyoto)
- OE36-6 Cardiac Rhabdomyoma, What are the Options in Life-threatening Condition?**
Hiroshi Seki (Department of Cardiovascular Surgery, Yamato Seiwa Hospital, Yamato)
- OE36-7 Surgical Management for Secondary Pulmonary Hypertension in Pediatric Restrictive Cardiomyopathy Patients**
Masaki Taira (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)
- OE36-8 Surgical Re-interventions with Aggressive Applying of Cardiac Resynchronization Therapy in Adult Congenital Heart Disease Patients**
Kosuke Yoshizawa (Cardiovascular Surgery, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)

Oral Presentation (English) 37 (HF)

March 23 (Fri) 16 : 00 – 17 : 20

Room 14 (RIHGA Royal Hotel Osaka, Tower Wing, 2F, Katsura)

Cardiovascular Pharmacology (Basic/Clinical), Cardiovascular Surgery/CABG

Chairpersons :

Masahiro Yasutake (Department of General Medicine & Health Science, Nippon Medical School, Tokyo)

Satsuki Fukushima (Department of Cardiac Surgery, National Cerebral and Cardiovascular Center, Suita)

- OE37-1 Extended Clopidogrel Therapy beyond 12 Months and Long-term Clinical Outcomes in Diabetic Patients Receiving Second-generation Drug-eluting Stents**
Sung Woo Cho (Division of Cardiology, Department of Internal Medicine, Inje University College of Medicine, Seoul Paik Hospital, Korea)
- OE37-2 Withdrawn**
- OE37-3 CABG versus PCI for Moderate to Severe CKD Patients with Multi-vessel Coronary Artery Disease: Result from SHINANO-CABG Registry**
Hidetomo Nomí (Department of Cardiology, Saku Central Hospital Advanced Care Center, Saku)

- OE37-4 Echocardiographic Features of Extended Posterior Leaflet Augmentation for Ischemic Mitral Regurgitation**
Naoko Ikeda (Department of Cardiology, Showa University Koto Toyosu Hospital, Tokyo)
- OE37-5 Surgical Outcomes of Thoracic Aortic Surgery in Patients with CAD -Based on the Japan Adult Cardiovascular Surgery Database**
Sachiko Kanki (JCVSD-Adult Section, Tokyo/Department of Thoracic and Cardiovascular Surgery, Osaka Medical College, Takatsuki)
- OE37-6 A Novel APJ Ligand, ELABELA, Protects from Pathological Cardiac Remodeling Induced by Pressure Overload and Angiotensin II**
Teruki Sato (Department of Cardiovascular Medicine, Akita University Graduate School of Medicine, Akita)
- OE37-7 Low Dose of a Curcumin Analogue, Y-030, Significantly Suppresses p300-HAT Activity and the Development of Heart Failure**
Kana Shimizu (Division of Molecular Medicine, School of Pharmaceutical Sciences, University of Shizuoka, Shizuoka/Clinical Research Institute, Kyoto Medical Center, National Hospital Organization, Kyoto)
- OE37-8 Glucagon-like Peptide 1 Analogue Protects Mitochondria and Attenuates Hypoxia-reoxygenation Injury in Cultured Myocytes.**
Miyuki Kobara (Department of Clinical Pharmacology, Kyoto Pharmaceutical University, Kyoto)

Oral Presentation (English) 38 (MD)

March 23 (Fri) 16:00–17:20

Room 15 (RIHGA Royal Hotel Osaka, Tower Wing, 2F, Botan)

Diabetes, Obesity/SAS

Chairpersons :

Shin-ichi Ando (Sleep Apnea Center, Kyushu University Hospital, Fukuoka)

Ichiro Kishimoto (Division of Endocrinology and Diabetes, Toyooka Public Hospital, Toyooka)

- OE38-1 Diagnostic Validity of Noninvasive Fractional Flow Reserve Measurements in Patients with Diabetes Mellitus**
Shinichiro Sakurai (Department of Cardiology, Aichi Medical University, Nagakute)
- OE38-2 Preserved ATP and Suppressed Oxidative Stress by B-hydroxybutyrate are Associated with Cardioprotection Afforded by Empagliflozin in Diabetic Rats.**
Hiroto Oshima (Department of Cardiovascular, Renal and Metabolic Medicine, Sapporo Medical University School of Medicine, Sapporo)
- OE38-3 Global Cardiovascular Echo System for Diabetic Patients in Heart Center of Kyushu University**
Keita Odashiro (Department of Medicine and Biosystemic Science, Kyushu University Graduate School of Medicine, Fukuoka)
- OE38-4 Low Exercise Tolerance Predicts Critical Myocardial Ischemia in Asymptomatic Patients with Diabetic Mellitus**
Chisato Sato (Division of Cardiology, Cardiovascular Center, Showa University Koto-Toyosu Hospital, Tokyo)
- OE38-5 Continuous Positive Airway Pressure Effect on Malondialdehyde-modified Low-density Lipoprotein in Patients with Obstructive Sleep Apnea**
Masayuki Hyogo (Department of Cardiology, Japanese Red Cross Kyoto Daiichi Hospital, Kyoto)
- OE38-6 Trajectory of Developing Obesity and Its Confounders in Childhood**
Masao Yoshinaga (Department of Pediatrics, National Hospital Organization Kagoshima Medical Center, Kagoshima)
- OE38-7 Different Prognosis between Severe and Very Severe Obstructive Sleep Apnea Patients Treated with Continuous Positive Airway Pressure; Five Years Outcome.**
Takuto Hamaoka (System Biology, Kanazawa University Graduate School of Advanced Preventive Medical Sciences, Kanazawa)
- OE38-8 Abnormal Respiratory Pattern with Deep Sedation during Pulmonary Vein Isolation in Patients with Atrial Fibrillation**
Yasuhiro Tomita (Sleep Center, Toranomon Hospital, Tokyo)

Oral Presentation (English) 39 (A)

March 23 (Fri) 13 : 20—14 : 50

Room 17 (RIHGA Royal Hotel Osaka, West Wing, 2F, Diamond)

Atrial/Supraventricular Arrhythmia (Clinical/Diagnosis) 1

Chairpersons :

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

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

OE39-1 Next Generation Sequencing Reveals Intra-cardiac/Extra-cardiac Circulating MicroRNA Transcriptomes in Atrial Fibrillation

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

OE39-2 Age Rather than Both Echocardiographic Measurements and BNP was Determinant Factor of Non-Paroxysmal Atrial Fibrillation Dynamics: ExTRa Mapping Project

Kensuke Sakata (Department of Cardiovascular Medicine, Shiga University of Medical Science, Otsu)

OE39-3 Cryoballoon Ablation for Left Common Pulmonary Veins: Procedural Findings and Clinical Outcome

Masao Yamaguchi (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

OE39-4 Very Early Recurrence is not Associated with True Recurrence of Atrial Fibrillation after Cryoballoon Ablation

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

OE39-5 Comparison of Esophageal Injury between Irrigated-Tip Radiofrequency Ablation and Cryoballoon Ablation Using Endoscopy before and after Procedures for Atrial Fibrillation

Tadashi Fujino (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)

OE39-6 The Substantial Prevalence and Clinical Implication of Asymptomatic Atrial Fibrillation Newly Detected by Pacemakers

Ayako Ishii (Heart Rhythm Center, Tokyo Medical University Hospital, Tokyo)

OE39-7 Diagnostic Sensitivity of Single Holter Monitoring to Detect Paroxysmal Atrial Fibrillation: Is Once Enough?

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

OE39-8 Predictive Value of Non-inducibility with Incremental Pacing after Catheter Ablation of Persistent Atrial Fibrillation

Shinichi Tachibana (Department of Cardiology, Kameda Medical Center, Kamogawa)

OE39-9 The Evaluation of Left Atrial Appendage Flow Velocity Before and after Catheter Ablation for Atrial Fibrillation

Masafumi Mizusawa (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

Oral Presentation (English) 40 (A)

March 23 (Fri) 16 : 00—17 : 10

Room 17 (RIHGA Royal Hotel Osaka, West Wing, 2F, Diamond)

Atrial/Supraventricular Arrhythmia (Clinical/Diagnosis) 2

Chairpersons :

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

Hiroya Mizuno (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

OE40-1 Impact of Left Ventricular Diastolic Dysfunction on Left Atrial Electrical Remodeling in Patients with Atrial Fibrillation

Hideyuki Kishima (Department of Internal Medicine, Cardiovascular Division, Hyogo College of Medicine, Nishinomiya)

OE40-2 Discrimination of Atypical Atrioventricular Nodal Reentrant Tachycardia from Atrial Tachycardia by Applying V-A-A-V Response Immediately after Ventricular Induction/Entrainment

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

OE40-3 Evaluation of the Atrial Substrate Based on Low-voltage Areas and Dominant Frequencies after Pulmonary Vein Isolation in Non-paroxysmal Atrial Fibrillation

Koji Kumagai (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Maebashi)

OE40-4 The Predictor of Non-pulmonary Vein Foci in the Patients with Atrial Fibrillation

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

- OE40-5 Left Appendage Flow as a Predictor of Thromboembolic Events after Catheter Ablation for Atrial Fibrillation**
Shintaro Yamagami (Department of Cardiology, Kyoto University, Kyoto)
- OE40-6 The Amplitude of Fibrillatory Waves of Surface Electrocardiogram as Predictors for Thromboembolic Events after Catheter Ablation for Chronic Atrial Fibrillation**
Shintaro Yamagami (Department of Cardiology, Kyoto University, Kyoto)
- OE40-7 Low Voltage Area could be Diminished after Pulmonary Vein Isolation in Patients with Atrial Fibrillation**
Yusuke Okuyama (Department of Cardiovascular Medicine, Shiga University of Medical Science, Otsu)

Oral Presentation (English) 41 (A)

March 23 (Fri) 13 : 20—14 : 50
Room 18 (RIHGA Royal Hotel Osaka, West Wing, 2F, Kaede)

ECG/Body Surface Potential Mapping/Holter

Chairpersons :

Mikiko Nakagawa (Medical Education Center, Oita University Faculty of Medicine, Yufu)
Takanao Mine (Department of Internal Medicine, Cardiovascular Division, Hyogo College of Medicine, Nishinomiya)

- OE41-1 The Relationship between QRS Morphology Pattern in Synthesized V5R Lead and the Detailed Origin of Idiopathic Outflow Tract Ventricular Arrhythmias**
Miyako Igarashi (Cardiovascular Center, Tsuchiura Kyodo General Hospital, Tsuchiura)
- OE41-2 Prognostic Implication of Selvester QRS Scoring in Atrial Fibrillation Patients with HFrEF Undergoing Catheter Ablation**
Yoshihiro Nomura (Department of Cardiology, Fujita Health University, Toyoake)
- OE41-3 Clinical Outcomes of Atrial Fibrillation Patients with Bifascicular Block: The Fushimi AF Registry**
Hisashi Ogawa (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)
- OE41-4 The Impact of Notched QRS for the Prediction of Ventricular Tachyarrhythmia in Patients with Vasospastic Angina**
Yoshikazu Sato (Department of Cardiology, Yokohama Minami Kyosai Hospital, Yokohama)
- OE41-5 A Novel Electrocardiographic Criterion for the Diagnosis of Left Ventricular Hypertrophy in the Japanese General Population**
Masato Narita (Department of Cardiology and Nephrology, Hirosaki University School of Medicine, Hirosaki)
- OE41-6 Tactics for Disseminating Prehospital Electrocardiogram Transmission in Kawasaki City**
Satoru Ohkuma (Department of Cardiology, Nippon Medical School Musashikosugi Hospital, Kawasaki)
- OE41-7 Prevalence and Significance of Brugada Syndrome Type Electrocardiogram in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy**
Nobuhiko Ueda (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
- OE41-8 The Prevalence and Causes of Low QRS Voltage on 12-lead ECGs in General Japanese Population**
Yoshihiro Tanaka (Department of Cardiology, Japan Community Health Care Organization Kanazawa Hospital, Kanazawa)
- OE41-9 Clinical Characteristics and Prognosis of Atrial Fibrillation Patients with Fine Fibrillatory Wave: The Fushimi AF Registry**
Hisashi Ogawa (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)

Oral Presentation (English) 42 (A)

March 23 (Fri) 16 : 00—17 : 30
Room 18 (RIHGA Royal Hotel Osaka, West Wing, 2F, Kaede)

Arrhythmia, Others (Clinical/Diagnosis/Treatment)1

Chairpersons :

Shigeru Ikeguchi (Division of Cardiology, Shiga General Hospital, Morioka)
Yoshino Minoura (Division of Cardiology, Department of Medicine, Showa University School of Medicine, Tokyo)

- OE42-1 A Novel Ablation Strategy for Isolating the Superior Vena Cava that Utilizes Ultra High-resolution Mapping**
Yasuaki Tanaka (Cardiovascular Center, Yokosuka Kyosai Hospital, Kanagawa)
- OE42-2 Safety and Efficacy of the Anatomical-guided Isolation Technique for the Superior Vena Cava in Paroxysmal Atrial Fibrillation Patients**
Masayuki Ishimura (Department of Cardiology, Kimitsu Central Hospital, Kisarazu)

- OE42-3 The Evaluation of Superior Vena Cava Stenosis after Superior Vena Cava Isolation in Patients with Paroxysmal Atrial Fibrillation.**
Masayuki Ishimura (Department of Cardiology, Kimitsu Central Hospital, Kisarazu)
- OE42-4 Acute Effects and the Procedure Related Complications of Low Voltage Zone (LVZ) Ablation in Patients with Atrial Fibrillation**
Yuuki Kawano (Division of Cardiology, Saga-ken Medical Centre Koseikan, Saga)
- OE42-5 Clinical Significance of Anterior Low Voltage Zone after Pulmonary Vein Isolation for the Patients with Paroxysmal Atrial Fibrillation**
Yasunori Kanzaki (Department of Cardiology, Ogaki Municipal Hospital, Ogaki)
- OE42-6 Extent and Location of Low Voltage Zone (LVZ) Predict Outcomes after LVZ Ablation in Patients with Atrial Fibrillation (AF)**
Yuuki Kawano (Division of Cardiology, Saga-ken Medical Centre Koseikan, Saga)
- OE42-7 Inferolateral J-wave is Associated with Ventricular Fibrillation Episode in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy**
Naoya Kataoka (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
- OE42-8 Flecainide and Carvedilol could Prevent Ventricular Tachycardia Attack in a Female Case of Long QT Syndrome Associated with RYR2 Mutation**
Minako Hoshiai (Pediatric Heart Center, Yamanashi Prefecture Central Hospital, Kofu)
- OE42-9 Gene-based B-blocker Therapy for Long-QT Syndrome Type 2: Comparison between Nadolol and Propranolol**
Chisato Okamoto (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

一般演題口述（日本語）8 (CAD)

3月23日(金) 16:00-17:30

第3会場（大阪国際会議場 7階 701+702）

Coronary Artery Disease

座長：

下司 徹（彦根市立病院 循環器科）

古賀 聖士（長崎大学 循環器内科）

OJ08-1 Diagnostic Accuracy of Hyperemic Instantaneous Wave-free Ratio for Obstructive Coronary Artery Disease Based on Lesion Location

古屋 真吾（日本大学 循環器科）

OJ08-2 Determinants and Clinical Implication of Post-procedural Fractional Flow Reserve Values as a Predictor of Major Adverse Cardiac Events in Patients

星野 昌弘（土浦協同病院 循環器センター 内科）

OJ08-3 Administration of Eicosapentaenoic Acid (EPA) may Alter High-density Lipoprotein Heterogeneity in Statin-treated Patients with Coronary Artery Disease

谷 樹昌（日本大学 循環器内科）

OJ08-4 Lower Circulating Omega-3 Polyunsaturated Fatty Acids are Associated with Coronary Microvascular Dysfunction Evaluated by Hyperemic Microvascular Resistance

室屋 隆浩（長崎大学 循環病態制御内科学）

OJ08-5 Diagnostic Performance of Quantitative Flow Ratio in Comparison with Fractional Flow Reserve Derived from Coronary Computed Tomography Angiography.

谷垣 徹（岐阜ハートセンター 循環器内科）

OJ08-6 Late Lumen Loss, Rather than Stent Type, Impacts on Acetylcholine-induced Coronary Hyperconstriction after Stenting in the 2nd Generation Drug-Eluting-Stent Era

秋山 雄介（九州大学 循環器内科学）

OJ08-7 Organized Thrombus is One of the Major Causes of Restenosis after Stenting in Hemodialysis Patients: From a Intra-coronary Imaging.

土屋 寛子（群馬県済生会前橋病院 循環器内科）

OJ08-8 Optimal Medical Treatment in Post Coronary Artery Bypass Grafting Patients Undergoing Percutaneous Coronary Intervention as a Secondary Coronary Revascularization

中村 裕一（竹田総合病院 循環器内科）

OJ08-9 Long-term Outcome of Drug Coated Balloons in Patients with Stent Edge Restenosis

長坂 崇司（群馬大学 循環器内科）

一般演題口述（日本語）9 (HF)

3月23日(金) 16:00-17:20

第10会場（リーガロイヤルホテル大阪 タワーウイング 3階 光琳1）

Others 1

座長：

江石 清行（長崎大学 心臓血管外科）

濱野 公一（山口大学 器官病態外科学）

OJ09-1 Relationship between Social Rehabilitation and Quality of Life in Patients with Continuous - Flow Left Ventricular Assist Device

木村 光利（東京大学 心臓外科）

OJ09-2 The vWF Large Multimer Index could be a Predictive Value of Gastrointestinal Bleedings after LVAD Implantation

坂爪 公（東北大学 心臓血管外科）

OJ09-3 Intravenous Systemic Infusion of Nanoparticles, Including ONO1301, Improves Pulmonary Hypertension Specifically Acting on Injured Lung in a Rat Model.

金谷 知潤（大阪大学 心臓血管外科）

OJ09-4 Staged Hybrid Therapy of PEA and BPA for CTEPH Patients Having Distal Lesions

小泉 信達（東京医科大学 心臓血管外科）

OJ09-5 Changeover Trial of Febuxostat and Topiroxostat for Hyperuricemia with Cardiovascular Disease (TROFEO Trial)

瀬在 明（日本大学 心臓血管外科学）

OJ09-6 Can Tolvaptan Protect Renal Function in the Early Postoperative Period of Cardiac Surgery? Results of a Single-center Randomized Controlled Study

岸本 祐一郎（鳥取大学 心臓血管外科）

March
23
PM

OJ09-7 PCSK9 Inhibitor Therapy for Cardiovascular Surgery Patients

瀬在 明 (日本大学 心臓血管外科)

OJ09-8 Clinical Outcome after Cardiac Progenitor Cell Application in Single Ventricles: Impact of Heart Failure with Preserved Ejection Fraction

佐野 俊和 (岡山大学 心臓血管外科)

一般演題口述 (日本語) 10 (MD)

3月23日(金) 13:20-14:50

第15会場 (リーガロイヤルホテル大阪 タワーウイング 2階 牡丹)

Diabetes, Others

座長:

島袋 充生 (福島県立医科大学 糖尿病内分泌代謝内科)

小関 正博 (大阪大学 循環器内科)

OJ10-1 Identification of Five Genetic Variants as Novel Determinants of Type 2 Diabetes Mellitus in Japanese by Exome-wide Association Studies

小栗 光俊 (春日井市民病院 循環器内科)

OJ10-2 Ameliorating Effect of Empagliflozine on Plasma Triglyceride is Associated with Endothelial Function Recovery in Diabetic Patients with Coronary Artery Disease.

澤田 隆弘 (兵庫県立姫路循環器病センター 循環器科)

OJ10-3 Association of Body Fat Mass with Left Ventricular Myocardial Systolic Longitudinal Dysfunction in Type 2 Diabetes Mellitus

羽溪 優 (神戸大学 循環呼吸器病態学)

OJ10-4 Effects of SGLT2 Inhibitor Dapagliflozin on Epicardial and Visceral Fat in Patients with Diabetes and Metabolic Syndrome: Randomized Controlled Trial

椎名 一紀 (東京医科大学 循環器内科学分野)

OJ10-5 Impact of Blood Pressure as a Contributing Factor to Stroke in the Community-based Diabetic Population

古味 良亮 (岩手医科大学 循環器・腎・内分泌内科)

OJ10-6 Impact of Treatments for Diabetes on Adverse Events after Percutaneous Coronary Intervention: Japanese Multicenter Registry (KICS) Data

山下 享芳 (熊本大学 循環器病態学)

OJ10-7 The Effect of Sodium-Glucose Co-Transporter-2 Inhibitor Treatment on Epicardial Adipose Tissue Volume

佐藤 貴雄 (立川総合病院)

OJ10-8 The Autonomic Nerve System Modified by Cryoballoon Ablation was Associated with the Recurrence of Atrial Fibrillation

島田 博史 (横浜南共済病院 循環器内科)

OJ10-9 Heavy Drinking Impairs Endothelial Function in Patients with Hypertension: Flow-mediated Dilation Japan (FMD-J) Study

小田 望 (県立広島病院 循環器内科)

一般演題口述 (日本語) 11 (MD)

3月23日(金) 16:00-17:20

第16会場 (リーガロイヤルホテル大阪 ウェストウイング 2階 ペリドット)

Lipid Disorders

座長:

池脇 克則 (防衛医科大学校 神経・抗加齢血管内科)

石田 達郎 (神戸大学 循環器内科)

OJ11-1 Clinical and Cardiovascular Outcomes in Double Heterozygous Familial Hypercholesterolemia with LDLR and PCSK9 Mutations: Insights from Genetically-diagnosed HeFH Database

土井 貴仁 (国立循環器病研究センター 心臓血管内科)

OJ11-2 Association between Plasma PCSK9 and the Presence or Severity of Coronary Artery Disease

野瀬 大補 (福岡大学 心臓血管内科学/姫野病院 循環器内科)

OJ11-3 Impact of Elevated Serum Levels of Lipoprotein (a) on Prevalence of Polyvascular Atherosclerotic Diseases in Younger Patients with Coronary Artery Disease

堀江 和紀 (仙台厚生病院 循環器内科)

- OJ11-4 Efficacy and Long-term Safety of Omega-3 Free Fatty Acids, Epanova, in Japanese Patients with Dyslipidemia**
横手 幸太郎 (千葉大学 細胞治療学)
- OJ11-5 The Predictive Value of Remnant-like Lipoprotein Particles Cholesterol for Clinical Outcomes after PCI for Hemodialysis Patients with Stable Angina Pectoris**
水澤 真文 (横須賀共済病院 循環器センター 内科)
- OJ11-6 NonHDLc/HDLc Ratio as a Novel Predictor of Amiodarone-Induced Pulmonary Toxicity**
澤口 潤 (金沢医科大学 循環器内科)
- OJ11-7 Small Dense Low-Density Lipoprotein Cholesterol and the Development of Coronary Heart Disease in a Japanese Community: The Hisayama Study**
東岡 真由 (九州大学医学研究院 衛生・公衆衛生学分野)
- OJ11-8 Clinical Whole Exome Sequencing in Severe Hypertriglyceridemia**
多田 隼人 (金沢大学 循環器内科)

Case Report Award Session (CRAS) Poster 1

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 2 (Osaka International Convention Center, 3F, Event Hall E)

Surgery Session

Chairperson :

Aya Saito (Division of Cardiovascular Surgery, Toho University Sakura Medical Center, Sakura)

CRAS-P1-1 Surgical Treatment for Coronary Arteriovenous Fistula with Dilated Right Coronary Artery

Jun Teraguchi (Department of Cardiovascular Surgery, Kyoto Prefectural University of Medicine, Kyoto)

CRAS-P1-2 Left Internal Thoracic Artery to Left Anterior Descending Artery Bypass for In-stent Repeated Restenosis of LMT in a Takayasu's Arteritis Patient

Manato Sakamoto (Department of Cardiovascular Surgery, Kyoto Prefectural University of Medicine, Kyoto)

CRAS-P1-3 A Case of Alcoholic Cardiomyopathy with Cardiac-induced Severe Hepatic Failure Successfully Treated with an Extracorporeal Left Ventricular Assist Device

Tsubasa Mikami (Department of Cardiovascular Surgery, Sakurabashi Watanabe Hospital, Osaka)

CRAS-P1-4 Minimally Invasive Mitral Valve Repair via a Right Mini-thoracotomy in a Patient with Myelodysplastic Syndrome

Takura Taguchi (Department of Cardiovascular Surgery, Osaka Police Hospital, Osaka)

CRAS-P1-5 Ventricular Septal Perforation Associated with Aortic Valve Infective Endocarditis

Satoshi Sakakibara (Department of Cardiovascular Surgery, Sakurabashi Watanabe Hospital, Osaka)

CRAS-P1-6 Minimally Invasive Mitral Valve Repair and Septal Myectomy via a Right Mini-thoracotomy for a Patient with Mitral Valve Regurgitation and Fear of Systolic Anterior Motion

Takura Taguchi (Department of Cardiovascular Surgery, Osaka Police Hospital, Osaka)

CRAS-P1-7 Mitral Stenosis Associated with Fabry Disease and the Treatment with Mitral Valve Replacement

Tatsuya Watanabe (Department of General Surgery, Kawasaki Medical School General Medical Center, Okayama)

Case Report Award Session (CRAS) Poster 2

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 2 (Osaka International Convention Center, 3F, Event Hall E)

Internal Medicine Session 1

Chairperson :

Chisato Izumi (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

CRAS-P2-1 Transcatheter Aortic Valve Replacement (TAVR)-Associated Prosthetic Valve Endocarditis Presented Hypo-attenuated Leaflet Thickening on Multidetector Computed Tomography

Yuichiro Mori (Department of Cardiology, Teine Keijinkai Hospital, Sapporo)

CRAS-P2-2 A Case of Prosthetic Pulmonary Valve Endocarditis Diagnosed by 18F-FDG-PET/CT

Hiroyuki Natsui (Department of Cardiology, Japanese Red Cross Kitami Hospital, Kitami)

CRAS-P2-3 Primary Pericardial Mesothelioma Presenting as Constrictive Pericarditis

Taishi Yamamoto (Department of Cardiovascular Medicine, Faculty of Medical Sciences, Kyushu University, Fukuoka)

CRAS-P2-4 A Case of Cardiac Tumor Showing a Fulminant Myocarditis-like Course

Atsuki Nomura (Department of Cardiology, Jikei University Daisan Hospital, Komae)

CRAS-P2-5 Successful Treatment of Pulmonary Arterial Hypertension with Thalidomide in Patient with POEMS Syndrome

Nana Hiraki (Department of Cardiology, Kashiwa Hospital, Jikei University School of Medicine, Kashiwa)

Case Report Award Session (CRAS) Poster 3

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 2 (Osaka International Convention Center, 3F, Event Hall E)

Internal Medicine Session 2

Chairperson :

Fusako Sera (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

CRAS-P3-1 A Rare Case of Unstable Angina Due to Spontaneously Developed Multivessel Coronary Artery Dissection

Kyoko Kawano (Department of Cardiology and Clinical Examination, Oita University, Yufu)

CRAS-P3-2 Decreased Coronary Flow Velocity in a Patient with Coronary Microvascular Spasm

Seina Yagyu (Department of Cardiology, Nihon University Hospital, Tokyo)

CRAS-P3-3 The Strict Management of Low-Density Lipoprotein Cholesterol in Heterozygous Familial Hypercholesterolemia for the Secondary Prevention of Cardiovascular Disease

Takuro Abe (Department of Cardiology, Tokyo Women's Medical University Hospital, Tokyo)

CRAS-P3-4 The Findings of Cardiac Complications Led the Diagnosis of Fabry Disease in a Patient with Repeated Renal Transplantation

Takanobu Yamada (Cardiovascular Center, Toranomon Hospital, Tokyo)

CRAS-P3-5 ICD-resistance due to Increasing Shock Impedance after Frequent Shock Deliveries from S-ICD for VF Storm in a Brugada Syndrome Case

Yasuhisa Nakao (Department of Cardiology, Hiroshima City Hiroshima Citizens Hospital, Hiroshima)

March
23
PM

Poster Session (English) 1 (IM)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

CT/MRI (Coronary/Vascular) 1

Chairperson :

Hideya Yamamoto (Department of Cardiovascular Medicine, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima)

- PE001-1 Predictors for Presence of Coronary Artery Disease in Patients with Atrial Fibrillation Undergoing Radiofrequency Catheter Ablation**
Yasuhiro Matsuda (Cardiovascular Center, Kansai Rosai Hospital, Amagasaki)
- PE001-2 Frequency of Enhanced FDG Uptake at the Site of Intra-coronary Stent**
Yoshihiro Takeda (Department of Cardiology, Osaka Medical College, Takatsuki)
- PE001-3 Mismatch between Magnetic Resonance Coronary Angiography and Coronary Angiography**
Arata Sano (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)
- PE001-4 Increased Epicardial Fat Volume Enhances a Predictive Value of Long-term Coronary Morbidity in Non-obstructive Coronary Artery Disease**
Atsuhiro Senoo (Department of Cardiovascular Medicine, Division of Medicine, Biomedical Sciences Major, Graduate School of Biomedical & Health Sciences, Hiroshima University, Hiroshima)
- PE001-5 CT Derived Fractional Flow Reserve may Reduce Invasive Coronary Angiography in Patients with Moderately Elevated Calcium Score**
Yoichi Kijima (Department of Cardiology, Osaka Saiseikai Nakatsu Hospital, Osaka)
- PE001-6 High Prevalence of Coronary Stenosis in Coronary Artery Calcification Score 0 Group: Chest Symptom and Moderate-High Suita Score Recommend Angiography**
Shinya Ikeda (Department of Cardiology, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)
- PE001-7 Mitral Annular Calcium, Aortic Valve Calcium, and Thoracic Aortic Calcium: Their Association with Coronary Characteristics**
Koichiro Iwasaki (Department of Cardiology, Ako Central Hospital, Ako)

Poster Session (English) 2 (IM)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Echo/Doppler (Others) 1

Chairperson :

Yoko Miyasaka (Department of Medicine II, Kansai Medical University, Hirakata)

- PE002-1 The Time Course of Biventricular Remodeling after Transcatheter Atrial Septal Defect Closure: Three-Dimensional Echocardiographic Mid-term Follow-up Study**
Michiyo Yamano (Department of Cardiovascular Medicine, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto)
- PE002-2 Gender Differences in the Change in Left Ventricular Function with Aging**
Takuya Hasegawa (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
- PE002-3 Efficacy of Mitral Annular Area Assessment by 3-dimensional Transesophageal Echocardiography to Predict Recurrence of Atrial Fibrillation after Catheter Ablation**
Masahiro Yamada (Cardiology and Nephrology, Hirosaki University Graduate School of Medicine, Hirosaki)
- PE002-4 Right Ventricular Function Predicts Beneficial Effects of Cardiac Rehabilitation in Patients with Chronic Heart Failure**
Hiromitsu Seno (Department of Cardiovascular Medicine, Tokushima University Hospital, Tokushima)
- PE002-5 Echocardiographic Assessment of Right Ventricular Function in Heart Failure with Preserved Ejection Fraction**
Shun Ijuin (Department of Cardiology, Kagoshima Prefectural Satsunan Hospital, Minamisatsuma)
- PE002-6 Left Ventricular Thrombus after Acute Coronary Syndrome: Incidence, Predictors and Outcome in the Era of Primary Percutaneous Coronary Intervention**
Tetsuya Asato (Department of Cardiology, Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)
- PE002-7 Higher E/e' Predicts the Requirement of Additional Procedure besides Pulmonary Vein Isolation and Poor Outcomes for Paroxysmal Atrial Fibrillation**
Yuki Osaka (Department of Cardiology, Ome Municipal General Hospital, Ome)

Poster Session (English) 3 (IM)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Nuclear Cardiology (Coronary/Myocardium/PE/Others), Intravascular Imagings

Chairperson :

Masao Moroi (Division of Cardiovascular Medicine, Department of Internal Medicine, Toho University Ohashi Medical Center, Tokyo)

PE003-1 Prognostic Values of 123I-MIBG Myocardial Scintigraphy and Heart Rate Variability in Patients with Heart Failure with Preserved Ejection Fraction

Hidehito Hashimoto (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)

PE003-2 Different Prognostic Values of 2-year-mortality Risk Model and I-123-MIBG Heart-to-mediastinum Ratio for Pump-failure Death and Lethal Arrhythmic Events

Kenichi Nakajima (Department of Nuclear Medicine, Kanazawa University Hospital, Kanazawa)

PE003-3 Clinical Impact of the ¹⁸F-fluorodeoxyglucose (¹⁸F-FDG) Uptake in Right Ventricle for Cardiac Sarcoidosis.

Kenzaburo Nakajima (Department of Cardiovascular Medicine, National Cardiovascular Center, Suita)

PE003-4 Comparison of Coronary Angioscopic Findings between 2 Kinds of Third-Generation Drug Eluting Stents

Keisuke Yasumura (Osaka Rosai Hospital, Sakai)

PE003-5 Long-term Outcome of Nonobstructive Hypertrophic Cardiomyopathy: Role of Left Ventricular Functional Changes during Exercise Using Continuous Left Ventricular Function Monitoring

Hiroshi Wakabayashi (Department of Nuclear Medicine, Kanazawa University Hospital, Kanazawa)

PE003-6 Optimal 1-day Protocol of Myocardial Perfusion Imaging: Comparison between the Stress-first and the Rest-first Protocols

Emi Tateishi (Department of Radiology, National Cerebral and Cardiovascular Center, Suita)

Poster Session (English) 4 (MD)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Lipid Disorders 1

Chairperson :

Morihiro Matsuda (Department of General Medicine, Kawasaki Hospital, Kobe)

PE004-1 Triglyceride/High-Density Lipoprotein Cholesterol Ratio in the Chronic Phase can Affect Subsequent Cardiac Events in Patients Undergoing Percutaneous Coronary Intervention.

Gen Tanabe (Department of Cardiovascular Medicine, The Cardiovascular Institute, Tokyo)

PE004-2 Lipid Characteristics of Coronary Artery Disease Patients with Normocholesterolemia

Jo Kato (Department of Cardiology, Mito Kyodo Hospital, Mito)

PE004-3 The Role of Plasma Lipoprotein Lipase, Hepatic Lipase and GPIIb/IIIa in the Metabolism of Remnant Lipoproteins and Small Dense LDL

Yuji Muraba (Cardiovascular Internal Medicine, Hidaka Hospital, Takasaki)

PE004-4 Ten-year Outcomes and Prognostic Impact of Optimal LDL-cholesterol Control after Coronary Revascularization with First Generation DES

Toshinori Higashikata (Department of Cardiovascular Medicine, Komatsu Municipal Hospital, Komatsu)

PE004-5 The Hypercholesterolemia Paradox in Percutaneous Coronary Intervention: Analysis of A Multicenter PCI Registry

Tomoyuki Umemoto (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)

PE004-6 External Validation of Pooled Cohort Equations Using SPRINT Study Data

Takashi Kuragaichi (Department of Cardiology, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)

PE004-7 Omega-3 Fatty Acids Added on a Statin Progress Coronary Artery Calcium Density Determined by CT: Comparison with a Statin Alone

Takashi Miki (Department of Cardiovascular Medicine, Okayama University Graduate School of Medicine, Okayama)

Poster Session (English) 5 (MD)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Lipid Disorders 2

Chairperson :

Kiyoshi Hibi (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

- PE005-1 Relationships between Cholesterol Uptake Capacity, a Novel Indicator for HDL Functionality, and Morphologic Features of Coronary Plaque**
Toshihiko Oshita (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)
- PE005-2 The Sugar-sweetened Beverage-induced Increases in Postprandial Triglycerides is Associated with Elevation of Endothelial Lipase and Impairs Cholesterol Efflux Capacity**
Kenta Mori (Clinical Department of General Internal Medicine, Kobe University Hospital, Kobe)
- PE005-3 Identification of Determinants of Cholesterol Uptake Capacity, a Novel Indicator for HDL Functionality**
Toshihiko Oshita (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)
- PE005-4 Add-on Ezetimibe Treatment vs High-intensity Statin Monotherapy in Coronary Artery Disease Patients with Poorly Controlled Dyslipidemia under Conventional Statin Therapy**
Ryota Hashimoto (Department of Cardiovascular Medicine, Dokkyo Medical University, Shimotuga)
- PE005-5 Serum Malondialdehyde-Modified LDL Level on Admission is a Prognostic Marker of Patients with Acute Coronary Syndrome**
Naofumi Amioka (Department of Cardiovascular Medicine, Okayama University, Okayama)
- PE005-6 Impact of Statins in Patients with Coronary Artery Disease Underwent Cardiac Catheterization or Surgical Procedure: From SHINANO-CABG Registry**
Tomoaki Mochidome (Department of Cardiovascular Medicine, Shinshu University, Matsumoto)
- PE005-7 Novel Mechanism of Regulation of the 5-lipoxygenase/Leukotriene B₄ Pathway by High-density Lipoprotein in Macrophages**
Shigeyasu Tsuda (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)

Poster Session (English) 6 (A)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Arrhythmia, Others (Clinical/Diagnosis/Treatment) 1

Chairperson :

Satoshi Nagase (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

- PE006-1 Clinical Impact of Emergency Magnetic Resonance Imaging Procedure for Patients with MRI Conditional Cardiac Implantable Electronic Devices.**
Satoshi Hara (Department of Cardiology, Kameda Medical Center, Kamogawa)
- PE006-2 Remote Real-time Annotation/Voice Advice for Cardiovascular Interventions by Using Telemedicine System ~The First Experience in Japan~**
Toru Adachi (Internal Medicine, Kamisu Saiseikai Hospital, Kamisu)
- PE006-3 Safety and Efficacy of the Leadless Transcatheter Pacing System: Single Center Initial Experience**
Takahiko Kinjo (Department of Cardiology, Hirotsuki University Graduate School of Medicine, Hirotsuki)
- PE006-4 True Right Ventricular Lead Tip Position Confirmed by Thoracic CT and Its Prognostic Effect in Patients with Complete Atrioventricular Block**
Masayuki Hattori (Department of Cardiology, Yokohama Rosai Hospital, Kanagawa)
- PE006-5 Predictors of Transvenous Lead Extraction Requiring a Primary Hybrid Inferior-Superior Approach**
Tsuyoshi Isawa (Department of Cardiology, Sendai Kousei Hospital, Sendai)
- PE006-6 Risk Predictors of Supraventricular Tachycardia and Bradycardia Necessitating Therapy in Patients with Unexplained Syncope Receiving Implantable Loop Recorder.**
Tatsuya Onuki (Division of Cardiology, Department of Medicine, Showa University, Tokyo)
- PE006-7 Atrioventricular Conduction Recovery after Permanent Pacemaker Implantation for Complete Atrioventricular Block: Importance of One-month Check-up**
Kana Nakashima (Department of Cardiology, Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)

Poster Session (English) 7 (A)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Arrhythmia, Others (Clinical/Diagnosis/Treatment) 2

Chairperson :

Takeshi Shirayama (Division of Cardiovascular Medicine, Kyoto Prefectural University of Medicine, Kyoto)

PE007-1 How should We Evaluate Arrhythmic Risk in Long QT Syndrome Type 1?: Data from a Nationwide Japanese LQT Registry

Asami Kashiwa (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

PE007-2 Real World Indication for Subcutaneous Implantable Cardioverter-defibrillator in the Japanese Patients at Risk of Sudden Death: Comparison with Transvenous Cardioverter-defibrillator

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

PE007-3 Intraventricular Conduction Delay Predicts Recurrence in the Patients with Idiopathic Ventricular Fibrillation

Masaya Watanabe (Department of Cardiology, Hokkaido University Hospital, Sapporo)

PE007-4 J Point Elevation in High Precordial Leads is Associated with Risk of Ventricular Fibrillation

Yuki Hasegawa (Department of Cardiovascular Biology and Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata)

PE007-5 The Relationship with Scar Location and QRS Morphology of Ventricular Tachycardia in Patients with Hypertrophic Cardiomyopathy

Atsuyuki Watanabe (Department of Cardiology, Okayama University, Okayama)

PE007-6 Magnetic Resonance Imaging Demand and Actual Scan in Cardiac Implantable Electronic Device Patients.

Satoshi Hara (Department of Cardiology, Kameda Medical Center, Kamogawa)

PE007-7 Association between Recurrence of Ventricular Fibrillation and Response of J-point Amplitude to Pharmacological Stress Testing in Patients with J-wave Syndrome

Kyoko Kawano (Department of Cardiology and Clinical Examination, Oita University, Yufu)

Poster Session (English) 8 (A)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Atrial/Supraventricular Arrhythmia (Clinical/Pathophysiology) 1

Chairperson :

Naoya Oketani (Department of Cardiology, Kagoshima City Hospital, Kagoshima)

PE008-1 Is an "OFF and On" Switch-like Interaction between Typical and Superior Slow Pathways Present?

Shuntaro Tamura (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

PE008-2 Predictive Factors for Termination of Atrial Fibrillation Due to Electrogram-Guided Substrate Ablation in Patients with Persistent Atrial Fibrillation

Masahito Suzuki (Department of Cardiology, National Disaster Medical Center, Tokyo)

PE008-3 Indoxyl Sulfate Associates with Atrial Fibrillation Recurrence after Catheter Ablation

Fumi Yamagami (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

PE008-4 Skeletal Muscle Proteolysis in Patients with Atrial Fibrillation

Masayuki Koshikawa (Department of Cardiology, Fujita Health University, Toyoake)

PE008-5 Prevalence and Prognosis of Asymptomatic Coronary Artery Disease in Patients Undergoing Catheter Ablation for Atrial Fibrillation

Hiroyuki Inoue (Department of Cardiology, Sakurabashi Watanabe Hospital, Osaka)

PE008-6 Anatomic Characteristic of Pulmonary Veins Stenosed after Cryoballoon Pulmonary Vein Ablation

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

PE008-7 Catheter Ablation for Atrial Fibrillation in Patients with Sick Sinus Syndrome

Masahiro Hada (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

Poster Session (English) 9 (A)

March 23 (Fri) 15 : 00–15 : 50

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Atrial/Supraventricular Arrhythmia (Clinical/Treatment) 1

Chairperson :

Taishi Kuwahara (Tokyo Heart Rhythm Clinic, Tokyo)

- PE009-1 The Efficacy of the 4th Generation Remote Magnetic Navigated Ablation Using Steerable Sheath for Paroxysmal Atrial Fibrillation at One-year Follow-up**
Kohei Yamashiro (Heart Rhythm Center, Takatsuki General Hospital, Takatsuki)
- PE009-2 Incidences of Non-pulmonary Vein Foci and Pulmonary Vein Reconnection after Radiofrequency Catheter Ablation and Cryoballoon Ablation: A Propensity Score-matched Analysis**
Rintaro Hojo (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)
- PE009-3 A Novel Method to Decrease the Risk of Phrenic Nerve Injury in Pulmonary Vein Isolation by Cryoballoon**
Takuro Nishimura (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- PE009-4 Superiority of Anchoring the Achieve Catheter into the Right Superior Pulmonary Vein during Cryoballoon-guided Linear Ablation at Left Atrial Roof**
Yasuteru Yamauchi (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- PE009-5 Spatial Relationship between Right-Inferior Pulmonary Vein and Right Atrium-SVC Junction and Its Influence on Cryo-balloon Ablation in Paroxysmal Atrial Fibrillation**
Tomihisa Nanao (The Division of Cardiology, Department of Medicine, Tokai University Hachioji Hospital, Tokyo)
- PE009-6 The Clinical Implication of Electrical Isolation of the Left Atrial Posterior Wall Created by the Cryoballoon for Persistent Atrial Fibrillation**
Takuro Nishimura (Department of Cardiology, Japan Red Cross Yokohama City Bay Hospital, Yokohama)
- PE009-7 Electrical Reconductions of Pulmonary Vein and Extra-PV Triggers after Second-generation Cryoballoon Isolation**
Masao Yamaguchi (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

Poster Session (English) 10 (A)

March 23 (Fri) 15 : 00–15 : 50

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Atrial/Supraventricular Arrhythmia (Clinical/Treatment) 2

Chairperson :

Itsuro Morishima (Department of Cardiology, Ogaki Municipal Hospital, Ogaki)

- PE010-1 The Novel Index Including Contact Force, Time and Radiofrequency Power for Pulmonary Vein Isolation in Patients with Atrial Fibrillation**
Seiichiro Matsuo (Division of Cardiology, Department of Internal Medicine, The Jikei University School of Medicine Katsushika Medical Center, Tokyo)
- PE010-2 Advantage of Ablation Index, a Novel Quantitative Radiofrequency Lesion Marker, over Force-Time Integral in Catheter Ablation for Atrial Fibrillation.**
Hideharu Okamatsu (Division of Cardiology, Saiseikai Kumamoto Hospital Cardiovascular Center, Kumamoto)
- PE010-3 Optimal Lesion Size Index (LSI) for Eliminating Gap Formation in Pulmonary Vein Isolation**
Naomi Kanamori (Department of Cardiovascular Medicine, NHO Kanazawa Medical Center, Kanazawa)
- PE010-4 Relationship between Early and Late Recurrence after Atrial Fibrillation Ablation of Cardiomyopathy, Sleep-Disorder Breathing, or Hemodialysis: From KPAF Registry**
Naoaki Onishi (Department of Cardiology, Otsu Red Cross Hospital, Otsu)
- PE010-5 Is Termination of Atrial Fibrillation Appropriate Endpoint in Catheter Ablation for Persistent Atrial Fibrillation ?**
Shu Yamashita (Department of Cardiology, National Hospital Organization Disaster Medical Center, Tachikawa)
- PE010-6 Relation between Atrial Activation Time and Recurrence of Atrial Fibrillation after Catheter Ablation**
Shinya Sugiura (Department of Cardiology, Matsusaka Chuo Hospital, Matsusaka)
- PE010-7 Comparison of Acute and Long-term Outcome among Cryoballoon, Hot Balloon, and Radiofrequency Catheter Ablation for Paroxysmal Atrial Fibrillation**
Kazuhiro Nagaoka (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka)

Poster Session (English) 11 (A)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Arrhythmia, Others (Clinical/Diagnosis/Treatment) 3

Chairperson :

Meiso Hayashi (Mabori Medical Clinic, Yokosuka)

PE011-1 Clinical Aspects of Atrial Fibrillation and Cerebrovascular Accident Patients in Geriatric Nursing Home

Akira Kurita (Geriatric Home Musasino Tokushuen, Nishitokyo)

PE011-2 Low-Voltage Area as an Alternative Target of the Ablation for Unmappable Atrial Tachycardia after Pulmonary Vein Isolation

Masaharu Masuda (Cardiovascular Center, Kansai Rosai Hospital, Amagasaki)

PE011-3 Left Atrial (LA) Function Improves after Low Voltage Zone (LVZ) Ablation unless LA Anterior Line is Created

Toyokazu Otsubo (EP Expert Doctors-Team Tsuchiya, Kumamoto)

PE011-4 The Correlation between Left Atrial Low Voltage Zone and Left Atrial Appendage Flow Velocity in Patients with Atrial Fibrillation

Takuya Omuro (Faculty of Health Sciences, Yamaguchi University Graduate School of Medicine, Ube)

PE011-5 Clinical and Genetic Characteristics of Brugada Syndrome in Children Including Those Diagnosed at a School-based Electrocardiographic Screening Program

Junichi Ozawa (Department of Pediatrics, Niigata University Graduate School of Medical and Dental Sciences, Niigata)

PE011-6 Efficacy and Safety Outcomes of Catheter Ablation of Non-valvular Atrial Fibrillation in Korean Practice: Analysis of Nationwide Claims Data

Sung-Won Jang (The Catholic University of Korea, Korea)

PE011-7 Prevalence of Arrhythmias among Hospitalized Patients with Congenital Heart Diseases

Tran_Hai Yen (Vietnam National Heart Institute, Viet Nam)

Poster Session (English) 12 (A)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

ECG/Body Surface Potential Mapping/Holter

Chairperson :

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

PE012-1 Heart Rate Variability Using Fetal Magnetocardiography in Fetuses Exposed to Maternal Anti-SSA Antibodies

Yoshiaki Kato (Department of Child Health, Division of Clinical Medicine, Faculty of Medicine, University of Tsukuba, Tsukuba)

PE012-2 Fragmented QRS as the Predictor of Myocardial Fibrosis Detected by Late Gadolinium Enhancement in Patients with Non-ischemic Heart Disease

Yuki Osaka (Department of Cardiology, Ome Municipal General Hospital, Ome)

PE012-3 T-wave Alternans is Useful for the Risk Stratification of Hospitalized Patients with Heart Failure

Shinya Yamada (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

PE012-4 Comparison of Electrocardiographic Findings between ST-elevation Myocardial Infarction Due to Left Main Trunk and Left Anterior Descending Artery Lesion

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

PE012-5 Coefficient of Variation of P-wave Duration Measured Using Automated Measurement System Predicts Early Recurrence of Atrial Fibrillation after Catheter Ablation

Yosuke Nakatani (Second Department of Internal Medicine, University of Toyama, Toyama)

PE012-6 Notched P Wave Component is a New Electrocardiographic Marker for Recurrence of Atrial Fibrillation after Electrical Cardioversion

Yuhi Fujimoto (Department of Cardiovascular Medicine, Nippon Medical School, Tokyo)

PE012-7 T-wave Changes Caused by Cardiac Memory after Successful Ablation of Ventricular Premature Contractions from Right Ventricular Outflow Tract

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

March
23
PM

Poster Session (English) 13 (CAD)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

ACS/AMI (Clinical/Diagnosis) 1

Chairperson :

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

PE013-1 Gender Differences in the Prognostic Value of Malnutrition and Sarcopenia in Patients with Acute Coronary Syndrome

Atsushi Kikuchi (Division of Cardiology, Osaka General Medical Center, Osaka)

PE013-2 Withdrawn

PE013-3 Percutaneous Coronary Intervention Procedural Predictors of Psychiatric Disorder after Acute Coronary Syndrome: Results from the COMPAC

Taku Fukushima (Department of Cardiology, National Hospital Organization Disaster Medical Center, Tokyo)

PE013-4 Plaque Characteristics in Hyperinsulinemia Patients with Acute Myocardial Infarction. An Optical Coherence Tomography Study

Tatsuya Nunohiro (Department of Cardiovascular Medicine, Nagasaki Harbor Medical Center, Nagasaki)

PE013-5 The Role of Echocardiographic Assessment of Left Atrial Function in Patients with a First ST Elevation Acute Myocardial Infarction

Noriaki Iwahashi (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

PE013-6 Impact of Decreased Ankle-brachial Index on In-hospital Bleeding Complication and Long-term Prognosis in Patients with Acute Coronary Syndrome

Takuya Nakahashi (Department of Cardiology, Kanazawa Cardiovascular Hospital, Kanazawa)

PE013-7 Strong Correlation of Native T1 Values with Extracellular Volume and Late Gadolinium Enhancement in Patients with Reperfused Acute Myocardial Infarction

Hiroshi Hashimura (Department of Radiology, Nishinomiya Watanabe Cardiovascular Center, Nishinomiya)

Poster Session (English) 14 (CAD)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

ACS/AMI (Clinical/Treatment) 1

Chairperson :

Hiroshi Suzuki (Division of Cardiology, Department of Internal Medicine, Showa University Fujigaoka Hospital, Yokohama)

PE014-1 Radial versus Femoral Access with or without Vascular Closure Device in Patients with Acute Myocardial Infarction: Propensity Score Matched Analysis

Bo Eun Park (Department of Cardiology, Kyungpook National University Hospital, Korea)

PE014-2 Impact of Malnutrition on Adverse Clinical Outcomes in Patients with ST-elevation Myocardial Infarction

Dai Yamamoto (Department of Cardiology, Toyota Memorial Hospital, Toyota)

PE014-3 Safety of Early Discharge from Patients with Low-risk ST-elevation Myocardial Infarction

Takanori Sato (Department of Cardiology, Eastern Chiba Medical Center, Tougane)

PE014-4 Audit Referral System for Secondary Prevention of Ischemic Heart Disease

Shigetaka Kageyama (Department of Cardiology, Shizuoka City Shizuoka Hospital, Shizuoka)

PE014-5 The Obesity Paradox in Japanese with Acute Coronary Syndrome

Naohiko Nemoto (Division of Cardiovascular Medicine, Ota Memorial Hospital, Ota)

PE014-6 Comparison of 2-year Clinical Outcomes between Bare-metal Stent and Second Generation Drug-eluting Stent Implantation for Patients with Acute Coronary Syndrome

Yasuhiro Honda (Department of Cardiology, Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)

PE014-7 Pulmonary Hypertension in Systemic Lupus Erythematosus: Clinical Characteristics and Response to Immunosuppressive Treatment.

Tran Thi Linh Tu (Hanoi Heart Hospita, Viet Nam)

Poster Session (English) 15 (CAD)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Angina Pectoris (Clinical) 1

Chairperson :

Shigeki Kimura (Division of Cardiology, Kameda Medical Center, Kamogawa)

PE015-1 Comparison of Angiographic Findings between Acetylcholine-provoked and Spontaneous Coronary Artery Spasm

Manabu Kurabayashi (Division of Cardiology, Japan Red Cross Society Yokohama City Minato Red Cross Hospital, Yokohama)

PE015-2 The Acetylcholine Administration Time is the Key Role for Provoked Spasm as a Spasm Provocation Test

Shozo Sueda (Cardiology, Ehime Prefectural Niihama Hospital, Niihama)

PE015-3 Midterm Clinical and Angiographic Outcomes of Current Advanced-limus-eluting Stents for Patients with Hemodialysis -Retrospective Comparisons with Paclitaxel-eluting Stents-

Takayuki Yamada (Department of Cardiology, Fuji City General Hospital, Fuji)

PE015-4 Comparison between Noninvasive FFR Derived from Coronary CT Angiography and Invasive FFR in Patients with Stable Coronary Artery Disease

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

PE015-5 Factors Associated with Total Volume of Contrast Use in Percutaneous Coronary Intervention

Chisato Sato (Division of Cardiology, Cardiovascular Center, Showa University Koto-Toyosu Hospital, Tokyo)

PE015-6 Low-Speed Rotational Atherectomy Did not Decrease the Microcirculatory Injury Compared to Moderate-Speed Rotational Atherectomy: A Single Center Randomized Trial

Takayuki Ishihara (Cardiovascular Center, Kansai Rosai Hospital, Amagasaki)

PE015-7 Reevaluation of Acetylcholine Spasm Provocation Testing in the Clinical Practice

Shozo Sueda (Cardiology, Ehime Prefectural Niihama Hospital, Niihama)

Poster Session (English) 16 (CAD)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

ACS/AMI (Clinical/Pathophysiology) 1

Chairperson :

Kazuhiko Nishigaki (Department of Cardiology, Gifu University Graduate School of Medicine, Gifu)

PE016-1 Clinical Characteristics and Neointimal Morphologies Assessed by Optical Coherence Tomography in Patients with Stent Failure as Acute Coronary Syndrome

Makoto Araki (Department of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)

PE016-2 High Serum Levels of Total Bilirubin at Discharge are Associated with Good Outcome in Patients with ST-segment Elevation Myocardial Infarction.

Fumie Nishizaki (Department of Cardiology and Nephrology, Hirosaki University School of Medicine, Hirosaki)

PE016-3 Comparison of Long-term Outcomes among the Patients with Early, Late, and Very Late Stent Thrombosis.

Hirokazu Miyashita (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)

PE016-4 The Impact of Arterial Stiffness on Heart Failure at Admission in Patients with Acute Myocardial Infarction

Jin Kirigaya (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

PE016-5 Predictors of Optimal Coronary Flow after Primary Percutaneous Coronary Intervention in Acute Myocardial Infarction with Occluded Culprit

Jun Shiraishi (Department of Cardiology, Kyoto First Red Cross Hospital, Kyoto)

PE016-6 Prevalence and Predictor of Late Ventricular Arrhythmias after Acute Myocardial Infarction

Masashi Takahashi (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)

March
23
PM

Poster Session (English) 17 (CAD)

March 23 (Fri) 15:00–15:50

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Coronary Revascularization/PCI (Restenosis/Others) 1

Chairperson:

Nobuaki Suzuki (Fourth Department of Internal Medicine, Teikyo University Hospital, Mizonokuchi, Kawasaki)

- PE017-1 The Influence of Coronary Spasm Induced by 1st Generation Drug Eluting Stents for Long-term Prognosis**
Tokutada Satoh (Department of Cardiology, Showa University Fujigaoka Hospital, Yokohama)
- PE017-2 The Incidence and Risk Factors of Percutaneous Coronary Intervention Procedures in Patients with Atrial Fibrillation: The Fushimi AF Registry**
Mitsuru Abe (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)
- PE017-3 Adjunctive Effect of Excimer Laser Coronary Angiography for Treatment of In-stent Restenosis with Drug-coated Balloon**
Junji Matsuda (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama)
- PE017-4 Serial OCT Examination of In-Stent Restenosis Treated with Drug-Coated Balloon Angioplasty**
Teruyoshi Kume (Department of Cardiology, Kawasaki Medical School, Kurashiki)
- PE017-5 Laser and Adjunctive Balloon Angioplasty for First or Recurrent Coronary In-Stent Restenosis**
Hiroshi Ueda (Department of Cardiovascular Medicine, Koseikai Takai Hospital, Tenri)
- PE017-6 Assessment of Procedural Factors That Affect Hemodynamically Significant Stenosis of the Left Circumflex Artery Ostial Lesion after Left Main Stenting.**
Akihiro Nakajima (Interventional Cardiology Unit, New Tokyo Hospital, Matsudo)
- PE017-7 New Procedure of Removing ECMO Cannula**
Yumiko Kawakubo (Department of Cardiology, Saiseikai Utsunomiya Hospital, Utsunomiya)

Poster Session (English) 18 (CAD)

March 23 (Fri) 15:00–15:50

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Coronary Revascularization/PCI (Complex Lesions) 1

Chairperson:

Yoshinobu Murasato (Department of Cardiology, National Kyushu Medical Center, Fukuoka)

- PE018-1 Impact of Treatment Procedure and Gender on Long-Term Outcomes of Multivessel Coronary Artery Disease Patients: Insights from the SHINANO-CABG Study**
Hisanori Yui (Department of Cardiovascular Medicine, Ina Central Hospital, Ina)
- PE018-2 Prognostic Impact of Successful Revascularization of a Coronary Chronic Total Occlusion: Assessment of Left Atrium Volume**
Satoshi Watanabe (Division of Cardiology, Kusatsu Heart Center, Kusatsu)
- PE018-3 Usefulness of the SYNTAX Score-II in Predicting Long-Term Outcomes among Patients Undergoing Percutaneous Coronary Intervention for Chronic Total Occlusion**
Ryo Okubo (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)
- PE018-4 Long-Term Clinical Outcomes after Percutaneous Coronary Intervention for Long Lesions in Hemodialysis Patients in Second-generation Drug-Eluting Stent Era**
Kanintorn Soontornthada (Department of Cardiology, Tokyo Women Medical University Hospital, Tokyo)
- PE018-5 Impact of Renal Function on Outcomes after Stent Implantation for Left Main Coronary Artery**
Akimune Kuwayama (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)
- PE018-6 Four-Year Clinical Outcomes of Patients Underwent Percutaneous Coronary Intervention for Severely Calcified Lesions with Rotational Atherectomy and Second-Generation Drug-Eluting Stent**
Kenji Ogata (Department of Cardiology, Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)
- PE018-7 Relationship between Intravascular Ultrasound Findings and Outcome after Second-Generation Drug-Eluting Stents Placement for the Right Coronary Artery Ostial Lesion**
Shinsuke Mouri (Department of Cardiology, Saiseikai Yokohama City Eastern Hospital, Yokohama)

Poster Session (English) 19 (CAD)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 5 (Osaka International Convention Center, 10F, 1008)

Coronary Revascularization/PCI (Restenosis/Others) 2

Chairperson :

Akira Matsuura (Department of Cardiology, Akashi Medical Center, Akashi)

PE019-1 Comparison of New-Onset Atrial Fibrillation in Patients Undergoing Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting

Kyoko Shouin (Department of Cardiology, Aizawa Hospital, Matsumoto)

PE019-2 Quantitative Flow Ratio Obtained from 3D Computational Quantitative Coronary Angiography might Overestimate or Underestimate Invasive Fractional Flow Reserve

Yoshinori Kanno (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyodo Hospital, Tsuchiura)

PE019-3 Neoatherosclerosis Evaluated by Optical Coherence Tomography Impacts on the Mid-term Outcome for the Lesions with In-stent Restenosis

Daisuke Nakamura (Division of Cardiology, Osaka Rosai Hospital, Sakai)

PE019-4 The Efficacy of Drug-coated Balloon for the Patients on Hemodialysis

Hiroyuki Kiriya (Department of Cardiology, University of Tokyo, Bunkyo)

PE019-5 Assessment of Late Lumen Enlargement with Optical Coherence Tomography after Paclitaxel-coated Balloon Angioplasty for In-Stent Restenotic Lesions

Toru Miyazaki (Department of Cardiology, Ome Municipal General Hospital, Tokyo)

PE019-6 The Association between Triglyceride/High-Density Lipoprotein Cholesterol Ratio and Long-term Prognosis in Patients Undergoing Percutaneous Coronary Intervention

Gen Tanabe (Department of Cardiovascular Medicine, The Cardiovascular Institute, Minato)

Poster Session (English) 20 (HF)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Valvular Heart Disease/Pericarditis/Cardiac Tumor 1

Chairperson :

Hisayo Yasuda (Department of Laboratory Medicine, Kumamoto University, Kumamoto)

PE020-1 Prognosis of Hemodialysis Patients with Aortic Stenosis

Sayuri Yamabe (Department of Cardiovascular Medicine, Kaikoukai Healthcare Corporation, Nagoya Kyoritsu Hospital, Nagoya)

PE020-2 Gender-related Differences in Mortality and Left Ventricular Remodeling after Transcatheter Aortic Valve Implantation in Japanese Patients: The OCEAN-TAVI Registry

Koki Shishido (Department of Cardiology, Shonan Kamakura General Hospital, Kamakura)

PE020-3 Plasma Myeloperoxidase Levels are Inversely Correlated with Serum High-Density Lipoprotein-Associated Para-oxonase-1 Levels in Patients with Aortic Valve Stenosis

Tsukasa Matsushita (Department of Cardiology, Osaka City General Hospital, Osaka)

PE020-4 Impact of Left Atrial Function on Worsening Heart Failure after Transcatheter Aortic Valve Implantation in Patients with Severe Aortic Stenosis

Nobuhiko Haruki (Department of Molecular Medicine and Therapeutics, Tottori University, Faculty of Medicine, Yonago)

PE020-5 Predictor of Rehospitalization for Heart Failure after Transcatheter Aortic Valve Implantation

Yohsuke Honda (Department of Cardiology, Saiseikai Yokohama-city Eastern Hospital, Yokohama)

PE020-6 Quantitative Analysis of a Calcified Amorphous Tumor of the Heart Using Multi-detector Computed Tomography

Hiroshi Fukushima (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

PE020-7 Short and Long Term Prognosis of Trans-catheter Aortic Valve Replacement between Western and Japanese Populations from Real World International Database

Hirotsugu Mitsuhashi (Cardiovascular Center, St Luke's International Hospital, Tokyo)

March
23
PM

Poster Session (English) 21 (HF)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Heart Failure (Diagnosis) 1

Chairperson :

Kaoru Dohi (Department of Cardiology, Mie University Hospital, Tsu)

- PE021-1 Prognostic Value of Heart Rate Variability for Cardiac Events after Discharge in Patients with Congestive Heart Failure**
Tomoko Manno (Department of Cardiology, Yokohama Minami Kyousai Hospital, Yokohama)
- PE021-2 Clinical Features and Management of Super Aging Patients with Heart Failure in the Tokyo Metropolitan Area**
Makoto Takeyama (Department of Cardiology, JCHO Tokyo Shinjuku Medical Center, Tokyo)
- PE021-3 Temporal Changes in Re-admission for Decompensated Heart Failure from 2007 to 2016: Insights from Acute Heart Failure Kyoto Registry**
Takuya Taniguchi (Department of Cardiovascular Medicine, North Medical Center, Kyoto Prefectural University of Medicine, Yosano-cho)
- PE021-4 Lung Thallium-201 Washout Rate after Adenosine Stress Predicts Recurrence of Congestive Heart Failure**
Hiroyuki Namura (Department of Internal Medicine, Kakogawa Central City Hospital, Kakogawa)
- PE021-5 Skin Gas Analysis in Patients with Cardiovascular Diseases**
Tetsuro Yokokawa (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)
- PE021-6 Lower Patient-Reported Quality of Life is not Associated with Worse Post-Discharge Long-term Outcomes in Japanese Acute Heart Failure Patients**
Satoshi Shoji (Department of Cardiology, Keio University School of Medicine, Tokyo)
- PE021-7 Association of Left Ventricular Diastolic Function Using American Society of Echocardiography Recommendation with Readmission in Patients with Heart Failure**
Yuta Torii (Ultrasound Examination Center, Tokushima University Hospital, Tokushima)

Poster Session (English) 22 (HF)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Vascular Disease (Therapy) 1

Chairperson :

Yoshihisa Morimoto (Department of Cardiovascular Surgery, Ako City Hospital, Ako)

- PE022-1 Impact of Left Ventricular Diastolic Dysfunction on Long-term Outcome in Patients with Peripheral Artery Disease and Preserved Ejection Fraction**
Koji Yanaka (Division of Cardiovascular Medicine and Coronary Heart Disease, Hyogo College of Medicine, Nishinomiya)
- PE022-2 Long-Term Clinical Outcomes after Endovascular Therapy for Hemodialysis Patients with Critical Limb Ischemia**
Yosuke Hata (Cardiovascular Center, Kansai Rosai Hospital, Amagasaki)
- PE022-3 Usefulness of Endovascular Stenting for Chronic Iliac Vein Stenotic or Occluded Lesions with Post-Thrombotic Syndrome.**
Yuji Murakami (Cardiovascular Medicine Center, Fukuoka Sanno Hospital, Fukuoka)
- PE022-4 Impact of Vessel Size on Stent Patency Following Self-expanding Stent Implantation in Superficial Femoral Artery Lesions**
Kojiro Miki (Division of Cardiovascular Medicine and Coronary Heart Disease, Hyogo College of Medicine, Nishinomiya)
- PE022-5 Prognostic Impact of Brain Natriuretic Peptide in Peripheral Arterial Disease Patients with or without Left Ventricular Dysfunction, from I-PAD Registry**
Tamon Kato (Department of Cardiology, Shinshu University School of Medicine, Matsumoto)
- PE022-6 Findings from Angioscopy during 2-step Recanalization Technique for In-stent Re-occlusion of Superficial Femoral Artery**
Yoshito Yamamoto (Department of Cardiology, Iwaki Kyoritsu General Hospital, Iwaki)

Poster Session (English) 23 (HF)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Cardiovascular Pharmacology (Clinical)

Chairperson :

Aiko Ogawa (National Hospital Organization Okayama Medical Center, Okayama)

- PE023-1 Triple Antithrombotic Therapy for Elderly Atrial Fibrillation Patients with Coronary Stenting in Current DOAC Era**
Hiroshi Koiwaya (Department of Cardiology, Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)
- PE023-2 Efficacy of Low-dose (3.75mg) Prasugrel in Japanese Patients with End-stage Renal Disease on Hemodialysis Compared to Clopidogrel**
Yuji Ohno (Department of Cardiovascular Medicine, Chiba University Graduate School of Medicine, Chiba)
- PE023-3 Clinical Impact of CHADS2 and HAS-BLED Scores in Patients with Dual-Antiplatelet Therapy and Oral Anticoagulation**
Daisuke Abe (Department of Cardiology, Tokyo Metropolitan Bokutoh Hospital, Tokyo)
- PE023-4 Maintenance Dose of Prasugrel 2.5mg is Appropriate in Elderly or Lower Body Weight Patients Later after PCI Decreases Cardiovascular Event**
Shinichi Wakabayashi (Department of Cardiology, Chiba University Graduate School of Medicine, Chiba)
- PE023-5 Impact of Postdischarge Statin Therapy on Korean Patients with Angina Undergoing Percutaneous Coronary Intervention with Drug-Eluting Stents**
Gyung-Min Park (Department of Cardiology, Ulsan University Hospital, University of Ulsan College of Medicine, Korea)
- PE023-6 Combination of Beta Blocker and Angiotensin Converting Enzyme Inhibitor and Statin 3 Years Later after PCI Decreases Cardiovascular Event**
Tatsuya Saigusa (Department of Cardiovascular Medicine, Shinshu University Hospital, Matsumoto)
- PE023-7 High-intensity Statin Therapy is 'Too Much', Thus not Indicated for the Very Elderly Patients**
Hae-Young Lee (Department of Internal Medicine, Seoul National University Hospital, Korea)

Poster Session (English) 24 (HF)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Calcium Handling, Heart Failure (Basic)

Chairperson :

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

- PE024-1 The Blockade of Beta-3 Adrenergic Receptor Improves Sepsis-Related Heart Failure by Stabilization of the Heart Metabolism**
Satoshi Kawaguchi (Department of Emergency Medicine, Asahikawa Medical University, Asahikawa)
- PE024-2 Macitentan Reverses Impaired Right Coronary Vasodilative Function in SuHx Rat Model of Severe Pulmonary Arterial Hypertension**
Tadakatsu Inagaki (Department of Vascular Physiology, National Cerebral and Cardiovascular Center, Suita)
- PE024-3 Sirt7 Plays a Distinct Role in Cardiomyocyte and Non-cardiomyocyte in Response to Pressure Overload**
Satoru Yamamura (Department of Cardiology, Kumamoto University, Kumamoto)
- PE024-4 Pathogenic Role of Dopamine Receptor D1 in Ventricular Arrhythmia Associated with Heart Failure**
Toshihiro Yamaguchi (Department of Cardiovascular Medicine, University of Tokyo, Tokyo)
- PE024-5 Expression and Roles of N-type Ca^{2+} Channel in Myocytes**
Miyuki Kobara (Department of Clinical Pharmacology, Kyoto Pharmaceutical University, Kyoto)
- PE024-6 Isoforms of Rho-kinase Play Different Roles in Cardiac Muscle**
Taiki Hasegawa (Department of Clinical Physiology, Health Science, Tohoku University Graduate School of Medicine, Sendai)
- PE024-7 Multiplexed Measurement of Cell-type Specific Calcium Dynamics Using High-content Image Analysis**
Yuki Masumura (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

Poster Session (English) 25 (HF)

March 23 (Fri) 15 : 00 – 15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Heart Failure (Laboratory/Biomarkers) 1

Chairperson :

Shigeru Toyoda (Department of Cardiovascular Medicine, Dokkyo Medical University, Mibu)

PE025-1 Prognostic Utility of Urinary Biomarkers Following Decongestive Therapy in Acute Decompensated Heart Failure

Takashi Kuragaichi (Department of Cardiology, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)

PE025-2 Clinical Significance of Qualitative Urinalysis in Chronic Heart Failure

Takamasa Satoh (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

PE025-3 Impact of Renal Tubular Damage, as Assessed by Urinary N-acetyl- β -D-glucosamidase, on Long-term Clinical Outcomes in Patients with Acute Heart Failure

Sayaka Funabashi (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

PE025-4 Relationship between Model for End-stage Liver Disease Excluding INR (MELD-XI) Score and Liver Fibrogenesis Marker in Acute Heart Failure

Kenji Aida (Osaka Red Cross Hospital, Cardiovascular Center, Division of Cardiology, Osaka)

PE025-5 The Association between Changes in Hepatic Function and Outcomes in Acute Heart Failure Patients: A Report from the WET-HF Registry.

Hiroshi Miyama (Department of Cardiology, Keio University Hospital, Tokyo)

PE025-6 Soluble Urokinase Receptor Levels are Associated with the Heart Failure Readmission

Daichi Maeda (Department of Cardiology, Osaka Medical College, Takatsuki)

Poster Session (English) 26 (HF)

March 23 (Fri) 15 : 00 – 15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Heart Failure (Pharmacology) 1

Chairperson :

Kazuhide Ogino (Department of Clinical Laboratory, Tottori University Hospital, Yonago)

PE026-1 Effect of Tolvaptan Therapy on Cardiac Sympathetic Nerve Activity in Patients with Acute Decompensated Heart Failure and Preserved LVEF

Shunsuke Tamaki (Division of Cardiology, Osaka General Medical Center, Osaka)

PE026-2 Characteristics of Patients with Dyspnea Improved by Tolvaptan Treatment

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

PE026-3 Impact of Loop Diuretics Dose Used along with Tolvaptan on Worsening of Renal Function

Yusuke Nakano (Department of Cardiology, Aichi Medical University, Nagakute)

PE026-4 Effects of Tolvaptan on Volume Overload in Patients with Heart Failure: Meta-Analysis of Randomized Controlled Trials

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

PE026-5 Clinical Impact of Additional Tolvaptan to Conventional Diuretic Therapy in Hospitalized Patients with Acute Heart Failure and Impaired Renal Function

Keiko Fukino (The Third Department of Internal Medicine, Teikyo University Chiba Medical Center, Ichihara)

PE026-6 The Peculiar Factor Contributed to the Occurrence of Adverse Events Related to Use of Tolvaptan in Congestive Heart Failure Cases.

Yuichi Kato (Cardiovascular Center, Mitoyo General Hospital, Kanonji)

PE026-7 Lipophilic Statin, but Hydrophilic not, Reduced Muscle Sympathetic Nerve Activity in Heart Failure with Preserved Left Ventricular Ejection Fraction

Hideki Tokuhisa (Department of Disease Control and Homeostasis, Graduate School of Medical Science, Kanazawa University, Kanazawa)

Poster Session (English) 27 (HF)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Vascular Disease (Therapy) 2

Chairperson :

Taketsugu Tsuchiya (Department of Transcatheter Cardiovascular Therapeutics, Kanazawa Medical University, Kahoku)

PE027-1 Clinical Implications of Wifl Composite Score for Critical Limb Ischemia Patients Who Underwent Endovascular Therapy

Tetsuya Asato (Department of Cardiology, Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)

PE027-2 Short-term Prognosis and Risk Stratification of Patients with Critical limb Ischemia; From Single Center MIYAISHI CLI Registry

Tatsuro Takei (Department of Cardiology, Cardiovascular Center, Miyazaki Medical Association Hospital, Miyazaki)

PE027-3 Characteristics of Restenosis after Femoropopliteal Stenting Evaluated by Optical Frequency Domain Imaging

Amane Kozuki (Department of Cardiology, Osaka Saiseikai Nakatsu Hospital, Osaka)

PE027-4 Impact of Large Focal Intimal Disruption on Disease Progression in Patients with Type B Aortic Intramural Hematoma

Kenichi Ishizu (Department of Cardiology, Kobe City Medical Center General Hospital, Kobe)

PE027-5 A Novel Endovascular Treatment for Peripheral Severe Calcified Lesion

Koji Hozawa (Department of Cardiovascular Medicine, New Tokyo Hospital, Matsudo)

PE027-6 Fractional Flow Reserve in Chronic Total Occlusion of Superficial Femoral Artery Associated with Collateral Flow and Degree of Leg Ischemia

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

PE027-7 Clinical Impact of Crosser System for Infrapopliteal Disease in Critical Limb Ischemia Patients

Norihiro Kobayashi (Saiseikai Yokohama-city Eastern Hospital, Yokohama)

Poster Session (English) 28 (HT)

March 23 (Fri) 15 : 00—15 : 50

Poster Presentation Room 7 (Osaka International Convention Center, 10F, 1010)

Kidney/Renal Circulation/CKD 1

Chairperson :

Toshimasa Fujiwara (Department of Medicine, Chiba Saiseikai Narashino Hospital, Narashino)

PE028-1 Serum Cystatin C is Associated with High-risk Plaque Detected by Coronary CT Angiography in Patients with Preserved eGFR

Takashi Miki (Department of Cardiovascular Medicine, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama)

PE028-2 Serum Chloride Levels as a Predictor of Adverse Events in Cardiology Department

Kihei Yoneyama (Division of Cardiology, Department of Internal Medicine, St. Marianna University School of Medicine Toyoko Hospital, Kawasaki)

PE028-3 Prognostic Implications of Post-Discharge Worsening Renal Function in Patients with Acute Coronary Syndromes and Mildly Depressed Renal Function

Syunichi Kushida (Department of Cardiology, Asahi General Hospital, Asahi)

PE028-4 Kidney is an Essential Organ for Clearance of Circulating FABP4

Tatsuya Iso (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

PE028-5 Tolvaptan Decreases Worsening Renal Function (WRF) and Contrast Induced Nephropathy (CIN) in the Patients Who were Performed Cardiac Catheterization

Eiji Ojima (Department of Cardiology, Mito Kyodo General Hospital, Tsukuba University Hospital Mito Clinical Education and Training Center, Mito)

PE028-6 Impact of Daily Salt Intake on Coronary Risk Factors in Patients with Stable Coronary Artery Disease

Yuya Utsugi (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

PE028-7 Correlation between VerifyNow P2Y12 Reaction Unit, Light Transmission Aggregometry and Hemoglobin Level in Hemodialysis Patients

Weon Kim (Kyung Hee University Hospital, Korea)

Poster Session (English) 29 (IM)

March 23 (Fri) 16:50–17:40

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Intravascular Imagings 1

Chairperson :

Tadateru Takayama (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

PE029-1 **Plaque Vulnerability and No-reflow Phenomenon during Percutaneous Coronary Intervention of Coronary Vasa Vasorum in Intravascular Ultrasound**

Hideo Amano (Department of Cardiovascular Medicine, Toho University Graduate School of Medicine, Tokyo)

PE029-2 **Plaque Morphologies and Post-Percutaneous Coronary Intervention Vascular Response of Acute Coronary Syndrome Lesions with Plaque Rapture by Optical Coherence Tomography.**

Shigeki Kimura (Division of Cardiology, Kameda Medical Center, Chiba)

PE029-3 **Implication of High-sensitivity Cardiac Troponin T Elevation in Relation to Diagnostic Invasive Intravascular Imaging for Assessment of Coronary Artery Disease**

Toshiya Miura (The Second Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyusyu)

PE029-4 **Clinical Utility of Combined Optical Coherence Tomography and Near-Infrared Spectroscopy for Assessing the Mechanism of Very Late Stent Thrombosis**

Yasushi Ino (Department of Cardiovascular Medicine, Wakayama Medical University, Wakayama)

PE029-5 **In Vivo Comparison of Qualitative and Quantitative Assessments between High-definition 60 MHz and Conventional 40MHz Intravascular Ultrasound Images**

Toshiya Miura (The Second Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyusyu)

PE029-6 **Comparison of Angioscopic Findings in Early Phase of Second Generation Drug-Eluting Stents and Third Generation Drug-Eluting Stents Implantation**

Takumi Yaguchi (Department of Cardiology, Faculty of Medicine, University of Tsukuba Hospital, Tsukuba)

PE029-7 **Underlying Plaque Morphology is not Associated to Characteristics of Neointima at Stent Edge Sites.**

Rika Kawakami (Department of Surgical Pathology, Hyogo College of Medicine, Nishinomiya)

Poster Session (English) 30 (IM)

March 23 (Fri) 16:50–17:40

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Intravascular Imagings 2

Chairperson :

Toshihiko Nishioka (Department of Cardiology, Saitama Medical Center, Saitama Medical University, Kawagoe)

PE030-1 **Predictors of In-Stent Yellow Plaques after 2nd-Generation Drug-Eluting Stent: The MICASA Study**

Kazuoki Dai (Department of Cardiology, Hiroshima City Hiroshima Citizens Hospital, Hiroshima)

PE030-2 **Angioscopic Estimation of Arterial Repair after Ultimaster Bioabsorbable Polymer Sirolimus-eluting Stents**

Minoru Ichikawa (Department of Cardiology, Higashiosaka City Medical Center, Higashi-osaka)

PE030-3 **Impact of Necrotic Components in Coronary Culprit Lesions Assessed by iMap-intravascular Ultrasound on Cardiovascular Outcomes after Percutaneous Coronary Intervention**

Ryohei Akashi (Department of Cardiovascular Medicine, Nagasaki University Hospital, Nagasaki)

PE030-4 **Clinical and Angiographic Predictors of Calcified Nodule in Patients with End-stage Renal Disease: An Optical Coherence Tomography Study.**

Makoto Watanabe (First Department of Internal Medicine, Nara Medical University, Kashihara)

PE030-5 **Relationship between In-stent Neoatherosclerosis and Plaque Progression in Untreated Non-culprit Lesions after Second-generation Drug-eluting Stents Implantation: Five-year Follow-up OCT Study**

Yoshitaka Muraoka (The Second Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyusyu)

PE030-6 **The Serial OFDI/OCT Analysis of the 2nd Generation DES at Severely Calcified Lesion with Rotational Atherectomy Required -Xience vs Promus**

Yuji Matsuda (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)

PE030-7 The Characteristics of Patients with Irregular Protrusion in Poststent Optical Frequency Domain Imaging

Genaro Shokoku (Department of Cardiovascular Medicine, Okayama City Hospital, Okayama)

Poster Session (English) 31 (MD)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Smoking/Alcohol/Life Style, Stress-psychosomatic Medicine

Chairperson :

Koji Hasegawa (Division of Translational Research, National Hospital Organization Kyoto Medical Center, Kyoto)

PE031-1 Relationship Between Cotinine-verified Second-hand Smoke Exposure and Coronary Artery Calcification in 10,162 Self-reported Never-smokers

Dae Chul Seo (Department of Cardiology Kangbuk Samsung Hospital, Korea)

PE031-2 Vascular Damage and the Degree of Secondhand Smoke Exposure in Non-smoker Patients

Yuichi Fujii (Department of Cardiology, JR Hiroshima Hospital, Hiroshima)

PE031-3 Daytime Napping and Sleep-disordered Breathing were Independently Associated with Elevated C-reactive Protein Levels in Patients with Cardiovascular Diseases

Kohei Sugiura (Department of Cardiology, Keio University School of Medicine, Shinanomachi)

PE031-4 Relationship of Self-reported and Cotinine-verified Smoking Status with Diabetes Mellitus in 145,040 Korean Individuals

Byung Jin Kim (Division of Cardiology, Department of Internal Medicine, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Korea)

PE031-5 Serum Soluble α -klotho Levels were Elevated in Male Smokers but not in Female Smokers

Kaori Nakanishi (Health and Counseling Center, Osaka University, Toyonaka)

PE031-6 Use of the Stroke Cognitions Questionnaire Revised along with Perceived Mental Stress for Predicting Mortality from Stroke

Patraphol Panitvorapume (Medical School, Osaka University, Suita)

PE031-7 Association between D-dimer Levels and Mortality in Patients with Takotsubo Syndrome - Multi-Center Registry from Tokyo CCU Network-

Hiroki Mochizuki (Tokyo CCU Network Scientific Committee, Tokyo)

Poster Session (English) 32 (MD)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 1 (Osaka International Convention Center, 3F, Event Hall A)

Preventive Medicine/Epidemiology/Education 1

Chairperson :

Masaki Ohsawa (Division of Cardiology, Department of Internal Medicine, School of Medicine, Iwate Medical University, Morioka)

PE032-1 Serum Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) is Independently Associated with Insulin Resistance and Triglycerides Levels in a General Population

Hitoshi Hamamura (Department of Community Medicine, Kurume University School of Medicine, Kurume)

PE032-2 Association between Total Cholesterol and Ratio of Direct to Total Bilirubin in Serum

Masataka Mine (Department of Cardiology, National Defense Medical College, Tokorozawa)

PE032-3 Association of Low Omega-6 Polyunsaturated Fatty Acid Levels on Admission with Delirium in Coronary Care Unit

Yurina Sugita (Department of Cardiology, Juntendo University School of Medicine, Hongo)

PE032-4 Impact of the Altitude of Residence on Readmission in Patients with Heart Failure

Makoto Saito (Department of Cardiology, Kitaishikai Hospital, Ozu)

PE032-5 Potential Use in Evaluating Non-cardiac Surgery Patients with the Exercise Capacity of 4METs Threshold.

Seiichi Tanai (Department of Second Internal Medicine, Division of Cardiology, Kyorin University School of Medicine, Tokyo)

PE032-6 Regional Difference Investigation Based on the Incidence of Acute Coronary Syndrome in Awaji Island

Kentarō Yamashita (Department of Cardiology, Hyogo Prefectural Awaji Medical Center, Sumoto)

PE032-7 Influences of Cardiologists Certified by the Japanese Circulation Society on Acute Myocardial Infarction-related Mortalities in Japan

Hitoshi Nagashima (Department of Cardiovascular Internal Medicine, Shibetsu City Hospital, Shibetsu)

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Poster Session (English) 33 (A)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Arrhythmia, Others (Basic)

Chairperson :

Ichiro Hisatome (Division of Regenerative Medicine and Therapeutics, Tottori University Graduate School of Medical Science, Yonago)

PE033-1 The Inactivation of L-type Ca^{2+} Channel was Impaired in Human iPSC Cell Model of Long-QT Syndrome with *CALM2-D134H* Mutation.

Yuta Yamamoto (Department of Cardiovascular Medicine, Kyoto University, Kyoto)

PE033-2 Successful Measurement of Magnetocardiogram Using a 64-channel Magnetoresistive Sensor

Atsuhiko Yagishita (Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo)

PE033-3 In Vitro Model of Allogenic Cell Transplantation for Conduction Defects

Akira Yoshida (Dept. of Cardiovasc. Med., Osaka Univ. Grad. Sch. of Med./Higashiosaka City General Hospital, Suita)

PE033-4 Role of Cardiologist for Syncope Patients in Emergency Department

Hiroshi Mase (Division of Cardiology, Showa University Fujigaoka Hospital, Yokohama)

PE033-5 Manifestation of J Wave Induced by Intracoronary Injection of Acetylcholine in Patients with Brugada Syndrome and Early Repolarization Syndrome

Takashi Iizuka (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)

PE033-6 Serum Indoxyl Sulfate Level Predicts Improvement of Renal Function after Catheter Ablation for Atrial Fibrillation Complicating Chronic Kidney Disease

Hideki Koike (Department of Cardiology, Mitsui Memorial Hospital, Tokyo)

PE033-7 Pannexin-1 Maintains Cardiac Function under the Electrical Pacing and/or Hypoxia in Mice.

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

Poster Session (English) 34 (A)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Arrhythmia, Others (Clinical/Diagnosis/Treatment) 4

Chairperson :

Koji Fukuda (Department of Cardiology, International University of Health and Welfare Hospital, Nasushiobara)

PE034-1 Comparison of Frequencies during Persistent Atrial Fibrillation Analyzed by Fast Fourier Transform Analysis and Continuous Wavelet Transform Analysis

Satoshi Aita (Department of Cardiology, St. Luke's International Hospital, Tokyo)

PE034-2 The Utility of Newly Developed Ultra-high-density Mapping System RHYTHMIA for Post-ablation Atrial Tachycardia.

Takanori Aizawa (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto)

PE034-3 What the Pre-procedural Transesophageal Echocardiogram before Ablations of Atrial Fibrillation can Detect is not Only the Thrombus

Emiko Nakashima (Department of Cardiology, Soka Municipal Hospital, Soka)

PE034-4 Predictor of Silent Cerebral Ischemic Lesions after Pulmonary Vein Isolation: Comparison of Irrigated Radiofrequency Catheter and Balloon-based Technologies

Yoshihiro Shoji (Department of Cardiology, Hirosaki University Graduate School of Medicine, Hirosaki)

PE034-5 Safety and Efficacy of Left Appendage Closure for the Secondary Prevention of Stroke or TIA in Patients with NVAF

Yoshinari Enomoto (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)

PE034-6 The Safety of Left Atrial Appendage Closure with the Watchman Device since FDA Approval: Insights from MAUDE Database

Yoshinari Enomoto (Division of Cardiovascular Medicine, Toho University Ohashi Medical Center, Tokyo)

PE034-7 Impact of Sinus Rhythm Restoration on Renal and Endothelial Function, and Its Relationship in Atrial Fibrillation Patients Undergoing Catheter Ablation

Keisuke Okawa (Cardiovascular Medicine, Kagawa Prefectural Central Hospital, Takamatsu)

Poster Session (English) 35 (A)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Atrial/Supraventricular Arrhythmia (Clinical/Diagnosis) 1

Chairperson :

Keiji Inoue (Department of Cardiology, Japanese Red Cross Kyoto Daini Hospital, Kyoto)

PE035-1 Incidence and Cause of Death with Warfarin and Direct Oral Anticoagulants for Atrial fibrillation: The SAKURA AF Registry Substudy

Keiichi Kuroshima (Department of Cardiology, Kawaguchi Municipal Medical Center, Saitama)

PE035-2 The Recurrence of Atrial Fibrillation after Catheter Ablation was Associated with Fibrotic Marker in Coronary Sinus Vein.

Ayako Okada (Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto)

PE035-3 Sinus Node Recovery Time is a Strong Predictor of Recurrence after Catheter Ablation in Persistent Atrial Fibrillation Patients

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

PE035-4 Left Atrial Volume Predicts the Presence of Low Voltage Zone

Yasuki Koyano (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)

PE035-5 Novel Stepwise Ablation for Non-paroxysmal Atrial Fibrillation

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

PE035-6 The Impact of Left Atrial Appendage Contraction on Outcomes after Catheter Ablation for Atrial Fibrillation

Hideyuki Kishima (Department of Internal Medicine, Cardiovascular Division, Hyogo College of Medicine, Nishinomiya)

PE035-7 Right Atrial Remodeling after Box Isolation 'with' or 'without' Cavotricuspid-Isthmus Ablation in Patients with Atrial Fibrillation

Yoshio Yamaguchi (Department of Cardiology, Fukui Cardiovascular Center, Fukui)

Poster Session (English) 36 (A)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Atrial/Supraventricular Arrhythmia (Clinical/Treatment) 3

Chairperson :

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

PE036-1 Anatomical Predictors of an Acute Success of Left Superior Pulmonary Vein Isolation in Patients Undergoing Hotballoon Ablation for Atrial Fibrillation

Takehito Sasaki (Division of Cardiology, Gunma Prefectural Cardiovascular Center, Maebashi)

PE036-2 The Comparison of the Superior Vein Cava Lesion Created by the Cryoballoon and Hotballoon Ablation.

Naoki Nishiyama (Department of Cardiology, Dokkyo Medical University Koshigaya Hospital, Koshigaya)

PE036-3 Electrophysiologic and Anatomic Parameters Predicting Additional Touch-up Radiofrequency Application after Hot Balloon-based Pulmonary Vein Isolation

Yuji Wakamatsu (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

PE036-4 Clinical Utility of Left Atrial Appendage Pacing to Identify Residual Conduction Gaps after HotBalloon Ablation: Analysis from Ultra-High-Resolution 3-dimensional Mapping

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

PE036-5 Three-Dimensional Mapping after HotBalloon Ablation for Paroxysmal Atrial Fibrillation

Akihiko Ueno (Department of Cardiovascular Medicine, Toda Chuo General Hospital, Saitama)

PE036-6 The Comparison of Delayed Enhancement Intensity on Magnetic Resonance Imaging in Hot Balloon Ablation Sites According to Required Touch-up Ablation

Kosuke Aoki (Department of Cardiology, Himeji Cardiovascular Center, Himeji)

PE036-7 Impact of Non-pulmonary Vein Foci Induced after 2nd-generation Cryoballoon Pulmonary Vein Isolation for Paroxysmal Atrial Fibrillation

Nobutaka Kato (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama)

Poster Session (English) 37 (A)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

Atrial/Supraventricular Arrhythmia (Clinical/Treatment) 4

Chairperson :

Junichi Nitta (Department of Cardiology, Japanese Red Cross Saitama Hospital, Saitama)

PE037-1 Effect of Linear Ablation Including an Ethanol Infusion in Patients Refractory to Permanent Pulmonary Vein Isolation without Low Voltage Areas

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

PE037-2 Atrial Fibrillation Driver Modulation for Non-Paroxysmal Atrial Fibrillation Improves Cardiac Function: ExTRa Mapping Project

Kensuke Sakata (Department of Cardiovascular Medicine, Shiga University of Medical Science, Otsu)

PE037-3 Sinus Rhythm Conversion with Low-dose Bepridil Predicts the Effect of Pulmonary Vein Isolation Alone for Persistent Atrial Fibrillation

Shohei Hara (Cardiovascular Medicine, Kagawa Prefectural Central Hospital, Takamatsu)

PE037-4 The Efficacy of Hybrid Therapy with Catheter Ablation and Low-dose Amiodarone for Persistent Atrial Fibrillation with Left Ventricular Dysfunction.

Toru Asai (Department of Cardiology, Ichinomiya Municipal Hospital, Ichinomiya)

PE037-5 The Clinical Implications of Adenosine Triphosphate Induced Atrial Fibrillation in the Ablation Strategies

Jun Nakajima (Division of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)

PE037-6 Catheter Ablation of Adenosine-Sensitive Focal Atrial Tachycardia Originating from the Non-coronary Aortic Sinus

Kazuo Usuda (Toyama Prefectural Central Hospital, Toyama)

Poster Session (English) 38 (A)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 3 (Osaka International Convention Center, 10F, 1004-1007)

CRT/ICD 1

Chairperson :

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

PE038-1 Importance of Evaluating the Mechanical Delayed Site of Left Ventricle in Cardiac Resynchronization Patients without Left Bundle Branch Block

Aika Daimon (Department of Internal Medicine, Cardiovascular Division, Hyogo College of Medicine, Nishinomiya)

PE038-2 Impact of Nutritional Status on Mortality in Patients with Cardiac Resynchronization Therapy

Shogo Kitagawa (Department of Cardiology, Tokyo Women's Medical University Hospital, Tokyo)

PE038-3 Long-term Prognostic Impact of Adherence with 2016 ESC Guideline for Cardiac Resynchronization Therapy

Mutsuki Kodaira (Cardiovascular and Heart Rhythm Center, Akashi Medical Center, Akashi)

PE038-4 Early Reduction of LV End Systolic Volume Predicts Remote LV Reverse Remodeling after Cardiac Resynchronization Therapy.

Daisuke Nagatomo (Department of Cardiology, Saga University, Saga)

PE038-5 CRT Response in Patients with a QRS Complex <130 ms -Validity of the JCS Guidelines-

Hiroaki Mano (Division of Cardiology, Department of Medicine, Nihon University School of Medicine, Tokyo)

PE038-6 Impact of QRS Notch in Lateral Leads for Predicting the Responder for Cardiac Resynchronization Therapy

Naoaki Hashimoto (Department of Cardiology, Faculty of Medicine, University of Tsukuba, Tsukuba)

PE038-7 Cessation of Pacing in Super-responders of Cardiac Resynchronization Therapy: A Randomized Controlled Trial

Yixiu Liang (Department of Cardiology Zhongshan Hospital, China)

Poster Session (English) 39 (CAD)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

ACS/AMI (Clinical/Diagnosis) 2

Chairperson :

Yasuyuki Kawai (Department of Cardiology, Kanazawa Medical University, Uchinada)

PE039-1 Risk Factors of In-hospital Death in Patients with Acute Myocardial Infarction at Left Main Trunk; Cardiovascular Research Consortium-8 Universities (CIRC-8U)

Hidemi Morioka (Division of Cardiology, Department of Internal Medicine, Iwate Medical University, Morioka)

PE039-2 The Prognostic Impact of Acute Kidney Injury in Acute Myocardial Infarction Patients with and without Reduced Left Ventricular Ejection Fraction

Tsutomu Kawai (Division of Cardiology, Osaka General Medical Center, Osaka)

PE039-3 The Usefulness of Combination of SYNTAX Score and Acute Kidney Injury for Predicting Prognosis in Patients with Acute Myocardial Infarction

Tsutomu Kawai (Division of Cardiology, Osaka General Medical Center, Osaka)

PE039-4 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)

PE039-5 Modified Framingham Risk Score Enable to Stratify Observe Group of the ESC High-sensitivity Cardiac Troponin 0 h/1 h-algorithm.

Masayuki Shiozaki (Department of Cardiology, Juntendo University Nerima Hospital, Tokyo)

PE039-6 Is Multi-biomarker Combination Approach Comparable to the GRACE Risk Score for Short-term Mortality Prediction in Acute Myocardial Infarction Cases?

Yota Kawamura (Department of Cardiology, Tokai University Hachioji Hospital, Hachioji)

Poster Session (English) 40 (CAD)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

ACS/AMI (Basic)

Chairperson :

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

PE040-1 Rivaroxaban Improves the Progression of Ischemic Cardiomyopathy in a New Murine Model of Diet-Induced Myocardial Infarction

Jingyi Liu (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

PE040-2 Risk Factors of New-onset Atrial Fibrillation in Patients with Acute Myocardial Infarction

Masanobu Niiyama (Department of Cardiology, Iwate Medical University, Morioka)

PE040-3 Low-intensity Pulsed Ultrasound Ameliorates Left Ventricular Dysfunction in ApoE-deficient Mice with Acute Myocardial Infarction in Vivo

Tomohiko Shindo (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

PE040-4 Clinical Outcome about Elderly AMI Patients from K-ACTIVE Registry

Misa Ito (Department of Cardiovascular, Seirei Yokohama Hospital, Yokohama)

PE040-5 Culprit Plaque Morphology in ST Elevation Myocardial Infarction with Extreme Elderly Patients (Age ≥ 85 Years) Assessed by Intravascular Ultrasound

Yoshikuni Kobayashi (Department of Cardiology, Yokohama Rosai Hospital, Kanagawa)

PE040-6 Cardiac-specific MicroRNAs Significantly Increase after Myocardial Reperfusion in the Ischemic Region

Shuji Shimizu (Department of Cardiovascular Dynamics, National Cerebral and Cardiovascular Center, Suita)

PE040-7 Acute Left Ventricular Unloading Reduces Left Atrial Stretch and Inhibits Stretch-Induced Oxidative Stress, Leading to Atrial Arrhythmia Inhibition

Kiyotake Ishikawa (Cardiovascular Research Center, Icahn School of Medicine at Mount Sinai, USA)

Poster Session (English) 41 (CAD)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Thromboembolism/Antithrombotic Therapy/Thrombolysis 1

Chairperson :

Manabu Kurabayashi (Division of Cardiology, Yokohama City Minato Red Cross Hospital, Yokohama)

PE041-1 DOAC is Equally Effective and Safe Compared with VKA for the Treatment of Japanese Cancer-Associated VTE

Yusuke Nakagawa (Department of Cardiovascular Medicine, Japanese Red Cross Kyoto Daiichi Hospital, Kyoto)

PE041-2 Current Status of Warfarin Therapy in Very Elderly Patients with Atrial Fibrillation in the Direct Oral Anti-Coagulant Era.

Masahiko Takahashi (Department of Cardiology, Kagawa Prefectural Central Hospital, Takamatsu)

PE041-3 Differences of Blood Coagulation and Fibrinolysis Parameters in Patients Undergoing TAVI with Edwards SAPIEN 3 or Corevalve Evolut R

Taiga Katayama (Department of Cardiology, Teikyo University School of Medicine, Tokyo)

PE041-4 Relationship between Increased Levels of Thrombomodulin and Bleeding Events after Direct Oral Anticoagulants Treatment in Patients with Atrial Fibrillation

Shinnosuke Kikuchi (Division of Cardiology, Yokohama City University Medical Center, Yokohama)

PE041-5 Repeated Freeze may not Affect the Coagulation State in the Patients Undergoing Cryoballoon Ablation for Atrial Fibrillation

Monami Ando (Department of Cardiology, Tokoname City Hospital, Tokoname)

PE041-6 In Vivo Imaging Revealed Platelet- and Leukocyte- Independent Initiation of Deep Venous Thrombosis (DVT) in Novel Murine DVT Model

Mitsumasa Okano (Division of Cardiovascular Medicine, Kobe University Graduate School of Medicine, Kobe)

Poster Session (English) 42 (CAD)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Coronary Revascularization/PCI (Complex Lesions) 2

Chairperson :

Isamu Mizote (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)

PE042-1 Clinical Outcome of Patients with Elevation of Cardiac Enzymes after Rotational Atherectomy.

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

PE042-2 Prognostic Value of Myocardial Damage Due to Rotational Atherectomy on Mid-term Global Longitudinal Systolic Strain in Patient with Severe Calcification

Akinori Sumiyoshi (Department of Cardiology, Sakurabashi-Watanabe Hospital, Osaka)

PE042-3 Long-term Follow-up of LMT Bifurcation Lesion Stenting in Second Generation DES-era.

Ichiro Hamanaka (Rakuwakai Kyoto Cardiovascular Intervention Center, Rakuwakai Marutamachi Hospital, Kyoto)

PE042-4 Comparison of Clinical Outcomes between PCI and CABG in Patients with Unprotected Left Main Coronary Artery Disease

Takeshi Nishida (Department of Cardiology, The Sakakibara Heart Institute of Okayama, Okayama)

PE042-5 Comparison between Side Branch Dilation with Dedicated Balloon and Conventional Kissing Balloon Inflation after Cross-over Stenting in Coronary Bifurcation Lesions

Yoshinobu Murasato (Department of Cardiology, Kyushu Medical Center, Fukuoka)

PE042-6 Over Ten Years Follow-up of Chronic Total Coronary Occlusion Angioplasty

Kohei Yoneda (Division of Cardiology, Tokushima Red Cross Hospital, Komatsushima)

Poster Session (English) 43 (CAD)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Atherosclerosis (Clinical/Diagnosis)

Chairperson :

Jun Suzuki (Division of Cardiology, Pulmonology, Nephrology and Hypertension, Ehime University Graduate School of Medicine, Toon)

PE043-1 Stiffness Parameter Beta of the Brachial Artery is Associated with Vascular Thickness and Cardiovascular Risk.

Tomohiro Ueda (Department of Cardiology, JR Hiroshima Hospital, Hiroshima)

- PE043-2 Impact of Dietary Habits on Atherogenic Lipid Profiles and EPA/AA or DHA/AA in Male Patients with Coronary Artery Disease**
Ken Arai (Division of Cardiology, Department of Medicine, Showa University School of Medicine, Tokyo)
- PE043-3 Associations between Microalbuminuria and the Parameters of Flow-mediated Vasodilatation Obtained by Continuous Measurement Approaches**
Rie Koyoshi (Department of Cardiology, Fukuoka University School of Medicine, Fukuoka)
- PE043-4 The Predictive Role of Brachial-Ankle Pulse Wave Velocity on Cardiovascular Events in Patients Undergoing Percutaneous Coronary Intervention**
Riku Arai (Department of Cardiovascular Medicine, The Cardiovascular Institute, Tokyo)
- PE043-5 Association between Serum Uric Acid Levels in the Chronic Phase and Cardiovascular Events in Patients with Coronary Artery Disease**
Riku Arai (Department of Cardiovascular Medicine, The Cardiovascular Institute, Tokyo)
- PE043-6 A Predictive Value of Renal Resistive Index for the Extent of Systemic Atherosclerosis in Patients with Early Chronic Kidney Disease**
Ippei Watanabe (Department of Cardiovascular Medicine, Toho University Faculty of Medicine, Tokyo)
- PE043-7 Vulnerable Neoatherosclerosis in Bare Metal and First and Second Generation Drug Eluting Stents in Patients with Stent Failure**
Kenji Miwa (Department of Cardiology, Ishikawa Prefectural Central Hospital, Kanazawa)

Poster Session (English) 44 (CAD)

March 23 (Fri) 16:50–17:40

Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Coronary Revascularization/PCI (New Devices/New Technology)

Chairperson :

Yoshisato Shibata (Department of Cardiology, Miyazaki Medical Association Hospital, Miyazaki)

- PE044-1 The Impact of Percutaneous Coronary Intervention Using the Novel Dynamic Coronary Roadmap System**
Takayuki Yabe (Department of Cardiology, Tokyo General Tokyo, Tokyo)
- PE044-2 Incidence of Excimer Laser Coronary Angioplasty Induced Late Acquired Peri-Stent Contrast Staining**
Tadanao Higaki (Department of Cardiology, Hiroshima Citizen Hiroshima City Hospital, Hiroshima)
- PE044-3 Paclitaxel-Coated Balloon versus Limus-Eluting Stent in Small Coronary Vessels in Real World: A Single-Center Retrospective Cohort Study**
Kansuke Ito (Department of Cardiology, Tokyo Metropolitan Tama Medical Center, Tokyo)
- PE044-4 Mid-term Outcome after Novel Directional Coronary Atherectomy.**
Gen Tanabe (Department of Cardiovascular Medicine, The Cardiovascular Institute, Minato)
- PE044-5 Which Treatment is Most Effective for Acute Myocardial Infarction? -Excimer Laser Coronary Angioplasty, Distal Protection or Thrombus Aspiration-**
Sho Nagamine (Department of Cardiology, Tokyo Metropolitan Hiroo Hospital, Tokyo)
- PE044-6 Drug-coated Balloon vs. Drug-eluting Stent for Hemodialysis Patients with Coronary Artery Disease**
Tamami Yoshida (Department of Cardiology, Matsunami General Hospital, Gifu)
- PE044-7 Efficacy of the Wire Bias Method to Construct the Three-Dimensional Angiographic Image from the IVUS Image during Percutaneous Coronary Intervention**
Kota Tanaka (Department of Cardiology, Sakurabashi-Watanabe Hospital, Osaka)

Poster Session (English) 45 (HF)

March 23 (Fri) 16:50–17:40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Valvular Heart Disease/Pericarditis/Cardiac Tumor 2

Chairperson :

Yasushi Fuku (Division of Cardiology, Kurashiki Central Hospital, Kurashiki)

- PE045-1 Concomitant Tricuspid Valve Repair for Mild Tricuspid Regurgitation Suppress Progression of Tricuspid Regurgitation in Patients in Long-term Follow-up Period.**
Kohko Kanazawa (Division of Cardiology, Ohta Nishinouchi General Hospital, Koriyama)
- PE045-2 Echocardiographic Parameters Predicting Acute Hemodynamically Significant Mitral Regurgitation during Transfemoral Transcatheter Aortic Valve Replacement**
Asahiro Ito (Department of Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka)

- PE045-3 Advanced Chronic Kidney Disease Leads to Ventricular Fibrillation or Tachycardia during Transcatheter Aortic Valve Implantation**
Nobuyuki Enzan (Department of Cardiology, Kyushu University School of Medicine, Fukuoka)
- PE045-4 Relationship among Aortic Elongation, Tortuosity, and Configurations of the Aortic Root in Candidates for Transcatheter Aortic Valve Replacement**
Takayoshi Toba (Division of Cardiovascular Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Kobe)
- PE045-5 The Identification of Suitability for Aortic Valve Plasty by Using Three-Dimensional Transesophageal Echocardiography**
Haruka Fujimaki (Department of Cardiology, Sakakibara Heart Institute, Tokyo)
- PE045-6 Mechanism of Mitral Valve Prolapse in Atrial Septal Defect: Geometric Assessment by Three-Dimensional Transesophageal Echocardiography**
Makoto Furugen (Miyazaki Medical Association Hospital Cardiovascular Center, Miyazaki)
- PE045-7 Pseudonormalized Mitral Valve Prolapse by Secondary Left Ventricular Remodeling: Three-dimensional Echocardiographic Study**
Mai Iwataki (Second Department of Internal Medicine, University of Occupational and Environmental Health, School of Medicine, Kitakyushu)

Poster Session (English) 46 (HF)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

CAD, VAD

Chairperson :

Yoshikatsu Saiki (Division of Cardiovascular Surgery, Tohoku University Graduate School of Medicine, Sendai)

- PE046-1 Coronary Artery Bypass Grafting after Multiple Previous Percutaneous Coronary Intervention**
Keisuke Hakamada (Department of Cardiovascular Surgery, Kokura Memorial Hospital, Kitakyushu)
- PE046-2 Cholesterol-lowering Therapy, not CABG Graft Design, could Improve Long-term Results of CABG**
Yoshihisa Morimoto (Department of Cardiovascular Surgery, Ako City Hospital, Ako)
- PE046-3 Off-pump Versus On-pump Coronary Artery Bypass Grafting in Patients with End Stage Renal Disease on Hemodialysis**
Akihito Matsushita (Department of Cardiovascular Surgery, Seikei-kai Chiba Medical Center, Chiba)
- PE046-4 Managements and Outcomes of Driveline Infections in Patients with Left Ventricular Assist Device**
Minori Tateishi (Department of Cardiovascular Surgery, Tokyo Women's Medical University, Tokyo)
- PE046-5 The Role of Community Hospital in Heart Transplant Candidates with Left Ventricular Assist Device**
Masaru Ishida (Department of Cardiovascular Surgery, Higashi Takarazuka Sato Hospital, Suita)
- PE046-6 Effectiveness of Low LDL Maintenance Therapy Using Evolocumab Following Plasma Apheresis for Cholesterol Emboli.**
Senri Miwa (Department of Cardiovascular Surgery, Tenri Hospital, Tenri)

Poster Session (English) 47 (HF)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Regeneration (Basic/Clinical)

Chairperson :

Yoshinori Yoshida (Department of Life Science Frontiers, Center for iPS Cell Research and Application, Kyoto University, Kyoto)

- PE047-1 Random Double Recombination in Rainbow-MerCreMer Mice Model can Detect Precise Frequency and Location of Cardiomyocyte-Derived Cardiac Regeneration after Injury**
Masato Kanda (Health Professional Development Center, Department of Cardiovascular Medicine, Chiba University Hospital, Chiba)
- PE047-2 Prevention of Tumorigenesis in Human Pluripotent Stem Cell-derived Cardiomyocytes by Immunological Cytotoxicity against Oncofetal Antigen**
Marina Okada (Department of Cardiology, Keio University School of Medicine, Tokyo)

- PE047-3 Phenotypic Screening Using Patient-derived Induced Pluripotent Stem Cells Revealed TRPC 3 as a Novel Target for Hypertrophic Cardiomyopathy**
Taku Sakai (Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine, Suita)
- PE047-4 Single-Construct Polycistronic Doxycycline-Inducible Vectors Improve Direct Cardiac Reprogramming and can be Used to Identify the Critical Timing of Transgene Expression**
Tomohiko Umei (Department of Cardiology, Keio University School of Medicine, Tokyo)
- PE047-5 Augmentation of Mef2c Transcriptional Activity Promotes Direct Cardiac Reprogramming via Histone Acetyltransferase, p300**
Hidenori Kojima (Department of Cardiology, Keio University, Tokyo)
- PE047-6 ONO-1301SR Combined with a Pedicled Omental Flap Synergistically Promoted Myocardial Angiogenesis, Leading to Cardiac Regeneration in a Porcine Failing Heart**
Shin Yajima (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Suita)
- PE047-7 Mesenchymal Stem Cell-derived Angiopoietin-like 4 Integrates Macrophage Polarization to Ease Cardiac Inflammation**
Dong Im Cho (Cell Regeneration Research Center, Chonnam National University Hospital, Korea)

Poster Session (English) 48 (HF)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Cardiovascular Pharmacology (Basic/Clinical), Cardiovascular Surgery/CABG

Chairperson :

Taiko Horii (Division of Cardiovascular Surgery, Department of Surgery, Kagawa University, Faculty of Medicine, Kagawa)

- PE048-1 Indoxyl Sulfate and P-cresol Sulfate Induce Cardiac Hypertrophy and Cardiac Fibrosis via the Apoptosis Signal Regulating Kinase-1 Pathway**
Febby F Savira (Centre of Cardiovascular Research and Education in Therapeutics, School of Public Health and Preventive Medicine, Monash University, Australia)
- PE048-2 Inhibition of Ventricular Remodeling by Gingerols through ASK1/MAPK/NF-kappaB Signalling Pathways in Vitro**
Yue Hua (Centre of Cardiovascular Research and Education in Therapeutics, School of Public Health and Preventive Medicine, Australia)
- PE048-3 No Harmful Effects of a Selective SGLT2-inhibitor in Contrast to Impairment of Cardiac Energy Metabolism by Phlorizin during Ischemia-Reperfusion Injury**
Akira Yoshii (Division of Cardiology, The Jikei University School of Medicine, Tokyo)
- PE048-4 Prognostic Value of Ankle-Brachial Index in Patients Undergoing Coronary Artery Bypass Graft Surgery: 3-Year Outcomes from the SHINANO CABG Study**
Naoto Hashizume (Department of Cardiovascular Medicine, Shinonoi General Hospital, Nagano)
- PE048-5 Preoperative Endothelial Function and Long-Term Cardiovascular Events in Patients with Cardiovascular Surgery**
Yuichi Saito (Department of Cardiology, Chiba University Hospital, Chiba)
- PE048-6 Effects of Switching from Clopidogrel to Prasugrel at Chronic Phase after Coronary Stenting on Antiplatelet Action and Vascular Endothelial Function**
Masashi Sakuma (Department of Cardiovascular Medicine, Dokkyo Medical University, Shimotuga)

Poster Session (English) 49 (HF)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Heart Failure (Diagnosis) 2

Chairperson :

Yukihito Sato (Division of Cardiology, Hyogo Prefectural Amagasaki General Medical Center, Amagasaki)

- PE049-1 The Significance of Clinical Scenario might Differ by Genders in Patients with Acute Decompensated Heart Failure**
Jin Komuro (Department of Cardiology, Keio University, Tokyo)
- PE049-2 Prediction of Re-hospitalization for Worsening Heart Failure in Acute Decompensated Heart Failure Patients by ADMIRE-HF Risk Score: A Prospective Study**
Iyo Ikeda (Division of Cardiology, Osaka General Medical Center, Osaka)
- PE049-3 The Ratio of BNP and E Wave Deceleration Time Predicts Increased Left Ventricular Filling Pressure in Patients with Atrial Fibrillation**
Masayoshi Oikawa (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

- PE049-4 Is the Novel ASE/EACVI Guideline for Assessing Left Ventricular Diastolic Dysfunction Applicable for the Patients with Coronary Artery Disease?**
Junki Yamamoto (Cardio-Renal Medicine and Hypertension, Nagoya City University, Nagoya)
- PE049-5 Nonsustained Ventricular Tachycardia During Hospitalization is Related to Fatal Arrhythmic Events in Patients with Acute Decompensated Heart Failure**
Leo Hata (Department of Cardiology, Kurashiki Central Hospital, Kurashiki)
- PE049-6 High Serum-amyloid-A/LDL Predicts Angiographic Severity of Coronary Artery Disease in Patients with Heart Failure: Baseline Data from the ANOX Study**
Moritake Iguchi (Department of Cardiology, National Hospital Organization Kyoto Medical Center, Kyoto)
- PE049-7 Comparison of Short-term Mortality Prediction Models on Long-term Mortality in Acute Heart Failure: The Importance of Accounting for Nutritional Status**
Hiroki Nakano (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)

Poster Session (English) 50 (HF)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Heart Failure (Pathophysiology) 1

Chairperson :

Hideaki Morita (Department of Cardiology, Osaka Medical College, Takatsuki)

- PE050-1 Thermogenic Action of B-type Natriuretic Peptide in Patients with Cardiovascular Diseases According to Covariance Structure Analysis**
Ryeonshi Kang (Department of Cardiology, Jikei University School of Medicine, Tokyo)
- PE050-2 Long-term Prognostic Significance of Iron Deficiency in Patients with Acute Heart Failure**
Hiroki Nakano (Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita)
- PE050-3 Right Ventricular Enlargement Predicts Responsiveness to Tolvaptan in Congestive Heart Failure Patients with Reduced Ejection Fraction**
Shinichi Nonin (Department of Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka)
- PE050-4 Different Impact of Left Ventricular Ejection Fraction Change between Heart Failure Classifications in Patients with Acute Decompensated Heart Failure**
Masayoshi Yamamoto (Cardiovascular Division, University of Tsukuba, Tsukuba)
- PE050-5 High Prevalence of Clinically Diagnosed Patients with Cardiac Sarcoidosis Based on Newly Published Diagnostic Guidelines.**
Shuichi Fujita (Department of Cardiology, Osaka Medical College, Takatsuki)
- PE050-6 Lack of Glucagon Promotes Cardiomyopathy and Increases Mortality in Mice via Adrenaline Surge**
Kazuyuki Nishimura (Department of Cardiology, Nagoya University, Nagoya)
- PE050-7 Subclinical Hypothyroidism is Associated with Adverse Prognosis in Heart Failure Patients**
Yu Sato (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

Poster Session (English) 51 (HF)

March 23 (Fri) 16 : 50 – 17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Heart Failure (Basic)

Chairperson :

Ichiro Manabe (Department of Disease Biology and Molecular Medicine, Chiba University Graduate School of Medicine, Chiba)

- PE051-1 Oncostatin-M Suppresses Cardiac Fibrosis in Vivo**
Hiroaki Semba (Department of Cardiovascular Medicine, The Cardiovascular Institute, Tokyo)
- PE051-2 The Intestine Make Response to Hypertensive Heart Failure by Enhanced Mitochondrial Fusion through Glucagon-like Peptide-1 Receptor/PKA/Drp1 Signaling Pathway**
Genki Naruse (The Second Department of Internal Medicine, Gifu University Graduate School of Medicine, Gifu)
- PE051-3 Robust Activation of Malate-aspartate Shuttle Coupled with Accelerated Glycolysis is Nearly Suppressed by Lipopolysaccharide-induced Cardiac Dysfunction in FABP4/5 Knockout Mice**
Yogi Umbarawan (Department of Cardiovascular Medicine Gunma University Graduate School of Medicine, Maebashi)

- PE051-4 DPP4 Inhibitor Promotes Fibroblast Growth Factor 2 Mediated Angiogenesis and Attenuates Cardiac Systolic Dysfunction in a Murine Dietary Obese Model.**
Masayoshi Suda (Department of Cardiovascular Biology and Medicine, Niigata University Graduate School of Medical and Dental Sciences, Niigata)
- PE051-5 Sacubitril/Valsartan (LCZ696) Attenuates Passive Myocardial Stiffness in Diabetic Mice Heart.**
Nozomi Furukawa (Department of Cardiovascular Medicine, Gunma University Graduate School of Medicine, Maebashi)
- PE051-6 IL-10 Family Cytokine IL-22 Directly Activates Myocardial STAT3 Signaling Pathway and Prevents Myocardial Ischemia-Reperfusion Injury**
Jinya Takahashi (Department of Cardiology, Kurume University School of Medicine, Kurume)
- PE051-7 Natriuretic Peptide Exerts Thermogenic Effects on Brown Adipocytes in a Low-Temperature-Sensitive Manner: Direct Measurement of Intracellular Temperature Using Fluorescent Thermoprobe**
Haruka Kimura (Division of Cardiology The Jikei University School of Medicine, Tokyo)

Poster Session (English) 52 (HF)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Vascular Disease (Therapy) 3

Chairperson :

Hitoshi Anzai (Cardiology Department, Ota Memorial Hospital, Ota)

- PE052-1 How to Perform Plain Old Balloon Angioplasty (POBA) in Femoro-popliteal Stenotic Lesions not to Cause Major Dissection?**
Shunsuke Kakizaki (Department of Cardiology, Osaka Saiseikai Nakatsu Hospital, Osaka)
- PE052-2 Primary Patency of Common Femoral Artery Stenosis in Crosser Era.**
Masakazu Tsutsumi (Department of Cardiology, Saiseikai Yokohama-city Eastern Hospital, Yokohama)
- PE052-3 Asymmetric Bifurcation Angle of Common Iliac Artery is Associated with Unilateral Calcified Nodule Lesion of Common Iliac Artery**
Nagataka Yoshihara (Division of Cardiovascular Medicine and Coronary Heart Disease, Hyogo College of Medicine, Nishinomiya)
- PE052-4 Impact of Isosorbide Dinitrate Patch for Critical Limb Ischemia Patients**
Akihiro Matsui (Department of Cardiology, Heart Center, Kasukabe Chuo General Hospital, Kasukabe)
- PE052-5 Therapeutic Potential of Cycling High-Intensity Interval Training for Intermittent Claudication**
Fumiyoishi Tsunoda (Department of Cardiology, Showa University Fujigaoka Hospital, Yokohama)
- PE052-6 Incidence and Preoperative Characteristics of Repetition of Reintervention after BMS Implantation for Femoropopliteal Lesion**
Shigemitsu Shirai (Department of Cardiology, Saiseikai Yokohama City Eastern Hospital, Yokohama)

Poster Session (English) 53 (P)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 6 (Osaka International Convention Center, 10F, 1001+1002)

Congenital Heart Disease/Kawasaki's Disease 1

Chairperson :

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

- PE053-1 Impact of Disease Complexity on Hospitalization in Adult Patients with Congenital Heart Disease; Retrospective Cohort Study**
Sho Takahashi (Department of Cardiology, Okayama University Hospital, Okayama)
- PE053-2 Less Invasive Interventional and Surgical Approach to CAD Related to Kawasaki Disease in Young Adults**
Kazuhiro Shimnada (Division of Cardiology, Heart Institute, Chiba Nishi General Hospital, Matsudo)
- PE053-3 Treatment Strategies for Atrioventricular Valve Regurgitation in Adult Patients with Fontan Circulation**
Ichiro Sakamoto (Department of Cardiovascular Medicine, Kyushu University, Fukuoka)
- PE053-4 Intrarenal Hemodynamics Evaluation by Doppler Ultrasonography in Fontan Patients.**
Eriko Shimada (Department of Pediatric Cardiology, Tokyo Women's Medical University, Tokyo)
- PE053-5 Pregnancy in Patients with Fontan Circulation**
Hazumu Nagata (Department of Pediatrics, Kyushu University Hospital, Fukuoka)

PE053-6 Bi-Atrial and -Ventricular Remodeling Following Transcatheter Atrial Septal Defect Closure in Patients with Permanent Atrial Fibrillation

Michiyo Yamano (Department of Cardiovascular Medicine, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto)

Poster Session (English) 54 (HT)

March 23 (Fri) 16 : 50—17 : 40

Poster Presentation Room 7 (Osaka International Convention Center, 10F, 1010)

Hypertension (Basic/Clinical)

Chairperson :

Satoshi Hoshide (Division of Cardiovascular Medicine, Jichi Medical University, Shimotsuke)

PE054-1 Preeclampsia Induces Acquired Salt-sensitivity and Increased Vasopressin Secretion in Postpartum

Taku Matsuura (Department of Cardiovascular Medicine, Kyushu University Graduate School of Medical Sciences, Fukuoka)

PE054-2 Association between Base Line Serum Uric Acid and Future Prevalence of Hypertension in a Rural Community-dwelling Japanese Population

Takayuki Yamaji (Department of Cardiology, Miyoshi Central Hospital, Miyoshi)

PE054-3 Brain Perivascular Macrophages Contribute to the Development of Hypertension in Stroke-prone Spontaneously Hypertensive Rats

Takeshi Iyonaga (Department of Cardiovascular Medicine, Kyushu University Graduate School of Medical Sciences, Fukuoka)

PE054-4 The Dual Regulatory Effects of Calcium Channel Blockers in Signal Transduction in Vascular Smooth Muscle Cells

Yaqiong Wu (Department of Cardiology Fourth Hospital of Hebei Medical University, China)

PE054-5 Predictors for the Confirmatory Tests of Primary Hyperaldosteronism in Hypertensive Patients with ARR>20

Ryuji Okamoto (Department of Cardiology, Mie University Hospital, Tsu)

PE054-6 A Low Ankle Brachial Index is Associated with Cardiovascular Events in Patients with Morning Hypertension: The J-HOP Study

Yukako Ogoyama (Cardiovascular Medicine, Jichi Medical University, Tochigi)

PE054-7 Association between Vital Signs on Admission and Delirium in Patients with Acute Aortic Dissection

Yuta Sudo (Department of Cardiology, Yokosuka Kyosai Hospital, Yokosuka)

ポスターセッション（日本語）1 (IM)

3月23日(金) 15:00-15:50

ポスター会場1 (大阪国際会議場 3階 イベントホールA)

Echo/Doppler (Peripheral/Vascular/New Technology/Others)

座長:

田邊 一明 (島根大学 循環器内科)

PJ001-1 Noninvasive Assessment of Intraventricular Pressure Gradients Using Vector Flow Mapping in Patients with Reduced Ejection Fraction

野澤 有紀 (有田市立病院 循環器科)

PJ001-2 Left Atrial Stiffness Evaluated by Transthoracic Echocardiography can Predict Poor Prognosis in Patients with Heart Failure with Preserved Ejection Fraction

土屋 隼人 (山形大学 循環・呼吸・腎臓内科学)

PJ001-3 Intra-left Ventricular Pressure Difference during Atrial Contraction is a Useful Parameter to Assess Left Ventricular Late Diastolic Function

若見 和明 (名古屋大学 心臓・腎高血圧内科学)

PJ001-4 Evaluation of Global and Regional Right Ventricular Function Using A Novel Three-Dimensional Speckle-Tracking Echocardiographic System Specialized for the Right Ventricle

坂田 好美 (杏林大学 第二内科)

PJ001-5 Property and Significance of Intra-Left Ventricular Early-Diastolic Vortex in Normal and Dilated Heart

更科 美羽 (北海道大学 循環病態内科学)

PJ001-6 Impact of Aortic Valve Reconstruction with Autologous Pericardium on Left Ventricular Performance in Patients with Severe Aortic Stenosis

神野 真司 (藤田保健衛生大学 臨床検査部)

PJ001-7 Renal Resistance Index could be a New Physiological Marker of Atherosclerosis

樋口 優 (九州中央病院 高血圧・循環器科)

ポスターセッション（日本語）2 (MD)

3月23日(金) 15:00-15:50

ポスター会場1 (大阪国際会議場 3階 イベントホールA)

Preventive Medicine/Epidemiology/Education, Diabetes

座長:

古川 佳子 (山王メディカルセンター 循環器内科)

PJ002-1 Sex Differences in Health Consciousness and Prognosis of Patients with Chronic Heart Failure - A Report from the CHART-2 Study-

阿部 瑠璃 (東北大学 循環器内科学)

PJ002-2 Prevalence of Atrial Fibrillation Increased during the Three Years after the Great East Japan Earthquake in Iwate Prefecture.

田巻 健治 (岩手県予防医学協会 循環器科)

PJ002-3 Impact of Ejection Fraction in Echocardiogram on Cognitive Impairment in the Population of Community-dwelling Japanese.

中村 佐知子 (久留米大学 心臓・血管内科)

PJ002-4 Association of Cognitive Function with Dehydroepiandrosterone Sulfate as a Longevity Marker in a Population of Community Dwelling Japanese; Tanushimaru Study

榎本 美佳 (久留米大学 内科学講座心臓血管内科部門)

PJ002-5 Clinical Profiles of Pregnant Women with Heart Disease

建部 俊介 (東北大学 循環器内科)

PJ002-6 Glycemic Variability at Acute Phase can Predict Left Ventricle Remodeling in Patients with STEMI

高橋 広軌 (横浜市立大学市民総合医療センター 心臓血管センター)

March
23
PM

ポスターセッション（日本語）3 (A)

3月23日(金) 15:00-15:50

ポスター会場3（大阪国際会議場 10階 1004-1007）

Arrhythmia, Others (Clinical/Diagnosis/Treatment) 1

座長:

伴場 圭一（心臓病センター榊原病院 循環器内科）

- PJ003-1 Usefulness of Short Coupled Atrial Premature Contraction for Predictor of Late Recurrence after Catheter Ablation of Atrial Fibrillation**
江神 康之（大阪労災病院 循環器科）
- PJ003-2 Comparison of the Activation Sequence between the Left Atrium and Pulmonary Vein in Paroxysmal Atrial Fibrillation: Analysis of Driving Mechanism**
木山 卓也（熊本大学 生命科学研究部循環器内科）
- PJ003-3 Comparison of Low Voltage Zone Ablation and Complete Linear Ablation against Persistent Atrial Fibrillation.**
鈴木 伯征（JA愛知厚生連豊田厚生病院 循環器内科）
- PJ003-4 Intracardiac Defibrillation Threshold is Associated with Recurrence of Persistent Atrial Fibrillation after Pulmonary Vein Isolation**
八尾 進太郎（東邦大学 内科学講座循環器内科学分野）
- PJ003-5 Electroanatomical Features of Recurrences of Atrial Tachyarrhythmias in Cryoballoon Pulmonary Vein Isolation: Comparison with Conventional AF Ablation**
森井 誠士（福岡大学 循環器内科学）
- PJ003-6 Cryoballoon Ablation for Atrial Fibrillation may Cause Bronchial Injury without Noticing**
前野 健一（伊勢赤十字病院 循環器内科）
- PJ003-7 Half Year Incidence of Iatrogenic Atrial Septal Defect after Using 12F Steerable Sheath for Cryo Ablation of Paroxysmal Atrial Fibrillation**
岩崎 洋一郎（松江赤十字病院 循環器内科）

ポスターセッション（日本語）4 (A)

3月23日(金) 15:00-15:50

ポスター会場3（大阪国際会議場 10階 1004-1007）

Arrhythmia, Others (Clinical/Diagnosis/Treatment) 2

座長:

伊藤 英樹（滋賀医科大学 循環器内科）

- PJ004-1 Cardiac Implantable Electronic Devices Monitoring for Risk Stratification of Stroke Events in Older Patients**
潮平 親哉（東京医科歯科大学 不整脈センター）
- PJ004-2 Relationship between Individual Risk Factors Composing CHA2DS2-VASc Score and Vascular Endothelial Dysfunction in Patients with Non-valvular Atrial Fibrillation**
大和田 真玄（岩手医科大学 循環器・腎・内分泌内科）
- PJ004-3 Comparison of Cryoballoon Ablation versus Contact Force Monitoring Radiofrequency Ablation for Paroxysmal Atrial Fibrillation**
天谷 直貴（福井大学 循環器内科）
- PJ004-4 Efficacy and Safety of Catheter Ablation in Elderly Patients with Non-Paroxysmal Atrial Fibrillation**
遠山 英子（福岡山王病院 ハートリズムセンター）
- PJ004-5 The Impact of Conduction Disturbance after TAVR on Midterm Clinical Outcome**
牧原 優（東京ベイ浦安市川医療センター 循環器内科）
- PJ004-6 The Initial Results of the Implantations of Leadless Transcatheter Pacing Systems**
富樫 郁子（杏林大学 循環器内科）
- PJ004-7 Leadless Pacemaker Significantly Reduces the Procedure Time Compared with Traditional Trans Venous Pacemaker**
田邊 すばる（名古屋第二赤十字病院 循環器内科）

ポスターセッション（日本語）5 (CAD)

3月23日(金) 15:00-15:50

ポスター会場5（大阪国際会議場 10階 1008）

ACS/AMI (Clinical/Treatment/Diagnosis)

座長:

藤本 和輝（国立病院機構熊本医療センター 循環器内科）

PJ005-1 How Low should LDL Cholesterol be Lowered in Patients with High Risk?

矢野 秀樹（獨協医科大学 循環器内科）

PJ005-2 Is Treatment Course Different between Daytime and Nighttime in Patients with ST-elevation Myocardial Infarction? Report from K-ACTIVE Registry

田代 一真（昭和大学藤が丘病院 循環器内科）

PJ005-3 Effect of Drug-Eluting Stent versus Bare-Metal Stent on Cardiac Death or Heart Failure Hospitalization after Acute Myocardial Infarction

中西 道郎（国立循環器病研究センター 心臓血管内科）

PJ005-4 Additive Effect of Ezetimibe and Statin on Myocardial Fatty acid Metabolism after Reperfusion Therapy in Patients with ST-Segment-Elevation Myocardial Infarction

笠間 周（群馬大学 循環器内科）

PJ005-5 Comparison of Neointimal Feature between SYNERGY® and PROMUS® Observed by Serial Angioscopy.

盛川 智之（日本大学 循環器内科）

PJ005-6 Electronic Phenotyping of Acute Myocardial Infarction

井上 隆輔（東北大学 メディカルITセンター）

ポスターセッション（日本語）6 (CAD)

3月23日(金) 15:00-15:50

ポスター会場5（大阪国際会議場 10階 1008）

Coronary Circulation/Chronic Coronary Disease (Basic/Clinical)

座長:

寺川 宏樹（JRI広島病院 循環器内科）

PJ006-1 Impact of von Willebrand Factor on Coronary Plaque Burden in Coronary Artery Disease Patients Treated with Statins

二見 真紀人（福岡大学 心臓・血管内科学）

PJ006-2 Combination of Two Different Microchips in T-TAS Predicts High Risk Patients with Periprocedural Bleeding Events after Percutaneous Coronary Intervention

老松 優（熊本大学 循環器内科学）

PJ006-3 Hybrid Virtual Fractional Flow Reserve Strategy for Decision-Making in Coronary Artery Disease

谷垣 徹（岐阜ハートセンター 循環器内科）

PJ006-4 Instantaneous Wave-free Ratio can Accurately Predict the Severity of Coronary Artery Stenosis in Patients under Hemodialysis

鷲尾 武彦（日本大学 循環器科）

PJ006-5 Clinical Significance of High-sensitivity C-reactive Protein in Patients with Preserved Renal Function Following Percutaneous Coronary Intervention

清水 孝史（順天堂大学 循環器内科学）

PJ006-6 Association between Fractional Flow Reserve (FFR) and Modified Gorlin Formula

柴田 佳優（獨協医科大学 循環器内科学）

PJ006-7 Role of Endogenous H₂O₂-Mediated Dilatation of Coronary Microvessels during Coronary Occlusion in Dogs in Vivo. -An Infrared Fluorescence Microscopic Study-

矢田 豊隆（川崎医科大学 生化学）

March
23
PM

ポスターセッション（日本語）7 (CAD)

3月23日(金) 15:00-15:50

ポスター会場5 (大阪国際会議場 10階 1008)

Atherosclerosis (Clinical/Pathophysiology), Coronary Revascularization/PCI (Restenosis/Others)

座長:

杉山 正悟 (陣内病院 循環器内科)

- PJ007-1 Direct Catecholamine Secretion from Adrenal Vein Associate with Arterial Stiffness**
藤井 雄一 (JR広島病院 循環器内科)
- PJ007-2 High HbA1c and Low TG on Admission Predicted Worse Prognosis after AMI in Patients with Normal or Low Cholesterol.**
松尾 直昭 (三豊総合病院 循環器科)
- PJ007-3 Growth of Vasa Vasorum is Associated with Local Inflammation around Coronary Plaque in Fresh Cadavers**
伊藤 浩敬 (徳島大学 循環器内科)
- PJ007-4 The Relationship between Calcified Coronary Artery Plaque and Abdominal Fat**
石井 裕繁 (松江赤十字病院 循環器内科)
- PJ007-5 Functional Arterial Stiffness Predicts the Change in Carotid Intima-Media Thickness One Year Later in Patients with Lifestyle-Related Disease**
小倉 彩 (北里大学 医療衛生学部 リハビリテーション学科)
- PJ007-6 Predictors of Recurrent Restenosis after Treatment of In-stent Restenosis with Drug-coated Balloon: An Optical Coherence Tomography Study**
磯島 琢弥 (奈良県立医科大学 第1内科)

ポスターセッション（日本語）8 (HF)

3月23日(金) 15:00-15:50

ポスター会場6 (大阪国際会議場 10階 1001+1002)

Cardiomyopathy/Hypertrophy (Basic)

座長:

清水 逸平 (新潟大学 循環器内科学 先進老化制御学講座)

- PJ008-1 Pathophysiological Significance of Adrenomedullin-RAMP2 System in Cardiac Myocytes.**
崔 南奇 (信州大学 循環病態学講座)
- PJ008-2 Phospholipase A₂ Receptor1 is Involved in Cardiac Fibrosis of Pressure-loaded Heart through Modulation of Migratory Responses to Collagen in Myofibroblasts**
渡邊 和徳 (山梨大学 第二内科)
- PJ008-3 Transcription Factor Tcf21 Regulates Fibrosis after Isoproterenol-induced Cardiac Injury**
馬場 雄介 (千葉大学 細胞治療内科学)
- PJ008-4 Stabilization of CaMKII-phosphorylated RyR2 Prevents the Development of Age-related Cardiomyopathy Caused by Transgenic CaMKII δ c Overexpression**
周布 陽子 (山口大学 器官病態内科学)
- PJ008-5 The Administration of High-Morbidity Group Box 1 Fragment Prevents Deterioration of Cardiac Performance in the Delta-Sarcoglycan-Deficient Hamster**
木戸 高志 (大阪大学 心臓血管外科)
- PJ008-6 Cardiac Progenitor Cell Delivery in a Novel Swine Model of Dilated Cardiomyopathy**
佐野 俊和 (岡山大学 心臓血管外科)
- PJ008-7 Oral Administration of Synthetic Prostacyclin Agonist ONO-1301 Prevents Deterioration of Cardiac Performance by Attenuation of Fibrosis in the Delta-sarcoglycan-deficient Hamster**
奥田 直樹 (大阪大学 心臓血管外科)

ポスターセッション（日本語）9 (HF)

3月23日(金) 15:00-15:50

ポスター会場6 (大阪国際会議場 10階 1001+1002)

Heart Failure (Diagnosis)

座長:

猪子 森明 (医学研究所北野病院 心臓センター循環器内科)

- PJ009-1 Prediction of All Cause Death in Patients with ADHF Using the Combination of the Fibrosis-4 Index and Objective Nutritional Index.**
佐藤 嘉洋 (市立豊中病院心臓病センター 循環器科)

- PJ009-2 Gender Difference in the Prognostic Powers of BNP and NTproBNP for Cardiovascular Events: The Japan Morning Surge-Home Blood Pressure Study**
滝 瑞里 (自治医科大学 循環器内科学)
- PJ009-3 Left Ventricular Deformational Parameters on Ejection Fraction in Hypertension and Heart Failure; Study Using One-beat Three-dimensional Speckle Tracking Echocardiography**
湊口 信吾 (岐阜大学 再生医科学循環・呼吸病態学)
- PJ009-4 Prevalence, Factors Associated with and Time Course Change of Iron Deficiency among Patients with Acutely Decompensated Heart Failure**
梶谷 憲司 (大阪赤十字病院 循環器内科)
- PJ009-5 Which Nutritional Index is the Most Useful for the Prediction of One-year Heart Failure Readmission in Elderly Patients with ADHF?**
佐藤 嘉洋 (市立豊中病院心臓病センター 循環器科)
- PJ009-6 Long-term Prognostic Value of Systemic Arterial Pulsatility Index in Patients Admitted with Acute Decompensated Heart Failure**
山田 貴久 (大阪急性期・総合医療センター 心臓内科)
- PJ009-7 Hyponatremia and Anemia Provide Additional Prognostic Information to ADHERE Risk in Acute Decompensated Heart Failure with Reduced or Preserved LVEF**
山田 貴久 (大阪急性期・総合医療センター)

ポスターセッション (日本語) 10 (HF)

3月23日(金) 15:00-15:50
ポスター会場6 (大阪国際会議場 10階 1001+1002)

Aortic Disease

座長:

神吉 佐智子 (大阪医科大学 外科学講座 胸部外科学教室)

- PJ010-1 Initial Medical Treatment for Acute Type A Dissection with Thrombosed False Lumen of the Ascending Aorta -50/10, No ULP Rule**
笹原 聡豊 (北里大学 心臓血管外科学)
- PJ010-2 Endovascular Aneurysm Repair Increases Aortic Stiffness and Central Aortic Pressure**
高瀬谷 徹 (久留米大学 心臓外科)
- PJ010-3 Measurement of Axial Spring Back Force of Frozenix Open Stent Graft: A Cause of Stent Graft Induced New Entry**
北林 克清 (国立病院機構大阪医療センター 心臓血管外科)
- PJ010-4 The Single-Center Experience of Real Chimney Technique for Total Debranching of Supra-Aortic Trunks**
元木 学 (森之宮病院 心臓血管外科)
- PJ010-5 Diagnosis and Prognosis in Painless Acute Type A Aortic Dissection**
松田 靖弘 (神戸医療センター中央市民病院 心臓血管外科)
- PJ010-6 The Role of Syk in Molecular Mechanism of Abdominal Aortic Aneurysm**
金本 亮 (久留米大学 心臓外科)

ポスターセッション (日本語) 11 (HF)

3月23日(金) 15:00-15:50
ポスター会場6 (大阪国際会議場 10階 1001+1002)

Regeneration (Basic/Clinical)

座長:

竹原 有史 (旭川医科大学 教育研究推進センター)

- PJ011-1 Luminal Coating of Stromal Cell-derived Factor 1 A Attenuates Neo-intima Hyperplasia and Mineralization of Decellularized Vascular Grafts in Vivo**
杉村 幸春 (Department of Cardiovascular Surgery and Research Group for Experimental Surgery, Heinrich Heine University, Germany)
- PJ011-2 Cell Spray Method Using Allogeneic Adipose-Derived Mesenchymal Stem is Effective and Convenient Method in Myocardial Regeneration**
森 大輔 (大阪大学 心臓血管外科)
- PJ011-3 Effects of ADSCs Cell Sheets Alone and Combination with AT1 Blocker on Cardiac Function after MI.**
山本 堅志郎 (鳥取大学 再生医療学教室)

- PJ011-4 Dynamic Cytokine-related Angiogenic Process Induced by Somaticstem Cell Therapy in A Rat Chronic Myocardial Infarction Model**
原田 明希摩 (大阪大学 心臓血管外科)
- PJ011-5 Highly Enhanced Cardiac Reprogramming by Small Molecule**
村岡 直人 (慶應義塾大学 循環器内科)
- PJ011-6 An Effective Freezing Method of Human Induced Pluripotent Stem Cells Derived Cardiomyocytes Toward a Clinical Application**
大橋 文哉 (大阪大学 心臓血管外科科学/テルモ株式会社)
- PJ011-7 Brentuximab Vedotin is Specific iPSC-eliminating Agent, Promising Safer Clinical Application of HiPSC-based Cell Therapy**
寒川 延子 (大阪大学 心臓血管外科)

ポスターセッション (日本語) 12 (O)

3月23日(金) 15:00-15:50

ポスター会場 6 (大阪国際会議場 10階 1001+1002)

Cardio-Oncology

座長:

藤田 雅史 (大阪国際がんセンター 腫瘍循環器科)

- PJ012-1 Anticoagulation in Cancer Patients with Atrial Fibrillation: In View of Primary Prevention for Venous Thromboembolism**
庄司 正昭 (国立がん研究センター中央病院 総合内科・がん救急科)
- PJ012-2 Investigation of the Cause of Left Ventricular Mass Increase Associated with Cardiac Toxicity from Anticancer Agent Using Diastolic Wall Strain**
荒尾 正人 (都立大塚病院 内科)
- PJ012-3 Permanent Inferior Vena Cava Filter for Venous Thromboembolism in Japanese Patients with Advanced Cancer.**
親川 拓也 (静岡県立静岡がんセンター 循環器内科)
- PJ012-4 Anticoagulation Therapy for Newly-diagnosed Atrial Fibrillation in Cancer Patients: A Report from Cancer Specialized Facility**
庄司 正昭 (国立がん研究センター中央病院 総合内科・がん救急科)
- PJ012-5 Modern Breast Cancer Treatment with Anthracycline Containing Chemotherapy Reduced Heart Failure**
有村 賢一 (北九州医療センター 循環器科)
- PJ012-6 The Follow-up of Cardiovascular Complication of Patients during Chemotherapy for Breast Cancer (At the Viewpoint of Cardio-Oncology)**
坂本 二郎 (天理よろづ相談所病院 循環器内科)
- PJ012-7 The Incidence and Characteristics of Trastuzumab-Related Cardiotoxicity among Patients with Breast or Head-and-Neck Cancers**
岩堀 浩也 (国際医療福祉大学三田病院 心臓血管センター)

ポスターセッション (日本語) 13 (IM)

3月23日(金) 16:50-17:40

ポスター会場 1 (大阪国際会議場 3階 イベントホール A)

Intravascular Imaging

座長:

佐藤 明 (筑波大学 循環器内科)

- PJ013-1 Assessment of Radial Artery Injury after TRI Using FD-OCT/OFDI**
分山 隆敏 (徳山中央病院 循環器内科)
- PJ013-2 Diabetes Mellitus Control Affected Mechanical Property of Coronary Plaque: Evaluated by Speckle-tracking Intravascular Ultrasound (ST-IVUS)**
田中 新一郎 (岐阜大学 第二内科)
- PJ013-3 Is the CHADS₂ Score Beneficial to Determine the Severity of Aortic Atherosclerosis? (From Aortic Angioscopic Study)**
池上 雄紀 (広島市立病院機構広島市立広島市民病院 循環器内科)
- PJ013-4 Incidence and Clinical Impact of Post-stent Protrusion between Everolimus-eluting Stent and Zotarolimus-eluting Stent -Optical Coherence Tomography Study-**
佐賀 仁宣 (産業医科大学 第二内科)

- PJ013-5 Optical Coherence Tomography Findings at 1-Year Follow-up after Bioresorbable Polymers Drug-Eluting Stent Implantation**
吉岡 賢二 (亀田総合病院 循環器内科)
- PJ013-6 Vascular Response One Year after Novel Ultrathin, Biodegradable Polymer Sirolimus-eluting Stent Implantation Observed by Optical Frequency Domain Imaging**
辻村 卓也 (関西労災病院 循環器内科)
- PJ013-7 Quiescent-Interval Single-Shot Unenhanced Magnetic Resonance Angiography for the Assessment of Peripheral Artery Disease**
大西 祐子 (平塚共済病院 循環器科)

ポスターセッション (日本語) 14 (IM)

3月23日(金) 16:50-17:40

ポスター会場1 (大阪国際会議場 3階 イベントホールA)

Nuclear Cardiology (Coronary/Myocardium/Others)

座長:

皿井 正義 (藤田保健衛生大学 循環器内科)

- PJ014-1 Prediction of Cardiac Death Events by Using the smartMIBG-HF Software in Patients with Mild to Moderate Chronic Heart Failure**
笠間 周 (群馬大学 循環器内科)
- PJ014-2 PTE is not Uncommon in AF in Association with High CRP Level and Low EPA/AA Ratio**
大嶋 有一 (近畿中央病院 循環器内科)
- PJ014-3 An Attempt to Quantify Septal Flash by Myocardial Scintigraphy**
宮島 佳祐 (聖隷三方原病院 循環器科)
- PJ014-4 Evaluation of Autonomic Nervous System by 123I-MIBG Thyroid Uptake: Heart Failure vs. Parkinsonism.**
安部 美輝 (焼津市立総合病院 核医学科)
- PJ014-5 Evaluation of Autonomic Nerve Activity Using Heart Rate Response by Adenosine Stress Electrocardiogram: A Novel Autonomic Nerve Activity Marker.**
安部 美輝 (焼津市立総合病院 核医学科)
- PJ014-6 Impact of Differences in Modalities of Renal Replacement Therapy on Left Ventricular Mechanical Dyssynchrony in End-stage Renal Disease**
石川 昌弘 (日本医科大学武蔵小杉病院 循環器内科)

ポスターセッション (日本語) 15 (MD)

3月23日(金) 16:50-17:40

ポスター会場1 (大阪国際会議場 3階 イベントホールA)

Lipid Disorders, Smoking/Alcohol/Life Style

座長:

加藤 祐子 (心臓血管研究所 循環器内科)

- PJ015-1 Phospholipid Composition of Reconstitute High Density Lipoproteins Affects Their Anti-inflammatory Effects**
岡野 光真 (神戸大学 循環器内科)
- PJ015-2 Gender Differences in the Relationship between Triglyceride and Coronary Atherosclerosis Evaluated by Integrated Backscatter Intravascular Ultrasound after Statin Treatment**
山下 素樹 (福岡大学 心臓・血管内科学)
- PJ015-3 Impact of Non-high-Density Lipoprotein Cholesterol on the Coronary Plaque Score Assessed by 320-Row CT Coronary Angiography in Japanese Population**
二宮 開 (三井記念病院 循環器内科)
- PJ015-4 Assessment of Cardiovascular Atherosclerosis of Heterozygous Familial Hypercholesterolemia (hFH) Using 320-detector Row Coronary CT**
坂井 晶子 (東京女子医科大学 循環器内科学)
- PJ015-5 Sleep Duration as a Risk Factor for the Development of Atherosclerotic Cardiovascular Disease**
松尾 礼 (日本大学 循環器内科学)
- PJ015-6 Impact of Cigarette Smoking Cessation on α -Klotho Levels**
志賀 悠平 (福岡大学 心臓・血管内科学)
- PJ015-7 Smoking Cessation Reduce Serum Oxidized LDL Level in Diabetes Mellitus**
千森 義浩 (市立川西病院 循環器内科)

ポスターセッション（日本語）16 (A)

3月23日(金) 16:50-17:40

ポスター会場3（大阪国際会議場 10階 1004-1007）

Arrhythmia, Others (Basic)

座長:

李 鍾國（大阪大学 先進心血管再生医学共同研究講座）

PJ016-1 *L-cis*-Diltiazem Enhances Slowed L-type Calcium Channel Inactivation in *CALM2*-associated Long-QT Syndrome iPSC Model

横井 文香（京都大学 循環器内科学）

PJ016-2 Studying Progressive Cardiac Conduction Disturbance with Patient-specific iPSCs

元田 親章（広島大学 循環器内科学）

PJ016-3 Human iPSC-Derived Myocyte Model of *SCN5A*-D1275N-Related Cardiac Sodium Channelopathy Reveals Diminished Sodium Currents Resulting from Enhanced Protein Degradation

早野 護（関西電力病院 循環器内科）

PJ016-4 Functional Change of *SCN5A* Mutations Identified in the Patients with Short-Coupled Variant of Torsades de Pointes

園田 桂子（新潟大学 循環器分野）

PJ016-5 Semaphorin 3A Polymorphism Modifies Autonomic Function in Brugada Syndrome

徳山 丈仁（広島大学 循環器内科学）

PJ016-6 Ser96Ala Genetic Variant of Histidine-rich Calcium-binding Protein is an Useful Genetic Predictor for Recurrence after Ablation of Paroxysmal Atrial Fibrillation

網岡 道孝（広島大学 循環器内科学）

PJ016-7 Arrhythmogenic Beta-adrenergic Signaling in Cardiac Hypertrophy: The Role of Small Conductance Calcium Activated Potassium Channels via Activation of CaMKII

鎌田 壘（北海道大学 循環病態内科学）

ポスターセッション（日本語）17 (A)

3月23日(金) 16:50-17:40

ポスター会場3（大阪国際会議場 10階 1004-1007）

Atrial/Supraventricular Arrhythmia (Clinical/Treatment/Basic)

座長:

吉田 明弘（北播磨総合医療センター 先端医療センター不整脈部門）

PJ017-1 Improvement of QOL Associated with Mental Health and Daily Activity after Catheter Ablation in Patients with Asymptomatic Non-paroxysmal AF

近藤 健人（広島ハートセンター・広島心臓血管クリニック 循環器内科）

PJ017-2 Comparison of the Efficacy of New-generation Atrial Antitachycardia Pacing between Patients with Sick Sinus Syndrome and Atrioventricular Block

大槻 総（国立循環器病研究センター 心臓血管内科）

PJ017-3 Plotted Pulmonary Vein Antrum Partition Mapping: A Novel Method to Detect and Eliminate Residual Conduction Gaps in an Ablation Line

木村 正臣（弘前大学 循環器・腎臓内科学講座）

PJ017-4 Comparison of the Procedural Parameters between Two Open Irrigated Contact Force Sensing Catheters

春成 智彦（茨城県立中央病院 循環器内科）

PJ017-5 Impact of Sinus Rhythm Maintenance on Exercise Tolerance after Catheter Ablation in Patients with Non-Paroxysmal Atrial Fibrillation

深澤 恭之朗（東北大学 循環器内科学）

PJ017-6 Safety and Efficacy of Non-vitamin K Antagonist Oral Anticoagulants in Extremely Elderly Patients with Atrial Fibrillation

東矢 俊一（岡山ハートクリニック ハートリズムセンター）

PJ017-7 Sphingosine-1-phosphate Receptor Modulator Fingolimod Suppresses Atrial Fibrillation in Rats with Atrial Enlargement Caused by Chronic Volume Overload

相本 恵美（東邦大学 薬学部 薬物治療学）

ポスターセッション（日本語）18 (A)

3月23日(金) 16:50-17:40

ポスター会場3（大阪国際会議場 10階 1004-1007）

Ventricular Arrhythmia (Basic/Clinical/Pathophysiology)

座長:

中野 由紀子（広島大学 循環器内科学）

PJ018-1 Catheter Ablation for Ventricular Tachycardia in Patients with Structural Heart Disease - Systematic Review and Meta Analysis-

金山 純二（東京医科大学 循環器内科）

PJ018-2 Efficacy and Limitations of Repetitive Delivery of Irrigated Radiofrequency Application

鈴木 篤（東京山手メディカルセンター 循環器内科）

PJ018-3 Minimally Invasive Direct Radiofrequency Catheter Ablation via Left-sided Minih-Thoracotomy for Refractory Ventricular Tachycardia in Patients with Prior Cardiac Surgery

潮平 親哉（東京医科歯科大学 不整脈センター）

PJ018-4 Prognostic Value of smartMIBG-HF Risk Score in Patients with Implantable Cardioverter Defibrillator: A Prospective Study

川崎 真佐登（大阪府立急性期・総合医療センター 心臓内科）

PJ018-5 Clinical Experience of Subcutaneous Implantable Cardioverter Defibrillators in Children and Adults in Japan

宗次 裕美（昭和大学 内科学講座循環器内科学部門）

PJ018-6 A Role of Subcellular Sodium Channel Localization in Phase-2 Reentry Developments in Brugada Syndrome: In Silico Study

津元 国親（大阪大学 分子細胞薬理学）

PJ018-7 Pharmacological Modification of PIP_2 Level can Affect the Ventricular Repolarization Process of *in Vivo* Heart

永澤 悦伸（東邦大学 薬学部・薬物治療学）

ポスターセッション（日本語）19 (CAD)

3月23日(金) 16:50-17:40

ポスター会場5（大阪国際会議場 10階 1008）

ACS/AMI (Clinical/Diagnosis) 1

座長:

小菅 雅美（横浜市立大学市民総合医療センター 心臓血管センター内科）

PJ019-1 Clinical Impact of D-dimer Level on Admission in Predicting Coronary No-reflow Phenomenon and In-hospital MACE in Patients Presenting with STEMI

合力 悠平（宮崎市郡医師会病院 循環器内科/佐賀大学 循環器内科）

PJ019-2 CT Image Just after Successful Primary PCI can Evaluate Symptomatic Transient ST Elevation Shows Transmural Myocardial Hemorrhage

橘田 吉信（甲府城南病院 循環器科）

PJ019-3 D-dimer as a Useful Marker Predicting In-hospital and 1-year Prognosis in Patients Presenting with ST-Segment Elevation Myocardial Infarction

合力 悠平（宮崎市郡医師会病院 循環器内科/佐賀大学 循環器内科）

PJ019-4 Comparison of Long-term Prognosis of Patients with Myocardial Infarction with Obstructive CAD (MICAD) and MI with Non-obstructive CAD (MINOCA)

小鷹 悠二（仙台市医療センター仙台オープン病院 循環器内科）

PJ019-5 Combination of Presepsin, Subtype of Soluble CD14, and High-Sensitivity Troponin T Levels Predicts Six-Month Mortality in Patients Hospitalized to CCUs

西村 豪人（藤田保健衛生大学 循環器内科）

PJ019-6 Urinary Albumin to Creatinine Ratio on Admission Improves Prediction of Acute Kidney Injury in Patients Hospitalized for Acute Coronary Syndrome

西村 豪人（藤田保健衛生大学 循環器内科）

PJ019-7 Triglyceride Deposit Cardiomyovasculopathy Latency in Acute Coronary Syndrome

佐竹 晃徳（愛知医科大学 循環器内科）

ポスターセッション（日本語）20 (CAD)

3月23日(金) 16:50-17:40

ポスター会場5 (大阪国際会議場 10階 1008)

Thromboembolism/Antithrombotic Therapy/Thrombolysis

座長:

國島 友之 (聖マリアンナ医科大学 循環器内科)

PJ020-1 Total Thrombus-formation Analysis System (T-TAS) Predicts 1-year Bleeding Events in Patients with Coronary Artery Disease

満瀬 達郎 (熊本大学 循環器内科学)

PJ020-2 Prognostic Impact of Direct Oral Anticoagulant Superior to Warfarin in Patients Receiving Dual Antiplatelet Therapy with Low CHADS2 Score.

玄 哲樹 (都立墨東病院 循環器内科)

PJ020-3 Comparison of Bleeding Risk Scores for Long-term Clinical Outcomes in Patients with Atrial Fibrillation after Percutaneous Coronary Intervention

武田 輝規 (湖東記念病院 循環器内科)

PJ020-4 Total Thrombus-formation Analysis System, as an Optimal Predictor of High Bleeding Risk in Patients Suspected Coronary Artery Disease

中西 信博 (熊本大学 循環器病態学)

PJ020-5 Fogarty Through Lumen Catheters and Guide Wires is Effective for Thromboembolism in Patients with Acute Lower Limb Ischemia

安達 健 (小牧市民病院 循環器内科)

PJ020-6 Red Cell Distribution Width can be a Prognostic Factor of Hemodynamic Stability in Follow-up Patients with Chronic Thromboembolic Pulmonary Hypertension

皆月 隼 (東京大学 循環器内科)

PJ020-7 Treatment with DOAC might be Effective and Safety against Isolated Calf Vein Thrombosis

乙井 一典 (神戸大学 総合内科)

ポスターセッション（日本語）21 (CAD)

3月23日(金) 16:50-17:40

ポスター会場5 (大阪国際会議場 10階 1008)

Thromboembolism/Antithrombotic Therapy/Thrombolysis, Cost-health Care System/DPC/Laws

座長:

和泉 俊明 (北野病院 心臓センター)

PJ021-1 Adverse Event in Patients Received Pulmonary Vein Isolation under the Unauthorized Reduced Dose DOAC

内藤 千裕 (愛知医科大学 循環器内科学)

PJ021-2 Time Course of Plasma Concentration Levels during Rivaroxaban and Apixaban Treatment in Patients with Non-valvular Atrial Fibrillation

諏訪 道博 (北摂総合病院 循環器科)

PJ021-3 Measurement of Plasma Concentration Levels during Intensive High and Prophylactic Standard Doses Therapy Using Rivaroxaban and Apixaban in Venous Thromboembolism

野原 悠貴 (北摂総合病院 循環器内科)

PJ021-4 The Incidence of Left Atrial Appendage Thrombus Depends on whether the Dose of Oral Anticoagulants (OAC) is Appropriate or not.

福永 寛 (榊原記念病院 内科)

PJ021-5 Removal of Retrievable Inferior Vena Cava Filters Which Has Penetration of Inferior Vena Cava Wall in Computed Tomography

上野 貴弘 (岐阜県総合医療センター 循環器科)

PJ021-6 Anticoagulant Use for Atrial Fibrillation in Patients on Hemodialysis: A Nationwide Cross-sectional Study in Japan

趙 晃濟 (京都大学 救急部)

ポスターセッション（日本語）22 (CAD)

3月23日(金) 16:50-17:40

ポスター会場5（大阪国際会議場 10階 1008）

Coronary Revascularization/PCI (New Devices/New Technology)

座長:

岡村 篤徳（桜橋渡辺病院 循環器内科）

PJ022-1 Differential Response of Local Coagulation after Coronary Angioplasty with Paclitaxel

山口 浩司（徳島大学 循環器内科）

PJ022-2 Comprehensive OCT/OFDI Analysis of the Excimer Laser Atherectomy Required Coronary Lesions

篠岡 太郎（東京医科歯科大学 循環器内科）

PJ022-3 Short-term Outcomes after Drug-Coated Balloon Angioplasty for de-novo Lesions in Patients with Acute Coronary Syndrome: A Case-Control Study

横町 淳（獨協医科大学 心臓・血管内科）

PJ022-4 Neointimal Tissue Characteristics and High Intensity Superficial Resions by Optical Coherence Tomography Determines Drug-Coated Balloon Response for Drug-Eluting Stent Restenosis

穴井 玲央（産業医科大学 循環器・腎臓内科）

PJ022-5 Usefulness of Novel Roadmap Guided Percutaneous Coronary Intervention for Bifurcation Lesions

滝村 英幸（総合東京病院 循環器内科）

PJ022-6 Predictors of Filter-No Reflow during Percutaneous Coronary Intervention: Insight from Near-Infrared Spectroscopy with Intravascular Ultrasound

佐藤 貴雄（立川総合病院）

PJ022-7 A Novel Angiography Device Makes It Possible to Reduce the Radiation Dose to the Patient

矢部 敬之（総合東京病院 循環器内科）

ポスターセッション（日本語）23 (HF)

3月23日(金) 16:50-17:40

ポスター会場6（大阪国際会議場 10階 1001+1002）

Heart Failure (Pharmacology)

座長:

川田 啓之（奈良県立医科大学 循環器内科）

PJ023-1 Differing Effects of Beta-Blockers on Long-term Clinical Outcomes Following Percutaneous Coronary Intervention between Patients with Mid-range and Reduced Ejection Fraction.

設楽 準（順天堂大学 循環器内科学）

PJ023-2 Efficacy and Safety of Tolvaptan for Very Elderly Patients with Acute Heart Failure

芳賀 祥江（製鉄記念八幡病院 循環器内科）

PJ023-3 The Relationship between the Time until Commencement of Tolvaptan and the Length of Hospital Stay in Heart Failure Patients

木内 俊介（東邦大学 内科学講座 循環器内科学分野）

PJ023-4 The Characteristics of the Clinical Effects of Carvedilol to the Elderly Patients with Chronic Systolic Heart Failure

高橋 清（国立病院機構信州上田医療センター 循環器内科）

PJ023-5 Influence of Long-acting versus Short-acting Loop Diuretics on Long-term Clinical Outcomes in Patients with Chronic Heart Failure

豊田 茂（獨協医科大学 心臓・血管内科）

PJ023-6 Favorable Effects of Early Tolvaptan Administration in Very Elderly Patients after Repeat Hospitalizations for Acute Decompensated Heart Failure.

川村 豪（愛媛県立中央病院 循環器内科）

ポスターセッション（日本語）24 (HF)

3月23日(金) 16:50-17:40

ポスター会場6（大阪国際会議場 10階 1001+1002）

Valvular Heart Disease/Pericarditis/Cardiac Tumor 1

座長:

谷口 繁樹（奈良県立医科大学 胸部・心臓血管外科）

PJ024-1 Emerging Role of Balloon Valvuloplasty for High-Risk Patients with Aortic Valve Stenosis

高木 祐介（いわき市立総合磐城共立病院 循環器内科）

PJ024-2 Feasibility of Transcatheter Aortic Valve Implantation under Local Anesthesia with Sedation

武藤 雄紀（榊原記念病院 循環器内科）

PJ024-3 The Cut-point of Pre-procedural Aortic Valve Area to Predict the Successful Balloon Aortic Valvuloplasty

西村 傑（山口大学 器官病態内科学）

PJ024-4 Impact of Transcatheter Aortic Valve Implantation and Surgical Aortic Valve Replacement on Early Recovery of Left Atrial Structure and Function

川谷 俊輔（鳥取大学 病態情報内科学）

PJ024-5 E/e' is a Good Predictor of Optimal Timing of Operation for Severe, Chronic and Stable Aortic Regurgitation

山田 桂嗣（高松赤十字病院）

PJ024-6 Usefulness of Three Dimensional Transesophageal Echocardiography in Balloon Aortic Valvuloplasty for Patients with Aortic Stenosis

伊東 風童（城山病院 心臓血管センター）

PJ024-7 Therapeutic Trends and Future Perspectives of TAVI Procedure from the Viewpoints of Clinical and Functional Outcomes

近沢 元太（心臓病センター榊原病院 ハートチーム）

ポスターセッション（日本語）25 (HF)

3月23日(金) 16:50-17:40

ポスター会場6（大阪国際会議場 10階 1001+1002）

Aortic and Peripheral Disease 1

座長:

湊谷 謙司（京都大学 心臓血管外科）

PJ025-1 Possibility of Protein Therapy Using PGRN and SLPI for Aortic Aneurysm

緒方 藍歌（名古屋大学 心臓外科）

PJ025-2 What is the Causal Bacteria of Infected Thoracic Aortic Disease?

坪 宏一（川崎幸病院・川崎大動脈センター 心臓血管外科・血管内科部門）

PJ025-3 Statin Enhances Cardiac Parasympathetic Component of Heart Rate Variability in Patients with Abdominal Aortic Aneurysm

中西 浩之（岡山赤十字病院 心臓血管外科）

PJ025-4 Development in Angiogenic Therapy for a Limb Ischemia Slow Release Synthetic Prostacyclin Agonist YS-1402

中川 敬也（大阪大学 心臓血管外科学）

PJ025-5 Distal Bypass to the Dialysis-dependent Patients with Critical Limb Ischemia

中村 康人（松波総合病院 心臓血管外科）

ポスターセッション（日本語）26 (HF)

3月23日(金) 16:50-17:40

ポスター会場6（大阪国際会議場 10階 1001+1002）

Heart Failure (Pharmacology/Non-pharmacology)

座長:

池田 俊太郎（愛媛大学 循環器内科）

PJ026-1 The Effect of Influenza Vaccination on Mortality and Hospitalization in Patients with Heart Failure: A Meta-Analysis

福田 英克（名古屋市立大学 臨床研究開発支援センター）

- PJ026-2 Long-term Efficacy and Safety of Tolvaptan in Outpatients with Heart Failure after Discharge**
伊藤 史之 (聖マリアンナ医科大学 循環器内科)
- PJ026-3 Relationship between Early Drop>16% in Systolic Blood Pressure and Worsening Renal Function in Patients with Acute Heart Failure**
木戸 岳彦 (昭和大学横浜市北部病院 心臓血管カテーテル室)
- PJ026-4 Adaptive Servo-ventilation Improves GNRI and Albumin Level in Patients with Heart Failure**
城宝 秀司 (富山大学 第二内科)
- PJ026-5 Various Trajectories in Palliative Care for Advanced Heart Failure**
前田 美歌 (西宮渡辺心臓・血管センター 循環器内科)

ポスターセッション (日本語) 27 (HF)

3月23日(金) 16:50-17:40
ポスター会場6 (大阪国際会議場 10階 1001+1002)

Shock, Others

座長:

立花 栄三 (川口市立医療センター 循環器科)

- PJ027-1 Action Potential Duration Dispersion is Still Significant Determinant in Lethal-Arrhythmias Even after Successful Resuscitation by Artificial-RBC (HbV) in Hemorrhagic Shock-Heart**
高瀬 凡平 (防衛医科大学校 集中治療部)
- PJ027-2 Appropriate Usage of Impella in Acute Myocardial Infarction Complicated by Cardiogenic Shock (AMICS)**
中田 淳 (Department of Cardiology, Schwabing Hospital Munich, Germany)
- PJ027-3 Predictors of In-Hospital Death in Patients with Acute Myocardial Infarction at Left Main Trunk Complicated with Cardiogenic Shock.**
小林 佑輔 (広島市民病院 循環器内科)
- PJ027-4 The Factors Affecting Prognosis of Very Elderly Heart Failure Patients with Septic Complication**
脇田 嘉登 (愛知医科大学 総合診療科)
- PJ027-5 Suppression of IL-1 Inhibited Both Angiotensin II-induced Hypertension and Aortic Aneurysm**
喜多村 健一 (順天堂大学 循環器内科学)
- PJ027-6 Co-Transplantation of Syngeneic Mesenchymal Stem Cells Reduced Immune Rejection after Allogeneic Cardiomyocytes Derived from Induced Pluripotent Stem Cells Transplantation**
吉田 昇平 (大阪大学 心臓血管外科)

ポスターセッション (日本語) 28 (HT)

3月23日(金) 16:50-17:40
ポスター会場7 (大阪国際会議場 10階 1010)

Kidney/Renal Circulation/CKD

座長:

堀尾 武史 (川崎医科大学総合医療センター 内科)

- PJ028-1 Impact of Hemorrhagic Events during Dual Antiplatelet Therapy in Patients with Hemodialysis after Second-generation Drug Eluting Stent Implantation**
清水 昭良 (産業医科大学 循環器・腎臓内科)
- PJ028-2 Cellular Iron Transport in Renal Fibrosis**
康村 誠希 (兵庫医科大学 内科学 循環器内科)
- PJ028-3 Olmesartan Inhibits Albuminuria in Mice Overexpressing Renin Independently of Blood Pressure: Its Beneficial Effects on ACE2/Ang (1-7)/Mas-axis and NADPH Oxidase Expression**
市川 博章 (弘前大学 循環器・腎臓内科)
- PJ028-4 Prevalence of Hyperuricemia and Hyperhomocysteinemia in Chronic Kidney Disease (CKD) - The Uric Acid Lowering Therapy Improved Hyperhomocysteinemia and Vascular Endothelial Dysfunction**
松村 憲太郎 (香川井下病院 循環器内科)

- PJ028-5 Enhanced B-adrenergic Response in the Dominant-negative Expression of Mouse PKD2L1 Channel.**
外山 佑一 (弘前大学 循環器腎臓内科学講座)
- PJ028-6 Mid-Term Clinical Outcomes Following Resolute Zotarolimus-Eluting Stents Implantation in Patients Requiring Hemodialysis: Interim Report from RESOLUTE HD Study**
坂 勇輝 (愛知医科大学 循環器内科)
- PJ028-7 Combined Assessment of Renal Anemia and Stress Myocardial Perfusion Imaging for Prediction of Adverse Events in Chronic Kidney Disease Patients**
笠間 周 (群馬大学 循環器内科)

Young Investigator's Award Finalists Lectures (Clinical Research)

Young Investigator's Award Clinical Research 部門審査講演

March 23 (Fri) 13:20–15:20

Room 4 (Osaka International Convention Center, 8F, 801+802)

Chairperson :

Takeshi Kimura (Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto)

1. Mitochondrial Dysfunction in Epicardial Adipose Tissue is Associated with Coronary Artery Stenosis

Takayuki Nakajima (Department of Cardiovascular Medicine, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Sapporo)

2. Evidence for Enhanced Inflammation of Coronary Adventitia and Perivascular Adipose Tissue in Patients with Vasospastic Angina -A Multi-modality Imaging Study-

Kazuma Ohyama (Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine, Sendai)

3. Effect of Current and Past Cancer Treatment on Risk of Cardiovascular Events Following Percutaneous Coronary Intervention: A Kumamoto University Malignancy and Atherosclerosis (KUMA) Study

Noriaki Tabata (Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto)

4. Comprehensive Targeted Sequencing Uncovers the Genetic Basis of Cardiomyopathy and the Genotypes Involved in Prognosis and Left Ventricular Reverse Remodeling

Takashige Tobita (Department of Cardiology, Tokyo Women's Medical University, Tokyo)

March
23
PM

第8回コメディカル賞審査講演会 1

3月23日(金) 13:20-14:50

第13会場(リーガロイヤルホテル大阪 タワーウイング 2階 桐)

診断部門

座長:

山岸 正和(金沢大学 循環器病態内科学)

池田 隆徳(東邦大学 循環器内科学)

CA1-1 IVUS、OCT を用いた移植後冠動脈病変の定量的かつ定性的検証

横田 順(東京大学 医療機器管理部)

CA1-2 心房細動アブレーション後の再発に関連する左房形態の検討

安田 奈央(名古屋掖済会病院 検査科)

CA1-3 Hot Balloon Ablation における 3 剤の静脈麻酔を用いた鎮静法の鎮静鎮痛評価と鎮静下においても疼痛を強く自覚する患者背景の考察

梅津 努(筑波大学 看護部 血管造影室)

CA1-4 心筋内脂肪沈着は左室拡張機能低下速度を加速させる

小池 よう子(みなみ野循環器病院 検査科)

CA1-5 発作性心房細動アブレーション後の心房機能: 3 次元エコーによるクライオバルーンアブレーションと高周波アブレーションの比較

南雲 涼太(埼玉県済生会川口総合病院 臨床検査科)

CA1-6 チーム医療としてのメディカルスタッフへの放射線防護・被曝低減に関する教育の検討

加藤 京一(昭和大学 保健医療学研究科)

第8回コメディカル賞審査講演会 2

3月23日(金) 16:00-17:30

第13会場(リーガロイヤルホテル大阪 タワーウイング 2階 桐)

臨床部門

座長:

荒井 秀典(国立長寿医療研究センター 高齢者総合診療科)

高橋 哲也(東京工科大学 医療保健学部)

CA2-1 先天性心疾患術後遠隔期患児の健康関連 QOL は嫌気性代謝閾値レベルの運動耐容能や身体活動状況と関連がある

藤田 吾郎(東京慈恵会医科大学 リハビリテーション科)

CA2-2 心臓植込み型デバイスで測定される activity と生命予後の関連

藤原 麻未(藤田保健衛生大学 ME管理室)

CA2-3 心臓外科術前レイレルと CKD が術後リハビリテーション進行に及ぼす影響

板垣 篤典(心臓血管研究所 リハビリテーション室)

CA2-4 下肢閉塞性動脈硬化症患者の身体活動と予後に関する研究: 縦断調査における 2 年間の心血管イベント発生とその関連因子の検討

角森 亮介(国立国際医療研究センター 看護部)

CA2-5 自転車エルゴメーター運動負荷試験を用いた透析関連低血圧の予防・管理

臼井 直人(嬉泉病院 リハビリテーション科)

CA2-6 直接経口抗凝固薬内服中の心房細動患者におけるノンアドヒアランスに関連する因子の検討

宮崎 元康(福岡大学筑紫病院 薬剤部)

チーム医療セッション シンポジウム 2 (O)

3月23日(金) 13:20-14:50

第21会場(堂島リバーフォーラム 1階 ホール)

日本臨床薬理学会—日本循環器学会ジョイントシンポジウム

薬物治療アドヒアランスとポリファーマシー

座長:

長谷川 純一(国立病院機構米子医療センター)

山田 浩(静岡県立大学 薬学部医薬品情報解析学)

1. 服薬アドヒアランスを規定する因子

山田 浩(静岡県立大学)

2. 循環器疾患における EBM とポリファーマシー

志賀 剛(東京女子医科大学 循環器内科)

3. 服薬アドヒアランス向上を目指したポリファーマシー症例に対する多面的アプローチ
芦川 直也 (豊橋ハートセンター 薬局)
4. 神戸大学病院におけるポリファーマシーに対する取り組み
木村 丈司 (神戸大学 薬剤部)

チーム医療セッション 一般演題 (ポスター) 1 (O)

3月23日(金) 15:00-15:50
ポスター会場2 (大阪国際会議場 3階 イベントホールE)
看護 (急性期) 1

座長:

寫田 理佳 (名古屋市立大学 看護学部 クリティカルケア看護学)

- CP01-1 心房細動カテーテルアブレーション治療における体温変化と発汗の差に関する実態調査
中野 妃奈 (名古屋大学 看護部 中央放射線部)
- CP01-2 せん妄を呈した集中治療室入室患者の退院時自立度
小山内 佑 (仙台市医療センター仙台オープン病院 集中治療室)
- CP01-3 医師・看護師は急性冠症候群患者の呼吸評価をどれだけ重要視しているか
佐藤 麻美 (心臓血管研究所)
- CP01-4 病棟と集中治療室でのせん妄の関係とせん妄が経過に与える影響
山口 愛 (弘前大学 看護部)
- CP01-5 カテーテル術後の貼付電極とその保護をしているポリウレタンフィルム・ドレッシング材除去に伴う皮膚障害～保護膜形成剤の有用性～
佐藤 あゆみ (済生会横浜市東部病院)
- CP01-6 心電図モニター監視の正確性と安全性の向上に関する研究～心電図モニターの不適切アラーム削減への取り組み～
奥村 千紘 (国立循環器病研究センター 看護部)
- CP01-7 経カテーテル大動脈弁置換術を受けた患者のフレイルの現状
桑野 健旭 (獨協医科大学 看護部)

チーム医療セッション 一般演題 (ポスター) 2 (O)

3月23日(金) 15:00-15:50
ポスター会場2 (大阪国際会議場 3階 イベントホールE)
薬剤・薬物療法 1

座長:

渡邊 裕司 (浜松医科大学 臨床薬理学)

- CP02-1 トルバプタン初回導入患者に対する多職種による共通指導の取り組み
山本 将司 (小牧市民病院)
- CP02-2 CKDを合併した利尿剤抵抗性心不全に対するトルバプタンの有効性と安全性
茂木 まどか (横須賀共済病院 薬剤科)
- CP02-3 心不全慢性期におけるトルバプタン長期投与の使用状況及び安全性調査
寺島 純一 (公立陶生病院 医療技術局薬剤部)
- CP02-4 慢性心不全合併2型糖尿病患者におけるSGLT2阻害薬の心腎保護効果の検討
大橋 泰裕 (草津総合病院 薬剤部)
- CP02-5 セレキシバグ治療継続のための外来支援体制の検討～PAH問診票を用いて～
中島 菜穂子 (久留米大学 看護部)
- CP02-6 増悪を繰り返す心不全患者の背景要因の検討
嵩下 賢 (長崎県島原病院 薬局)

チーム医療セッション 一般演題 (ポスター) 3 (A)

3月23日(金) 15:00-15:50
ポスター会場2 (大阪国際会議場 3階 イベントホールE)
不整脈・アブレーション 1

座長:

家坂 義人 (土浦協同病院 循環器内科)

- CP03-1 心房細動アブレーションにおける食道カテ挿入時の食道変位に関する検討
齋藤 一樹 (川崎幸病院 放射線科)

- CP03-2 THERMOCOOL SMARTTOUCH SF を用いた肺静脈隔離術における焼灼部位の FTI と局所電位減高率の相関性及び至適 FTI・局所電位減高率の検討**
鳥羽 清志郎（筑波大学 医療機器管理センター）
- CP03-3 クライオバルーンと高周波アブレーションによる左房ルーフライン性状の比較**
杉澤 朋弥（神戸市立医療センター中央市民病院 臨床工学技術部）
- CP03-4 心房細動アブレーションにおける血管内皮機能変化と血清 primary microRNA の関連究明**
波野 史典（鹿児島大学 検査部）
- CP03-5 心房細動に対するカテーテルアブレーションにおける心臓 MRI の有用性**
岡田 華奈（大阪急性期・総合医療センター 医療技術部）
- CP03-6 肺静脈隔離術で使用する食道温度カテーテルの温度変化応答の比較**
南部 洋三（大阪府済生会中津病院 臨床工学技術部）
- CP03-7 心房細動アブレーション時の呼気二酸化炭素分圧モニタリングの検討**
中村 悟士（神戸市立医療センター中央市民病院 臨床工学技術部）

チーム医療セッション 一般演題（ポスター）4 (IM)

3月23日（金） 15:00-15:50

ポスター会場2（大阪国際会議場 3階 イベントホールE）

非侵襲検査・エコー 1

座長:

種村 正（心臓血管研究所 臨床検査室）

- CP04-1 PFO 閉鎖栓が与える心機能への影響**
池田 まどか（岡山大学 超音波診断センター）
- CP04-2 大動脈弁狭窄症におけるカラードプラガイド大動脈弁通過血流最大速度計測の有用性**
有吉 亨（山口大学 超音波センター）
- CP04-3 超高齢者の高度大動脈弁狭窄症患者の臨床的特徴**
遠藤 祥子（筑波大学・水戸地域医療教育センター水戸協同病院 生理検査部）
- CP04-4 左前下行枝有意狭窄に対する経胸壁冠動脈エコーで計測した最大拡張期冠血流速度比の有用性**
永井 仁志（山口県立総合医療センター 中央検査部）
- CP04-5 心房中隔欠損症における経皮的カテーテル閉鎖術の左房機能に与える影響**
池田 まどか（岡山大学 超音波診断センター）

チーム医療セッション 一般演題（ポスター）5 (O)

3月23日（金） 16:50-17:40

ポスター会場2（大阪国際会議場 3階 イベントホールE）

リハビリテーション・身体活動 1（高齢者）

座長:

島田 健永（香芝生喜病院 循環器内科）

- CP05-1 高齢虚血性心疾患における包括的外来心臓リハビリテーションが及ぼす影響について～冠危険因子、身体機能に着目して～**
岩崎 孝俊（みなみ循環器病院 リハビリテーション科/八王子みなみ野心臓リハビリテーションクリニック）
- CP05-2 高齢心不全患者の立ち上がり能力低下は歩行機能と密接に関連する**
高良 優希（綾瀬循環器病院理学療法科）
- CP05-3 高齢心臓リハビリテーション施行患者におけるプレフレイルと不安レベルとの関連**
本沢 晶雄（順天堂大学 健康スポーツ室）
- CP05-4 糖尿病は高齢心大血管手術後患者における周術期筋力低下の程度に影響を与える**
瀧野 皓哉（岐阜ハートセンター 心臓リハビリテーション室）
- CP05-5 認知症合併心疾患症例に対する心臓リハビリテーション プログラムの効果**
高沢 賢成（平成とうや病院）
- CP05-6 高齢心不全患者における CONUT 法を用いた栄養評価と ADL 能力の関連性**
長谷川 壮（中通総合病院 リハビリテーション部）
- CP05-7 高齢者や腎機能低下症例の外來心臓リハビリテーション効果の検討**
角本 雅彦（JCHO横浜中央病院 理学診療部）

チーム医療セッション 一般演題（ポスター）6 (O)

3月23日(金) 16:50-17:40

ポスター会場2（大阪国際会議場 3階 イベントホールE）

事例・症例報告 1

座長:

東條 美奈子（北里大学 医療衛生学部）

- CP06-1** 急性期病院における退院調整—心肺停止蘇生後の高次脳機能障害がある患者の事例—
成田 和代（弘前大学 第一病棟7階）
- CP06-2** 左室補助人工心臓離脱後、外来リハビリテーションにより運動耐容能・QOLが改善した劇症型心筋炎の一例
根津 智之（九州大学 リハビリテーション部）
- CP06-3** 末期心不全患者に対する心臓リハビリテーションチームの関わり
宮坂 昭彦（新潟市民病院 リハビリテーション技術科）
- CP06-4** 広範囲前壁、後壁 ST 上昇型急性心筋梗塞後症例に対する心臓リハビリテーション
有馬 泰昭（関西医科大学 リハビリテーション科）
- CP06-5** 低拍出症候群をきたした拡張型心筋症患者に対する継続的リハビリテーションの一例
嶋 輝（静岡市立清水病院 リハビリテーション技術科）

チーム医療セッション 一般演題（ポスター）7 (O)

3月23日(金) 16:50-17:40

ポスター会場2（大阪国際会議場 3階 イベントホールE）

倫理・教育・救急

座長:

竹村 博文（金沢大学 先進総合外科）

- CP07-1** 当院においてカテーテル室へ直接搬送された院外心停止症例の検討
小森田 翔（心臓病センター榊原病院）
- CP07-2** 訪問看護師を対象とした在宅心不全看護セミナーの評価と課題
佐野 元洋（千葉大学 看護学研究科 博士後期課程）
- CP07-3** 補助人工心臓症例を初めて受け持つ看護師の教育ニーズについての病棟間比較検討
鮫島 佳典（東京女子医科大学 看護部）
- CP07-4** 多学部間連携によるチーム医療教育の実践
榎田 めぐみ（昭和大学 保健医療学部）
- CP07-5** 急変時のシミュレーション教育による効果～不安軽減について～
島田 寛子（昭和大学）
- CP07-6** 急性冠症候群と急性大動脈症候群による心停止患者の臨床的特徴の比較検討
河村 健吾（横浜市立みなと赤十字病院 検査科）

チーム医療セッション 一般演題（ポスター）8 (CAD)

3月23日(金) 16:50-17:40

ポスター会場2（大阪国際会議場 3階 イベントホールE）

侵襲検査・血管内治療（冠動脈）1

座長:

川村 克年（桜橋渡辺病院 診療支援部 放射線科）

- CP08-1** 光干渉断層装置における各種 3D 機能の比較検討
橋 健太郎（大阪急性期・総合医療センター）
- CP08-2** VISICUBE と HDi の測定誤差による比較検討
上間 由（千葉西総合病院 臨床工学科）
- CP08-3** 薬剤溶出性ステント留置後に光干渉断層法と血管内視鏡で観察した STENT 内の評価について
縮 恭一（筑波大学 医療機器管理センター）
- CP08-4** DCB 施行患者と Laser+DCB 施行患者の比較～BMS と DES を踏まえて～
畠山 優華（千葉西総合病院）

- CP08-5** 高速 pull back による血管内超音波の計測値の検討
瀧山 弘也 (浜松医科大学 医療機器管理部)
- CP08-6** IVUS 高速 Pull back による stent 長計測の精度についての検討
平塚 悦子 (産業医科大学 臨床工学部)

チーム医療セッション 一般演題 (ポスター) 9 (IM)

3月23日(金) 16:50-17:40
ポスター会場2 (大阪国際会議場 3階 イベントホールE)

画像診断 (CT/MR/RI) 1

座長:

佐々木 将平 (大阪市立大学 中央放射線部)

- CP09-1** 当院で心臓 MRI を施行した健常人における心筋の Native T1 mapping の比較検討
水野 裕文 (土岐市立総合病院 中央放射線部)
- CP09-2** 高速撮影技術を用いた非造影 10 分間迅速心臓 MRI 検査 (10min-Scan 法) の臨床的有用性に関する検討
稲本 英樹 (心臓画像クリニック飯田橋)
- CP09-3** Delay Time の最適化による MRI の収縮期心筋 T1 mapping
新井 英雄 (福岡県済生会二日市病院)
- CP09-4** 急性心筋梗塞の梗塞部位の Native T1 値と発症から再灌流までの時間との相関
中尾 和之 (蘇生会総合病院)
- CP09-5** Pseudo Golden Angle Radial scan を用いた非呼吸同期下胸部大動脈 MRA の検討
吉田 学誉 (東京警察病院 放射線科/東北大学 保健学専攻画像解析学分野)
- CP09-6** 静脈ライン法での ATP 負荷心筋血流 MRI の安全性に関する検討
小林 真琴 (心臓画像クリニック飯田橋)

チーム医療セッション 一般演題 (ポスター) 10 (IM)

3月23日(金) 16:50-17:40
ポスター会場2 (大阪国際会議場 3階 イベントホールE)

放射線防護

座長:

加藤 守 (秋田県立脳血管研究センター 放射線科診療部)

- CP10-1** Radiation Dose Structured Report (RDSR) を利用した被ばく線量管理レポートシステムにおける患者被ばく部位の表示精度に関する検討
伊藤 等 (千葉市立青葉病院)
- CP10-2** 心臓カテーテル検査治療に従事する医師の 2 種類の X 線防護メガネの検討
荒井 一正 (武蔵野赤十字病院 放射線技術科)
- CP10-3** スポット透視機能の設定領域を全面にする透視線量低減の検討
大崎 陽平 (日本大学 放射線部)
- CP10-4** 腹部大動脈ステントグラフト内挿術における移動型 X 線装置と固定型血管撮影装置の特性比較～患者被ばく低減に向けて～
小野 茂樹 (福岡大学 放射線部)
- CP10-5** 当院における経カテーテルの大動脈弁置換術 (TAVR) 施行時の被ばく線量について
藤元 雄大 (東京ベイ・浦安市川医療センター 放射線室)

チーム医療セッション 一般演題 (ポスター) 11 (O)

3月23日(金) 16:50-17:40
ポスター会場2 (大阪国際会議場 3階 イベントホールE)

その他 1

座長:

貝谷 和昭 (大津赤十字病院 循環器科)

- CP11-1** 農村漁村地域は都市部に比較して心房細動有病率が高い
腰山 誠 (岩手県予防医学協会)
- CP11-2** 大動物 フォンタン循環モデル作成に向けた下大静脈絞扼によるプレコンディショニング戦略の検証
逢坂 大樹 (岡山大学 心臓血管外科)

- CP11-3** 非純正互換 SpO₂ プローブ使用の信頼性についての検討
中井 浩司（名古屋掖済会病院 臨床工学部）
- CP11-4** 当センターでの植え込みデバイスに対する遠隔モニタリングを活用した運営方法の検討
坂本 亮輔（新宮市立医療センター 臨床工学部）
- CP11-5** 電子カルテ PC を利用したアンギオ経過記録の製作
八馬 豊（川崎幸病院 CE科）
- CP11-6** 日常生活動作や認知機能が低下した高齢心不全患者における介護保険制度利用に対する検討
高宮 久美子（奈良県立医科大学 看護部）

Coffee Break Seminar 1

3月23日(金) 15:00-15:50

第5会場(大阪国際会議場 11階 1101+1102)

今こそ知っておくべき失神患者の診断最前線—Reveal LINQ 活用の実際—

座長:

安部 治彦(産業医科大学 不整脈先端治療学)

1. 植込み型心臓モニタ登場による失神原因究明のパラダイムシフト

丹下 正一(前橋赤十字病院 心臓血管内科)

2. 失神の診断と治療の実際—Insertable Cardiac Monitor の使い方

古川 俊行(聖マリアンナ医科大学東横病院 失神センター)

共催: 日本メドトロニック株式会社

Coffee Break Seminar 2

3月23日(金) 15:00-15:50

第6会場(大阪国際会議場 12階 特別会議場)

心腎連関の新しい展開

座長:

斎藤 能彦(奈良県立医科大学 循環器内科学)

多臓器連関または非心筋細胞からみた心不全

小室 一成(東京大学 循環器内科学)

共催: 田辺三菱製薬株式会社

Coffee Break Seminar 3

3月23日(金) 15:00-15:50

第10会場(リーガロイヤルホテル大阪 タワーウイング 3階 光琳1)

再生医療による心不全治療

座長:

布田 伸一(東京女子医科大学 重症心不全制御学分野)

新浪 博士(東京女子医科大学 心臓血管外科)

1. 心不全治療の現状と再生医療への期待—循環器内科医の立場から—

百村 伸一(自治医科大学附属さいたま医療センター)

2. 再生医療による心不全治療

澤 芳樹(大阪大学 心臓血管外科学)

共催: 第一三共株式会社/クオリプス株式会社

Coffee Break Seminar 4

3月23日(金) 15:00-15:50

第11会場(リーガロイヤルホテル大阪 タワーウイング 3階 光琳2)

卵円孔開閉と潜因性脳梗塞: 最新のエビデンス

座長:

中村 正人(東邦大学医療センター大橋病院 循環器内科)

1. 木村 和美(日本医科大学 神経・脳血管内科)

2. 赤木 禎治(岡山大学 循環器内科)

共催: アボット(セント・ジュード・メディカル株式会社)

Coffee Break Seminar 5

3月23日(金) 15:00-15:50

第13会場 (リーガロイヤルホテル大阪 タワーウイング 2階 桐)

Stent graft treatment brings good fortune to aortic dissection patients

-大動脈解離に対するステントグラフト治療-

座長:

加地 修一郎 (神戸市立医療センター中央市民病院 循環器内科)

加藤 雅明 (森之宮病院 心臓血管外科)

共催: 日本ゴア株式会社

Coffee Break Seminar 6

3月23日(金) 15:00-15:50

第17会場 (リーガロイヤルホテル大阪 ウェストウイング 2階 ダイヤモンド)

肺高血圧症における右室機能評価の意義とリオシグアトの有用性について

座長:

佐藤 徹 (杏林大学 第二内科)

村田 光繁 (慶應義塾大学 臨床検査医学/循環器内科)

共催: バイエル薬品株式会社

Fireside Seminar 1

3月23日(金) 18:00-19:00

第3会場 (大阪国際会議場 7階 701+702)

肺動脈性肺高血圧症における薬剤治療 overview

~国内外ガイドライン及び最新の Topic に注目して~

座長:

上野 高義 (大阪大学 外科学講座 心臓血管外科)

高橋 朋彦 (グラクソ・スミスクライン株式会社 開発本部 希少疾患医薬品開発センター)

共催: グラクソ・スミスクライン株式会社

Fireside Seminar 2

3月23日(金) 18:00-19:00

第4会場 (大阪国際会議場 8階 801+802)

家族性高コレステロール血症の治療戦略一つ、どのように治療介入すべきか? -

座長:

山下 静也 (りんくう総合医療センター/大阪大学大学院 総合地域医療学寄附講座)

斯波 真理子 (国立循環器病研究センター研究所 病態代謝)

共催: エージェリオンファーマシューティカルズ株式会社

Fireside Seminar 3

3月23日(金) 18:00-19:00

第5会場(大阪国際会議場 11階 1101+1102)

今改めて考える糖尿病患者の病態に即した降圧治療とは?

座長:

伊藤 正明(三重大学 循環器・腎臓内科学)

山岸 昌一(久留米大学 糖尿病性血管合併症病態・治療学)

共催: 日本ベーリンガーインゲルハイム株式会社/アステラス製薬株式会社

Fireside Seminar 4

3月23日(金) 18:00-19:00

第6会場(大阪国際会議場 12階 特別会議場)

BNPの新展開

座長:

川井 真(東京慈恵会医科大学 内科学講座 循環器内科)

1. BNPの歩み

吉村 道博(東京慈恵会医科大学 内科学講座 循環器内科)

2. BNP; 低ければ良いのか

南井 孝介(東京慈恵会医科大学 内科学講座 循環器内科)

3. BNP研究の新展開

桑原 宏一郎(信州大学 循環器内科学教室)

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

Fireside Seminar 5

3月23日(金) 18:00-19:00

第7会場(大阪国際会議場 12階 1202)

第3世代DESは何をもたらしたのか -ステント治療を再考する-

座長:

柴田 剛徳(宮崎市郡医師会病院 心臓病センター 循環器内科)

七里 守(日本赤十字社名古屋第二赤十字病院)

1. 第二世代DESの概念

中澤 学(東海大学 循環器内科)

2. 大規模臨床試験データから考える

外海 洋平(大阪警察病院 循環器内科)

3. 血管内視鏡から見た第3世代DESへの期待

上野 高史(久留米大学 循環器病センター)

共催: ボストン・サイエンティフィック ジャパン株式会社

Fireside Seminar 6

3月23日(金) 18:00-19:00

第8会場(大阪国際会議場 12階 グラントック)

肺動脈性肺高血圧症(PAH)の治療ターゲットとしてのBMPR2シグナル伝達系

座長:

渡邊 裕司(浜松医科大学 臨床薬理学講座)

**The role of BMPR2 signaling in the pathophysiology of PAH:
from basic research to clinical practice**

Edda Spiekeroetter (Stanford University, USA)

共催: 日本新薬株式会社

Fireside Seminar 7

3月23日(金) 18:00-19:00

第10会場(リーガロイヤルホテル大阪 タワーウイング 3階 光琳1)

循環器医の不眠診療

～「眠り」のお悩みありませんか?～

座長:

井上 博(富山県済生会富山病院)

岡田 武規(広島赤十字・原爆病院 循環器内科)

共催: エーザイ株式会社

Fireside Seminar 8

3月23日(金) 18:00-19:00

第11会場(リーガロイヤルホテル大阪 タワーウイング 3階 光琳2)

Orsiro DES: Current Clinical Evidence and Future Clinical Perspective

座長:

中村 正人(東邦大学医療センター大橋病院 循環器内科)

門田 一繁(倉敷中央病院 循環器内科)

1. Current clinical evidence for the clinical performance and safety of Orsiro DES

中川 義久(天理よろづ相談所病院 循環器内科)

2. Future clinical perspective of Orsiro DES

中村 正人(東邦大学医療センター大橋病院 循環器内科)

共催: 日本ライフライン株式会社

Fireside Seminar 9

3月23日(金) 18:00-19:00

第12会場(リーガロイヤルホテル大阪 タワーウイング 3階 光琳3)

糖尿病患者の心血管イベント抑制に GLP-1 受容体作動薬をどのように活用すべきか?

座長:

倉林 正彦(群馬大学 内科学講座 循環器内科学)

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

共催: ノボ ノルディスク ファーマ株式会社

Fireside Seminar 10

3月23日(金) 18:00-19:00

第13会場(リーガロイヤルホテル大阪 タワーウイング 2階 桐)

pVAD 時代における IABP の役割: 心原性ショックへのアプローチ

座長:

河口 廉(群馬県立心臓血管センター 循環器内科)

山本 剛(日本医科大学 心臓血管集中治療科)

共催: ゲティンググループ・ジャパン株式会社

Fireside Seminar 11

3月23日(金) 18:00-19:00

第14会場(リーガロイヤルホテル大阪 タワーウイング 2階 桂)

TAVIの価値とは

座長:

小林 順二郎(国立循環器病センター 心臓血管外科部門)

1. How Far TAVI Has Come

Susheel Kodali (Heart Valve Center, Columbia University, New York, USA)

2. TAVIの価値: 医療経済の観点から

坂巻 弘之(東京理科大学 経営学部)

共催: エドワーズライフサイエンス株式会社

Fireside Seminar 12

3月23日(金) 18:00-19:00

第15会場(リーガロイヤルホテル大阪 タワーウイング 2階 牡丹)

識る/診る/予防する-睡眠時無呼吸と心血管疾患の連鎖-

座長:

清野 精彦(日本医科大学千葉北総病院/日本医科大学 名誉教授)

1. 高血圧マネジメントにおける睡眠時無呼吸治療の意義~自治医科大学高血圧研究より~

星出 聡(自治医科大学 内科学講座 循環器内科学部門)

2. 睡眠呼吸障害を見逃さない

一スクリーニングする、心血管疾患の病態を読み解くー

河野 隆志(慶應義塾大学 循環器内科 重症心不全治療学寄附講座)

クロージングリマックス:

清野 精彦(日本医科大学千葉北総病院/日本医科大学 名誉教授)

共催: 帝人ファーマ株式会社/帝人在宅医療株式会社/レスメド株式会社

Fireside Seminar 13

3月23日(金) 18:00-19:00

第16会場(リーガロイヤルホテル大阪 ウェストウイング 2階 ペリドット)

脂質異常症患者における心血管イベント再発予防の治療戦略 -EPA/AA 比の重要性-

座長:

辻田 賢一(熊本大学 生命科学研究部 循環器内科学分野)

岩淵 成志(琉球大学 循環器・腎臓・神経内科学講座)

共催: 持田製薬株式会社

Fireside Seminar 14

3月23日(金) 18:00-19:00

第17会場(リーガロイヤルホテル大阪 ウェストウイング 2階 ダイヤモンド)

ワルファリン服用患者の出血リスクマネジメントにおける

4F-PCC(プロトロンビン複合体製剤) ケイセントラ®の位置づけ

座長:

山下 武志(心臓血管研究所)

矢坂 正弘(国立病院機構九州医療センター 脳血管センター 脳血管・神経内科)

共催: CSL ベーリング株式会社

Fireside Seminar 15

3月23日(金) 18:00-19:00

第18会場 (リーガロイヤルホテル大阪 ウエストウイング 2階 楓)

糖尿病合併 **CKD** 患者の個別化降圧療法 —SGLT2 阻害薬の意義—

座長:

佐野 元昭 (慶應義塾大学 循環器内科)

古波蔵 健太郎 (琉球大学 血液浄化療法部)

共催: 大正富山医薬品株式会社

March
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