March 23 (Fri) PM / 3月23日（金）午後

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, Sagamihara）

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 Slaughter (Department of Cardiovascular and Thoracic Surgery, University of Louisville School of Medicine, USA)
State-of-the-Art:
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
Shuichi Kato (Department of Cardiovascular Medicine, Osaka University, Suita)
3. Lymphatic 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:
1. The Value of Pace-mapping during Sinus Rhythm to Localize the Critical Isthmus of Post-Infarct Ventricular Tachycardia
Joshua D. Moss (University of California San Francisco, USA)
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 2階 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 涉（日本医科大学 循環器内科学分野）
堀江 慶（東京医科大学 呼吸循環器内科）

1. Early Repolarization is Involved in Ventricular Fibrillation in Patients with Variant Angina
篠原 徹二（大阪大学 循環器内科・心臓血管内科）

2. 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）

3. Early Repolarization Syndrome Caused by a De Novo KCND3 Gain-of-Function Mutation
高山 幸一郎（済生会医科大学 呼吸循環器内科）

4. Prognostic Significance of Cardiac Magnetic Resonance in Risk Stratification for Sudden Cardiac Death in Patients with Hypertrophic Cardiomyopathy.
龍 一樹（千葉医科大学 循環器内科）

5. Predictors of Arrhythmic Events in High-risk Hypertrophic Cardiomyopathy Patients with Prophylactic Implantable Cardioverter Defibrillator
鈴木 敏（東京女子医科大学 循環器内科）

6. 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）

7. Risk Stratification Techniques for Prediction of Cardiac Mortality in Patients with Left Ventricular Dysfunction: First Report of the JANIES Study
木下 利雄（東京大学 循環器内科）

8. 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 2階 ウエストウイング 2階 ベリドット）
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（梶原記念病院 循環器内科）
遠藤 智之（東京医科薬科大学 救急科）

1. 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）

2. Impact of a Multidisciplinary Team Approach Including an Intensivist on the Outcomes of Cardiac Critically Ill Patients
嘉崎 勇一郎（信州大学 高度救命救急センター）

3. 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）

4. 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）

5. 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:
池内 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
池内 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 Transcutaneous Foramen Ovale Closure; Clinical Usefulness of Positional Angiography
Kazuhiko 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)
Shuney 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
特別会場 (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！
・難読する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）
トピック 2 (A)

3月23日(金) 16時00分～17時30分
第2会場（大阪国際会議場 5階 小ホール）
AFの抗血栓療法 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）
清水浩（日本医科大学・循環器内科）

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)

3月23日(金) 13時20分～14時05分
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時20分～14時05分
第14会場（リーガロイヤルホテル大阪 タワーウィング 2階 桜）

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
川尾 七臣（自治医科大学 循環器内科）

3. Serum Triglyceride Predicts First Cardiovascular Events in Diabetic Patients with Hypercholesterolemia and Retinopathy: Post-hoc Analysis of a Randomized Controlled Trial
多田 卓人（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 勝（京都大学 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
川尾 七臣（自治医科大学 循環器内科）

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
経カテテル弁膜症治療の Pit fall～私はこうしている～

座長：
高山 守正（神原記念病院 循環器内科）
志水 秀行（慶應義塾大学 外科 心臓血管）

1. 側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 嘉紀（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 嘉（大阪大学 国際循環器学）

中村 崇（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 Associated 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 Hirotaka (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 Tsutsu (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 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)

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, Toyoohashi Heart Center, Toyoohashi)
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
Yoshio Tsukiyarna (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 Sience, 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 Biodegradable 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)
Shinji 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 FFRT 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 Neatherosclerosis 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)

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 Medial 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
Yasutera 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 Yarmamura (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 Yarmamura (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 "F-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 Widyantoro (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-Ichsemic 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 Univeristy Graduate School of Medicine, Kanazawa)

**Oral Presentation (English) 33 (HF)**

March 23 (Fri) 13:00—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 iPSC Cell Derived Cardiomyocyte**
Yuiki 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)
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 Wanthon (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)
Hirotsubu 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 Procedures 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
Tonomobu Abe (Department of Cardiac Surgery, Nagoya University, Nagoya)

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 Neocuspization for Patients with Aortic Stenosis
Yasunori Iida (Department of Cardiovascular Surgery, Ogiubo 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 (Division of Cardiovascular Surgery, Kyoto Prefectural University of Medicine, Kyoto)
Tohru Asai (Department 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, Nagasaki University Hospital, Nagasaki)

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  Surical 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 Cardiovascular 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 Nomi (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 Tohosu 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 (RHGA 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, Toyoura 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 β-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-Tohosu 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 Daichi 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, Hirshima 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 Cather Ablation for Atrial Fibrillation
Masafumi Mizusawa (Cardiovascular Center, Yokosuka Kyosai Hospital, Yokosuka)

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**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)

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 Yamagarni (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 Yamagarni (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)

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**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, Tsuichiura Kyoto General Hospital, Tsuichiura)

**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, Hiroaki University School of Medicine, Hiroaki)

**OE41-6** Tactics for Disseminating Prehospital Electrocardiogram Transmission in Kawasaki City
Satoru Okhuma (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-leads 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)

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**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, Moriyama)
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 β-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 隆之（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 Polynsaturated 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 Acetycholrine-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）

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 慎一（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
長板 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 心臓血管内科）

OJ09-4 Staged Hybrid Therapy of PEA and BPA for CTEPH Patients Having Distal Lesions
小泉 信達（東京医科大 心臓血管内科）

OJ09-5 Changeover Trial of Febuxostat and Topiroxostat for Hyperuricemia with Cardiovascular Disease (TROFEO Trial)
瀧在 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 心臓血管内科）
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（福岡県立医科大学 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 Empagliflozin 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
羽黒 慶（神戸大学 循環呼吸器病態学）

OJ10-4 Effects of SGLT2 Inhibitor Dapagliflozin on Epidermal and Visceral Fat in Patients with Diabetes and Metabolic Syndrome: Randomized Controlled Trial
椎名 一紀（東京医科大 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 ウエストウイング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 大楠（福岡大学 心臓血管内科学・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）
横手 奉太郎（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 眞文（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)
**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**
Atsushi 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**
Yoichiro 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 Iekada (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 Iwakami (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**
Michiyoshi 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 Nishikawa (Cardiology and Nephrology, Hiroshima University Graduate School of Medicine, Hiroshima)

**PE002-4 Right Ventricular Function Predicts Beneficial Effects of Cardiac Rehabilitation in Patients with Chronic Heart Failure**
Hiromitsu Sone (Department of Cardiovascular Medicine, Tokushima University Hospital, Tokushima)

**PE002-5 Echocardiographic Assessment of Right Ventricular Function in Heart Failure with Preserved Ejection Fraction**
Shun Ijiri (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
Hidenobu 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 "F-fluorodeoxyglucose ("F-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
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 Normcholesterolemia
Jo Kato (Department of Cardiology, Mito Kyodo Hospital, Mito)

PE004-3 The Role of Plasma Lipoprotein Lipase, Hepatic Lipase and GPIHBP1 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, Shimotuka)

**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  
Tomohiko 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)

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**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 (Division 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, Kamisai Gaii Hospital, Kamisu)

**PE006-3** Safety and Efficacy of the Leadless Transcatheter Pacing System: Single Center Initial Experience  
Takahiko Kinjo (Department of Cardiology, Hirosaki University Graduate School of Medicine, Hirosaki)

**PE006-4** True Right Ventricular Lead Tip Position Confirmed by Thoracic CT and Its Prognostic Effect in Patients with Complete Atroventricular 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** Atroventricular Conduction Recovery after Permanent Pacemaker Implantation for Complete Atroventricular 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 LQTI Registry
Asarni Kashiiwa (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 Preordial 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:
Taisho Kuhwara (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
Keihey 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
Yasutauer 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
Tominoha Nanao (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 Reconnections of Pulmonary Vein and Extra-PV Triggers after Second-generation Cryoballoon Isolation
Masao Yamaguchi (Division of Cardiology, Cardiovascular Center, Tsuchiura Kyoto 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, NHI 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, Otse Red Cross Hospital, Otse)

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 Sugiiura (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 Nagaoaka (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 GadoliniumEnhancement 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)
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 Iwashashi (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
Hiromi 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 Nenoto (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 Hospital, 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, Fujif 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)
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
Kanitorn Soontorndhada  (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
Hiroto Kiriyama (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 Paraoxonase-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
Nobuhiro 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
Hirosi 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
Hirotugu Mitsuhashi (Cardiovascular Center, St Luke’s International Hospital, Tokyo)
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, Kaio 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)

PE024-1 Maintenance Dose of Prasugrel 2.5mg is Appropriate in Elderly or Lower Body Weight Patients
Shinichi Wakabayashi (Department of Cardiology, Chiba University Graduate School of Medicine, Chiba)

PE024-2 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)

PE024-3 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)

PE024-4 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 Cardiomycocyte and Non-cardiomycocyte 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** 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 Sato (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)

PE025-3 Impact of Renal Tubular Damage, as Assessed by Urinary N-acetyl-\( \beta \)-D-glucosaminidase, 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.
Hirosi 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
Yuuske Nakano (Department of Cardiology, Aichi Medical University, Nakakura)

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 WiFi 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 Crossover System for Intrapopliteal 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
Toyko 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)

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**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 Neatherosclerosis and Plaque Progression in Untreated Non-culprit Lesions after Second-generation Drug-eluting Stents Implantation: Five-year Follow-up OCT Study
Yoshitaka Murakawa (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
Gentaro 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
Kohel Sugiuara  (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)

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**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 Tanigai  (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
Kentaro 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)
Poster Session (English) 33 (A)

March 23 (Fri)  16:00—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++ Cannel was Impaired in Human iPS 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)  16:00—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 RYTHMIA 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, Hiroaki 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:
Keiichi 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
Keiichiro Kuronuma (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 Oginosawa (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-dimensinal 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 Canter, 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)
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 (Division 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, Yokusuka Kyosai Hospital, Yokusuka)  

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)
Title: Poster Session (English) 41 (CAD)

Date: March 23 (Fri)
Time: 16:50—17:40
Location: Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Panel: 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 Daichi 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)

Title: Poster Session (English) 42 (CAD)

Date: March 23 (Fri)
Time: 16:50—17:40
Location: Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Panel: 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 (Rakukai Kyoto Cardiovascular Intervention Center, Rakukai 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)

Title: Poster Session (English) 43 (CAD)

Date: March 23 (Fri)
Time: 16:50—17:40
Location: Poster Presentation Room 4 (Osaka International Convention Center, 10F, 1009)

Panel: 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 Law 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 Me2c 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 Cardiorenal Fibrosis via the Apoptosis Signal Regulating Kinase-1 Pathway
Feby 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, Shimotoga)

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:
Yukihiro 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-hospitalizaiton 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 with Atrial Fibrillation
Masayoshi Oikawa (Department of Cardiovascular Medicine, Fukushima Medical University, Fukushima)
**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  
Ryoenshi 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 Telovaptan 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)

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**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 Makes 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
Fumiyoshi 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 Shiraiishi (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
Kazuhito Shimnadu (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)
Bi-Atiral 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（名古屋市立大学 心臓・腎臓内科）

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）

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
橋口優（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-
阿部篤麿（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）

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; Tanoshimaru Study
穂本美佳（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
高橋広聡（横浜市立大学市民総合医療センター 心臓血管センター）
Arrhythmia, Others (Clinical/Diagnosis/Treatment) 1

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 伯徳（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）

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）
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
篠間 周（群馬大学 循環器内科）

PJ005-5 Comparison of Neointimal Feature between SYNERGY® and PROMUS® Observed by Serial Angiography
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）

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（JR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
鷹尾 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）
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（紀内病院 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 循環器内科）
PJ007-3 Growth of Vasa Vasorum is Associated with Local Inflammation around Coronary Plaque in Fresh Cadavers
伊藤浩敏（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 醫療衛生学部 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.
崔南赫（慶州大学 循環器病態学講座）
PJ008-2 Phospholipase A. 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 器官病理内科学）
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
佐野是和（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.
佐藤嘉浩（市立豊中病院心臓病センター 循環器科）

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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
渕口信吾（岐阜大学 生再生医科学循環・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
槇谷憲司（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）

PJ010-2 Endovascular Aneurysm Repair Increases Aortic Stiffness and Central Aortic Pressure
髙瀬谷 滋（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（森の宮病院 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 哲春（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 文裁（大阪大学 心臓血管外科学/テレモ株式会社）

PJ011-7 Brentuximab Vedotin is Specific iPSC-eliminating Agent, Promising Safer Clinical Application of HiPSC-based Cell Therapy
寒川 嶺子（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（都立大壑病院 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（天理よるず相談所病院 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 Imagings

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 CHADS, 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-
佐貴 仁宣（産業医科大学 第二内科）
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）

核医学（Coronary/Myocardium/Others）座長：
塚井 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
増岡 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（聖徳三国原病院 循環器内科）

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 栄樹（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）

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: 李鍾鎬（大阪大学 先端心臓再生医学共同研究講座）

PJ016-1  I-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 譲（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 丈文（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
綱岡 道孝（広島大学 循環器内科学）

PJ016-7  Arrhythmicogenic Beta-adrenergic Signaling in Cardiac Hypertrophy: The Role of Small Conductance Calcium Activated Potassium Channels via Activation of CaMKII
鎌田 増（北海道大学 循環器内科学）

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  Potted 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 泰之朗（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 憲美（東邦大学 薬学部 薬物治療学）
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（東京医科歯科大学 循環器内科学）

PJ018-2 Efficacy and Limitations of Repetitive Delivery of Irrigated Radiofrequency Application
鈴木 慶（東京福祉大学 循環器内科学）

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 人間環境科学）

PJ018-4 Prognostic Value of smartMIBG-HF Risk Score in Patients with Implantable Cardioverter Defibrillator: A Prospective Study
川崎 眞幸（大阪府立大学 医学部循環器内科学）

PJ018-5 Clinical Experience of Subcutaneous Implantable Cardioverter Defibrillators in Children and Adults in Japan
宗次 佑美（明治大学 医学部循環器内科学）

PJ018-6 A Role of Subcellular Sodium Channel Localization in Phase-2 Reentry Developments in Brugada Syndrome: In Silico Study
津元 国朗（大阪大学 医学部循環器内科学）

PJ018-7 Pharmacological Modification of PIP, Level can Affect the Ventricular Repolarization Process of in Vivo Heart
永澤 悦伸（東京大学 医学部循環器内科学）

ポスターセッション（日本語）19 (CAD)

3月23日（金）16：50－17：40

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学）

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 恒平（福岡市立大学病院 循環器内科学）

PJ019-2 CT Image Just after Successful Primary PCI can Evaluate Symptomatic Transient ST Re-elevation Shows Transmural Myocardial Hemorrhage
橋田 吉信（甲府病院 循環器内科）

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 恒平（福岡市立大学病院 循環器内科学）

PJ019-4 Comparison of Long-term Prognosis of Patients with Myocardial Infarction with Obstructive CAD (MICAD) and MI with Non-obstructive CAD (MINOCA)
小塚 恒二（相模台病院 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 太度（藤田保健大学 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 太度（藤田保健大学 循環器内科）

PJ019-7 Triglyceride Deposite Cardiomyovascularpathy 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：
国嶋 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
溝瀬 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 Thromboembolectomy 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 龜（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（橿原記念病院 内科）

PJ021-5 Removal of Retrieveable 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 晃治（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：
姫村篤德（桜橋病院 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
湊村英幸（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）
PJ023-2 Efficacy and Safety of Tolvaptan for Very Elderly Patients with Acute Heart Failure
芳賀祥江（製鋼記念八幡病院 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
高橋裕（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）
Valvular Heart Disease/Pericarditis/Cardiac Tumor 1

PJ024-1 Emerging Role of Balloon Valvuloplasty for High-Risk Patients with Aortic Valve Stenosis
高木 树介（いわき市立総合病院 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（栃木記念病院_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 嘉（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
川井 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 桂司（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 颯（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（心臓病センター樋原病院_ハートチーム）

Aortic and Peripheral Disease 1

PJ025-1 Possibility of Protein Therapy Using PGRN and SLPI for Aortic Aneurysm
細川 聡司（名古屋大学_心臓外科）

PJ025-2 What is the Causal Bacteria of Infected Thoracic Aortic Disease?
井上 宏一（川崎病院・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）

Heart Failure (Pharmacology/Non-pharmacology)

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（西宮近辺心臓・血管センター 循環器内科）

ボスターセッション（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 九平（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
齋田 優登（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）

ボスターセッション（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:
塩尾 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 錫希（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)
第 8 回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 タワーニング 2 階 桐）
診断部門
座長：
山岸 正和（金沢大学 循環器病態内科）
池田 陸徳（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 心房細動アプリケーション後の再発に関連する左房形態の検討
安田 奈央（名古屋大学循環器病院）
CA1-3 Hot Balloon Ablation における 3 割の静脈麻酔を用いた鎮静法の鎮静薬過剰と镇静下においても
疼痛を強く自覚する患者背景の考察
梅津 努（筑波大学 医療部 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（みつき野循環器病院 検査科）
CA1-5 発作性心房細動アプリケーション後の心房機能：3 次元エコーによるクライオパルーンアプリケーション
と高周波アプリケーションの比較
南雲 潤太（埼玉県済生会川口総合病院 臨床検査科）
CA1-6 シーズン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 タワーニング 2 階 桐）
臨床部門
座長：
荒井 秀典（国立長崎医療研究センター 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者の健康関連 QOL は慢性性代謝関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 と生存予後の関連
藤原 麻未（藤田保健衛生大学 ME管理室）
CA2-3 心臓外科術前フレイルと 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：継続調査における 2 年間の心血管イベント
発症率に関する研究
角森 亮介（国立国際医療研究センター 医療部）
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
竹井 直人（福岡病院 リハビリテーション科）
CA2-6 直接経鍼抗凝固薬在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 薬学部薬物情報解析学）
1. 薬物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 循環器内科学）
3. 服薬アドヒアランス向上を目指したボ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ボ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：
鳥田 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 奈奈（名古屋大学 看護学 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ボ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 鍼割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：
渡邉 裕司（浜松医科大学 臨床薬理学）

CP02-1 トルバプラゾ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ラゾ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ラゾン長期投与の使用状況及び安全性調査
寺島 純一（公立立生病院 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 ベレキシブブラガ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～
中鳥 薫子（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素の検討
黒下 嗣（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ーテル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）
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）
非優襲検査・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（島上大学 超音波診断センター）

CP04-2 大動脈弁狭た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 隆（山口大学 超音波診断センター）

CP04-3 超高齢者の高度大動脈弁狭栄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 左前下行枝有宮狭らに対する縦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る影響
沖田 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（香芝生興病院 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仮しに影響について～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下は歩行機能と密接に関連する
高良 優希（岐阜医療機器研究所生理学医療）

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 智雄（順天堂大学 健康スポーツ室）

CP05-4 糖尿病心臓心血管病後患者における周術期筋力低下の程度に影響を与える
瀬野 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 諧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来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的事例—
成田 和代（弘前大学　第一病棟7階）

CP06-2 臓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が改善した症例
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 彰彦（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
鴻 煌（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（心臓病センター梅原病院）

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
鰤島 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
樫田 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～
鳥田 寛子（昭和大学）

CP07-6 急性冠状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（桜橋総合病院　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 藥剤選択性ステント置留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
貫 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）
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
ポスターホール3（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値と病程から再灌流までの時間との相関
中尾和之（筑紫会総合病院）

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（東京橋梁病院 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
ポスターホール3（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 当院における心カテーテル的外大動脈弁置換術（TAVR）施行時の被ばく線量について
藤元雄大（東京ベイ・浦和市立臨床センター 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
ポスターホール3（大阪国際会議場 3階 イベントホール E）
その他1
座長：
賀谷和昭（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
腰山聡（岩手県予防医学協会）

CP11-2 大動物フォンターダル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（名古屋協労会病院 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 壱輔（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）
心臓連関の新しい展開
座長：
斉藤 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　重症心不全研究分野）
　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/クオリプレス株式会社

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）
卵円孔開存と潜在性脳梗塞：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 祐治（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 タワーウィング 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 ウエストウイング 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ンギ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〜いつ、どのように治療介入すべきか〜

座長：
山下 静也（ひろく総合医療センター/大阪大学大学院 総合地域医療学寄附講座）

斯波 眞理子（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 糖尿病症候群併症病態・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 循環器内科教室）
共催：塩野義製薬株式会社/協和メディックス株式会社/東ソー株式会社/株式会社LSIメディエンス/アポット 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（宮崎市立医師会病院 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 Spierekerkoetter（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（富山県病史会富山病院）
岡田 武規（広島赤十字・原爆病院 循環器内科）
共催：エーザー株式会社

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（東邦大学医学センター大橋病院 循環器内科）
門田 一穂（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（天理よろず相談所病院 循環器内科）
2. Future clinical perspective of Orsiro DES
中村 正人（東邦大学医学センター大橋病院 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：ノボノリディスク 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 廣（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 タワーワイング 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
坂塚 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 タワーワイング 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
－スクリーニングする、心血管疾患の病態を読み解く－
河野 陸風（慶應義塾大学 循環器内科 重症心不全治療学寄附講座）

クロージングリマーズ：
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 ウエストウイング 2階 ベリドット）

脳卒中後遺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 ウエストウイング 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

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回（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）
　古波藏 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