

7月18日 (木)

第1日目

第 1 会場 | 石川県立音楽堂 2F コンサートホール

Oral Presentation 1

AF 1

8:30-9:30

Chair : Masaharu Masuda (kansai Rosai Hospital, Japan)
 Chair : Michifumi Tokuda (The Jikei University School of Medicine, Japan)
 Discusser : Yuichiro Sakamoto (Toyohashi Heart Center, Japan)
 Discusser : Tomohiro Miyata (Biwako Ohashi Hospital, Japan)

- 01-1 MULTIVARIATE ANALYSIS EVALUATING THE PREVENTIVE EFFECT OF SPARCL1 DERIVED FROM EPI-CARDIAL ADIPOCYTES ON POSTOPERATIVE ATRIAL FIBRILLATION FOLLOWING CARDIOVASCULAR SURGERY 27
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Oral Presentation 2

AF 2

11:00-12:10

Chair : Takayuki Otsuka (The Cardiovascular Institute, Japan)
 Chair : Kunihiko Kiuchi (Yodogawa Christian Hospital, Japan)
 Discusser : Tomoya Ozawa (Shiga University of Medical Science, Japan)
 Discusser : Shintaro Yamagami (Tenri Hospital, Japan)

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Chair : Yuki Hasegawa (Niigata University, Japan)		
Discussor : Manabu Kashiwagi (Wakayama Medical University, Japan)		
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AVNRT study		8:30-9:30
Chair : Kazuo Usuda (Toyama Prefectural Central Hospital, Japan)		
Chair : Atsushi Kobori (Kobe City Medical Center General Hospital, Japan)		
Discussor : Yoshitaka Kimura (Leiden University Medical Center Department of Cardiology, Netherlands)		
Discussor : Shu Hirata (Nihon University, Japan)		
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Oral Presentation 5

AF balloon 1 11:00-12:10

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Discussor : Kenji Enta (Hokuto Hospital, Japan)
Discussor : Jun Sakai (Osaka Saiseikai Nakatsu Hospital, Japan)

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第 5 会場 | ANA クラウンプラザホテル金沢 3F 鳳 (中)

Oral Presentation 6

Case Series 8:30-9:30

Chair : Norikazu Watanabe (Kanto Rosai Hospital, Japan)
Chair : Kimitake Imamura (Kobe University Graduate School of Medicine, Japan)
Discussor : Yuhei Kasai (Sapporo Cardio Vascular Clinic, Japan)
Discussor : Haruka Matsuura (National Cerebral and Cardiovascular Center, Japan)

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第 6 会場 | ホテル日航金沢 3F 孔雀の間 A

Oral Presentation 7

Supraventricular Tachyarrhythmias

9:50-10:50

Chair : Tetsuya Haruna (Medical Research Institute Kitano Hospital, Japan)
 Chair : Tsuyoshi Mishima (NHO Osaka National Hospital, Japan)
 Discusser : Yuichiro Miyazaki (National Cerebral and Cardiovascular Center, Japan)
 Discusser : Koji Yasumoto (Osaka Rosai Hospital, Japan)

- 07-1 EVALUATION OF PACING RATE-DEPENDENT CHANGE OF LEFT ATRIAL REGIONAL AMPLITUDE AND CONDUCTION PROPERTIES USING ULTRAHIGH-RESOLUTION MAPPING SYSTEM 48
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 Speaker : Taiji Okada (Nippon Medical School, Japan)

第 7 会場 | ホテル日航金沢 3F 孔雀の間 C

Oral Presentation 8

Bradycardias 2

14:10-15:20

Chair : Fumiharu Miura (Kawasaki Saiwai Hospital Heart Center, Japan)
 Chair : Hiroshi Kawakami (Ehime University Hospital, Japan)
 Discusser : Kohei Sawasaki (Hamamatsu Medical Center, Japan)
 Discusser : Junji Morita (Sapporo Cardio Vascular Clinic, Japan)

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 Speaker : Daisuke Yoshimoto (Toyohashi Heart Center, Japan)

第 9 会場 | ホテル金沢 2F ダイヤモンド A

Oral Presentation 9

Heart Failure 1

8:30-9:40

Chair : Takeshi Shirayama (Omihachiman Community Medical Center, Japan)

Chair : Kazuo Sakamoto (Kyushu University Hospital, Japan)

Discussor : Makoto Nakano (Tohoku University, Japan)

Discussor : Junichi Kamoshida (Tokyo Medical University Hospital, Japan)

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Speaker : Shigetoshi Sakabe (Japanese Red Cross Ise Hospital, Japan)
- 09-6 ANALYSIS OF THE DIAGNOSTIC ACCURACY OF HEARTLOGIC AND OPTIVOL INDEXES IN EARLY DETECTION OF HEART FAILURE EVENTS 58
Speaker : Junya Matsuura (Saiseikai Kumamoto Hospital, Japan)

Oral Presentation 10

Case Device 1

14:10-15:20

Chair : Tadakatsu Yamada (Ehime Prefectural Central Hospital, Japan)

Chair : Mitsuaki Ito (Hyogo Prefectural Harima-Himeji General Medical Center, Japan)

Discussor : Shunsuke Kawai (Fukuoka Red Cross Hospital, Japan)

Discussor : Kohei Ukita (Osaka Rosai Hospital, Japan)

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Speaker : Takuji Kitazawa (Tokai University, Japan)

Oral Presentation 11

Clinical Studies 1

16:40-17:50

Chair : Takeshi Ueyama (Yamaguchi Prefectural Grand Medical Center, Japan)
 Chair : Koji Fukuzawa (Kobe University Graduate School of Medicine, Japan)
 Discussor : Kensuke Ihara (Tokyo Medical and Dental University, Japan)
 Discussor : Kohei Iwasa (Sakurabashi Watanabe Advanced Healthcare Hospital, Japan)

- O11-1 GASTRIC HYPOMOTILITY AFTER ADJUNCTIVE PULMONARY VEIN AND POSTERIOR WALL ISOLATION USING CRYOBALLOON IN PATIENTS WITH ATRIAL FIBRILLATION: CASE CONTROL STUDY** 63
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第 10 会場 | ホテル金沢 2F ダイヤモンド B

Oral Presentation 12

Arrhythmia Syndromes (Brugada, LQT, ER, etc) 1

8:30-9:30

Chair : Yasuya Inden (Nagoya University Graduate School of Medicine, Japan)
 Chair : Miyako Igarashi (University of Tsukuba, Japan)
 Discussor : Akira Fukui (Oita University, Japan)
 Discussor : Satoshi Oka (National Cerebral and Cardiovascular Center, Japan)

- O12-1 CAN OPTIMAL MEDICAL THERAPIES ALONE PREVENT LIFE-THREATENING CARDIAC EVENTS CAUSED BY THE CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA ?** 67
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- O12-3 A CASE OF LONG QT SYNDROME ASSOCIATED WITH PROPIONIC ACIDEMIA** 68
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- O12-4 A CASE OF BRUGADA SYNDROME IN WHICH THE LATE ANNOTATION MAPPING MODULE HELPED TO REVEAL THE ARRHYTHMOGENIC SUBSTRATE** 69
 Speaker : Yuki Shibuya (Osaka Police Hospital, Japan)
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 Speaker : Minoru Tagawa (Nagaoka Chuo General Hospital, Japan)

第 11 会場 | ホテル金沢 2F ダイヤモンド C

Oral Presentation 13

組織・生理・その他

8:30-9:30

Chair : Takeshi Soeki (Tokushima University Graduate School of Biomedical Sciences, Japan)

Chair : Kazuaki Kaitani (Otsu Red Cross Hospital, Japan)

Discussor : Tomoyuki Kabutoya (Jichi Medical University, Japan)

Discussor : Hisanori Kanazawa (Kumamoto University Hospital, Japan)

- 013-1 RELATIONSHIP BETWEEN SECRETOMES FROM HUMAN EPICARDIAL ADIPOCYTES AND ATRIAL LYMPHATICS 70
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Speaker : Ryota Yamauchi (Nagoya University Hospital, Japan)
- 013-5 EFFICACY AND SAFETY OF BIPOLAR RADIOFREQUENCY ABLATION: ROLE OF CATHETER SELECTION WITH AND WITHOUT USING TWO IRRIGATION CATHETERS 72
Speaker : Takumi Kasai (Niigata University, Japan)

Oral Presentation 14

薬物治療

15:30-16:50

Chair : Yasuko Tanabe (Asahikawa Medical University, Japan)

Chair : Takeshi Tobiume (Kawashima Hospital, Japan)

Discussor : Daisuke Yakabe (NHO Kyushu Medical Center, Japan)

Discussor : Shinichi Harada (Mie University Hospital, Japan)

- 014-1 WHEN SHOULD BEPRIDIL CONCOMITANT WITH CATHETER ABLATION FOR PERSISTENT ATRIAL FIBRILLATION BE DISCONTINUED? : THE IMPORTANCE OF LEFT ATRIAL REVERSE REMODELING 73
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- 014-5 THE CLINICAL CHARACTERISTICS OF THE FATAL INTERSTITIAL PNEUMONIA ASSOCIATED WITH AMIODARONE 75
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Speaker : Yoshihiro Harano (Gifu Heart Center, Japan/University of Tsukuba, Japan)
- 014-7 ONE-YEAR OUTCOME OF JAPANESE PATIENTS WITH ATRIAL FIBRILLATION: INSIGHTS FROM APHRS-AF REGISTRY 76
Speaker : Kenji Yodogawa (Nippon Medical School, Japan)

Oral Presentation 15

AF 3

16:50-18:00

Chair : Masatsugu Ohe (Kurume University, Japan)

Chair : Shingo Maeda (Tohoku Medical and Pharmaceutical University, Japan)

Discussor : Kaoru Takami (Kita-Harima Medical Center, Japan)

Discussor : Yosuke Hayashi (Sakakibara Heart Institute, Japan)

- O15-1 PEAK FREQUENCY MAPS PREDICT THE OPTIMAL ABLATION SITES OF THE LEFT ATRIAL POSTERIOR WALL ISOLATION 78
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Speaker : Hideko Toyama (Fukuoka Sanno Hospital, Japan)
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Speaker : Shu Yamashita (NHO Disaster Medical Center, Japan)
- O15-4 DURABILITY OF PULMONARY VEIN ISOLATION AND RISK FACTORS FOR PULMONARY VEIN RECONNECTION DURING ABLATION OF PAROXYSMAL ATRIAL FIBRILLATION: COMPARISON BETWEEN HIGH-POWER SHORT-DURATION AND CRYOBALLOON ABLATION 80
Speaker : Yukihiro Inamura (Japanese Red Cross Saitama Hospital, Japan)
- O15-5 EPICARDIAL CONNECTION FOLLOWING SUCCESSFUL RADIOFREQUENCY MITRAL ISTHMUS ABLATION 80
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Speaker : Shunsuke Miyauchi (Hiroshima University Graduate School of Biomedical and Health Sciences, Japan)

7月19日 (金) 第2日目

第 1 会場 | 石川県立音楽堂 2F コンサートホール

Oral Presentation 16

Tachycardias 14:00-15:10

Chair : Takahiro Saeki (NHO Kanazawa Medical Center, Japan)
 Chair : Akio Kuroi (Wakayama Medical University, Japan)
 Discusser : Yuichiro Sagawa (Japan Red Cross Yokohama City Bay Hospital, Japan)
 Discusser : Tomoya Ogawa (National Cerebral and Cardiovascular Center, Japan)

- O16-1 MACHINE LEARNING-BASED CLUSTERING USING 12-LEAD ELECTROCARDIOGRAM IN IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR PATIENTS TO IDENTIFY FUTURE VENTRICULAR ARRHYTHMIA** 82
 Speaker : Ryo Tateishi (Yokohama Minami Kyosai Hospital, Japan)
- O16-2 IMPACT OF RIGHT VENTRICULAR SYSTOLIC FUNCTION ON CARDIAC RESYNCHRONIZATION THERAPY OUTCOME** 83
 Speaker : Toshinori Chiba (Chiba University Graduate School of Medicine, Japan)
- O16-3 LOW POWER DEFIBRILLATION THRESHOLD TEST FOR S-ICD IMPLANTATION** 83
 Speaker : Yuki Takai (Showa University, Japan)
- O16-4 CHANGING IN THE SHOCK IMPEDANCE UNDERGOING GENERATOR REPLACEMENT IN PATIENTS WITH THE SUBCUTANEOUS IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR** 84
 Speaker : Yuji Ishida (Hirosaki University, Japan)
- O16-5 CHARACTERISTICS AND PREDICTORS FOR HIGH SUCCESS RATE OF ANTITACHYCARDIA PACING FOR VENTRICULAR TACHYCARDIA TERMINATION IN ICD RECIPIENTS** 84
 Speaker : Satoshi Yanagisawa (Nagoya University Graduate School of Medicine, Japan)
- O16-6 THE EFFICACY OF INTRINSIC ANTITACHYCARDIA PACING** 85
 Speaker : Koumei Onuki (Kokura Memorial Hospital, Japan)

第 2 会場 | 石川県立音楽堂 2F 邦楽ホール

Oral Presentation 17

AF 4 9:40-10:50

Chair : Kikuya Uno (Tokyo Heart Rhythm Hospital, Japan)
 Chair : Masaya Watanabe (Hokko Memorial Hospital, Japan)
 Discusser : Yuhi Fujimoto (Nippon Medical School, Japan)
 Discusser : Yoshitake Oshima (Gifu Prefectural General Medical Center, Japan)

- O17-1 SPATIAL RESOLUTION AND REPRODUCIBILITY OF ATRIAL PACE MAPPING BASED ON DUAL CHAMBER INTRACARDIAC ELECTROGRAMS** 86
 Speaker : Kennosuke Yamashita (Sendai Kousei Hospital, Japan)
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 Speaker : Arihide Okahara (Fukuoka Red Cross Hospital, Japan)
- O17-3 SEVERITY CHANGE OF VALVULAR HEART DISEASE AND RELATED FACTORS IN PATIENTS UNDERWENT CATHETER ABLATION FOR ATRIAL FIBRILLATION/FLUTTER** 88
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- O17-4 CLINICAL SIGNIFICANCE OF UNIPOLAR/BIPOLAR VOLTAGE DISCREPANCY AFTER PULMONARY VEIN ISOLATION** 88
 Speaker : Takuya Tomomori (Tottori University Hospital, Japan)
- O17-5 AGE-SPECIFIC DIFFERENCE IN IMPACT OF INTERVAL BETWEEN DIAGNOSIS OF ATRIAL FIBRILLATION AND INITIAL ABLATION ON RECURRENCE AFTER PULMONARY VEIN ISOLATION** 89
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	Chair : Norishige Morita (Tokai University Hachioji Hospital, Japan)	
	Chair : Seichiro Matsuo (Kyorin University, Japan)	
	Discussor : Keita Sano (Yamanashi Prefectural Central Hospital, Japan)	
	Discussor : Nobuhiro Nakamura (National Cerebral and Cardiovascular Center Hospital, Japan)	
O18-1	ASSOCIATION BETWEEN INTRAOPERATIVE LEFT ATRIAL PRESSURE AND CLINICAL OUTCOMES OF ABLATION FOR ATRIAL FIBRILLATION IN PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY	90
	Speaker : Daiki Yamashita (Mie University Hospital, Japan)	
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	Speaker : Toshio Makita (Tokyo Heart Rhythm Clinic, Japan)	
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	Speaker : Yosuke Murase (Komaki City Hospital, Japan)	

第 3 会場 石川県立音楽堂 B1F 交流ホール

Oral Presentation 19		
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.....		
	Chair : Katsuhito Yamamoto (Kochi Health Sciences Center, Japan)	
	Chair : Mariko Tanaka (JCHO Kobe Central Hospital, Japan)	
	Discussor : Hiroshi Hayashi (Nippon Medical School, Japan)	
	Discussor : Takashi Ikee (National Cerebral and Cardiovascular Center, Japan)	
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	Speaker : Minako Kagimoto (Saiseikai Yokohamashi Nanbu Hospital, Japan)	
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	Speaker : Shuhei Yano (Keio University, Japan)	
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	Speaker : Kensuke Kikuchi (NHO Yokohama Medical Center, Japan)	

Oral Presentation 20

Case AF を含む上室性, または先天性心疾患合併の不整脈

16:30-17:40

Chair : Yoshihito Hata (Tokyo Kamata Hospital, Japan)
 Chair : Jun Yoshimoto (Shizuoka Children's Hospital, Japan)
 Discusser : Shigeru Tateno (Chiba Kaihin Municipal Hospital, Japan)
 Discusser : Hiroko Goto (Nagoya Tokushukai General Hospital, Japan)

- O20-1 TWO QRS MORPHOLOGIES DURING VENTRICULAR TACHYCARDIA ASSOCIATED WITH VENTRICULAR SEPTUM PATCH SUCCESSFULLY ABLATED AT A CRITICAL ISTHMUS IN PATIENT FOLLOWING TETRALOGY OF FALLOT REPAIR 97
 Speaker : Dai Asada (Osaka Women's and Children's Hospital, Japan)
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 Speaker : Ayaka Yoshihara (Amagasaki General Medical Center, Japan)
- O20-3 ADENOSINE SENSITIVE ATRIAL TACHYCARDIA AT INFERO-LATERAL TRICUSPID VALVE AREA 98
 Speaker : Hirohiko Suzuki (Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)
- O20-4 COMPLETE ATRIOVENTRICULAR BLOCK AS A COMPLICATION OF CRYOCATHETER ABLATION FOR A SEPTAL ACCESSORY PATHWAY IN A 1-YEAR-OLD BOY WITH MULTIPLE VENTRICULAR SEPTAL DEFECT 99
 Speaker : Yoko Yoshida (Osaka City General Hospital, Japan)
- O20-5 CHARACTERISTICS OF RECENT UPPER LOOP REENTRY IN THE RIGHT ATRIUM 99
 Speaker : Yukiko Shimizu (Hyogo Prefectural Amagasaki General Medical Center, Japan)
- O20-6 ATRIAL TACHYCARDIA IN PULMONARY HYPERTENSION IS MORE LIKELY TO ARISE FROM THE RIGHT ATRIUM 100
 Speaker : Tsukasa Watanabe (Kyusyu University, Japan)

第 4 会場 | ANA クラウンプラザホテル金沢 3F 鳳 (西)

Oral Presentation 21

Clinical Studies 2

14:00-15:10

Chair : Yukio Sekiguchi (Sakakibara Heart Institute, Japan)
 Chair : Naoyuki Miwa (Tsuchiura Kyodo General Hospital, Japan)
 Discusser : Motomi Tachibana (The Sakakibara Heart Institute of Okayama, Japan)
 Discusser : Satoshi Oka (National Cerebral and Cardiovascular Center, Japan)

- O21-1 LEFT SEPTAL FASCICLE BLOCK IN ACUTE CORONARY SYNDROME: CLINICAL PRESENTATION AND PROGNOSTIC IMPLICATIONS 101
 Speaker : Yuko Matsui (Tokyo Women's Medical University, Japan/NHO Yokohama Medical Center, Japan)
- O21-2 ELECTROCARDIOGRAPHIC MEASURES FOR IDENTIFYING STAGES OF HYPERTROPHIC CARDIOMYOPATHY 102
 Speaker : Naomi Hirota (The Cardiovascular Institute Hospital, Japan)
- O21-3 PULMONARY VEIN INTERVENTION FOR SEVERE PULMONARY VEIN STENOSIS AFTER ATRIAL FIBRILLATION ABLATION 103
 Speaker : Tomonori Katsuki (Kokura Memorial Hospital, Japan)
- O21-4 A RELATIONSHIP BETWEEN ATRIAL HIGH-RATE EPISODES (AHRE) AND CLINICALLY DOCUMENTED ATRIAL FIBRILLATION 103
 Speaker : Yoshihiro Sobue (Fujita Health University Bantane Hospital, Japan)
- O21-5 SERUM VASOACTIVE INTESTINAL PEPTIDE AND LOW-VOLTAGE AREAS IN PATIENTS WITH ATRIAL FIBRILLATION 104
 Speaker : Kotaro Nishino (Hokkaido University, Japan)
- O21-6 GENOME WIDE ASSOCIATION STUDY FOR RECURRENCE OF ATRIAL FIBRILLATION IN JAPANESE POPULATIONS 104
 Speaker : Takumi Sakai (Hiroshima University Graduate School of Biomedical and Health Sciences, Japan)

第 5 会場 | ANA クラウンプラザホテル金沢 3F 鳳 (中)

Oral Presentation 22

AF Cohort study

8:30-9:40

Chair : Satoru Sakagami (NHO Kanazawa Medical Center, Japan)

Chair : Satoshi Shizuta (Kyoto University, Japan)

Discusser : Masaya Shinohara (Toho University, Japan)

- O22-1 A COMBINED GENETIC AND CLINICAL RISK SCORES FOR THE PREVALENCE OF ATRIAL FIBRILLATION AND SEX DIFFERENCES 105
Speaker : Sayuri Tokioka (Tohoku University, Japan/Tohoku University Graduate School of Medicine, Japan)
- O22-2 ASSESSING THE EFFECTIVENESS OF THE DOAC SCORE IN JAPANESE PATIENTS WITH ATRIAL FIBRILLATION: A FOCUS ON BLEEDING RISKS AND PATIENT PERCEPTION 106
Speaker : Takahiko Nishiyama (Keio University, Japan)
- O22-3 CARBOHYDRATE INTAKE AND ATRIAL FIBRILLATION RISK IN A JAPANESE URBAN POPULATION: A PROSPECTIVE COHORT STUDY 106
Speaker : Paramita Khairan (National Cerebral and Cardiovascular Center, Japan)
- O22-4 PREVALENCE OF ATRIAL FIBRILLATION WITH LONG-TERM CONTINUOUS HOLTER ECG RECORDING AMONG URBAN RESIDENTS: FINDINGS FROM THE SUITA STUDY NEXT 107
Speaker : Paramita Khairan (National Cerebral and Cardiovascular Center, Japan)
- O22-5 F-WAVE VECTOR MAGNITUDE AND LEFT ATRIAL DIAMETER PREDICT RECURRENCE AFTER CATHETER ABLATION OF ATRIAL FIBRILLATION 107
Speaker : Misaki Naka (Mitsubishi Kyoto Hospital, Japan)
- O22-6 APPROPRIATE TIMING OF CATHETER ABLATION FOR VENTRICULAR TACHYCARDIA WITH EMERGENCY HOSPITALIZATION: JROAD-DPC DATABASE ANALYSIS 108
Speaker : Mai Ishiwata (National Cerebral and Cardiovascular Center, Japan)

Oral Presentation 23

Heart Failure 2

14:00-15:10

Chair : Michio Ogano (NHO Shizuoka Medical Center, Japan)

Chair : Takafumi Oka (Osaka University Graduate School of Medicine, Japan)

Discusser : Ikuko Togashi (Kyorin University, Japan)

Discusser : Kengo Korai (Kokura Memorial Hospital, Japan)

- O23-1 CLINICAL OUTCOME OF LEFT BUNDLE BRANCH AREA PACING IN PATIENTS WITH BRADYCARDIA 109
Speaker : Ko Akimoto (Shin-yurigaoka General Hospital, Japan)
- O23-2 SINGLECENTER EXPERIENCE WITH TRANSVENOUS LEAD EXTRACTION OF QUADRIPOLE ACTIVE FIXATION CORONARY SINUS LEAD 110
Speaker : Takehiro Nomura (Sendai Kousei Hospital, Japan)
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Speaker : Kazuyuki Yamanaka (Komaki City Hospital, Japan)
- O23-4 NARROW PACED QRS IS THE INDEPENDENT NEGATIVE PREDICTOR OF HEART FAILURE HOSPITALIZATION: IMPLICATION OF RIGHT VENTRICULAR SEPTAL PACING 111
Speaker : Yuichiro Miyazaki (National Cerebral and Cardiovascular Center, Japan)
- O23-5 A CASE OF TETRALOGY OF FALLOT IN WHICH A 3D SHEATH WAS USEFUL FOR CRT-D SYSTEM IMPLANTATION 111
Speaker : Tomoko Takahashi (Tokushima University, Japan)
- O 23-6 CLINICAL ANALYSIS OF 7 CASES OF LEFT BUNDLE BRANCH-OPTIMIZED CARDIAC RESYNCHRONIZATION THERAPY 112
Speaker : Yasumasa Nohno (Saku Central Hospital Advanced Care Center, Japan)

第 6 会場 | ホテル日航金沢 3F 孔雀の間 A

Oral Presentation 24

VT

8:30-9:50

Chair : Tatsuya Hayashi (Jichi Medical University Saitama Medical Center, Japan)

Chair : Masato Fukunaga (Kokura Memorial Hospital, Japan)

Discussor : Naoaki Hashimoto (Yamagata University, Japan)

Discussor : Misun Pak (Koseikai Takeda Hospital, Japan)

- 024-1 ELECTROGRAM WAVEFORM CLUSTERING OF SUBSTRATE MAP IS A POTENTIAL USEFUL METHOD FOR IDENTIFICATION OF CRITICAL VENTRICULAR TACHYCARDIA ISTHMUSES 113
Speaker : Yuka Seki (Sakakibara Heart Institute, Japan)
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- 024-3 LONG-TERM OUTCOME AFTER VT SUBSTRATE ABLATION AND ITS IMPACT ON PRIMARY AND SECONDARY PREVENTION ICD INDICATION IN PATIENTS WITH REPAIRED TETRALOGY OF FALLOT 114
Speaker : Yoshitaka Kimura (Department of Cardiology, Leiden University Medical Center, The Netherlands/Willem Einthoven Center of Arrhythmia Research and Management, Leiden University Medical Center, The Netherlands/Center for Congenital Heart Disease Amsterdam-Leiden (CAHAL), Leiden University Medical Center, The Netherlands)
- 024-4 THREE-DEMENTIONAL IMAGING BY USING INHEART MODELS FOR DETECTING CONDUCTION BLOCK ZONES AS AN ABLATION TARGET SITE OF VENTRICULAR TACHYCARDIA ASSOCIATED WITH STRUCTURAL HEART DISEASE 115
Speaker : Masato Hachisuka (Nippon Medical School, Japan)
- 024-5 THE USEFULNESS OF DELAYED-ENHANCED COMPUTED TOMOGRAPHY FOR IDENTIFYING THE SUBSTRATE OF VENTRICULAR TACHYCARDIA 115
Speaker : Takayuki Goto (Nagoya University Graduate School of Medicine, Japan)
- 024-6 UTILITY OF FUNCTIONAL SUBSTRATE MAPPING WITH PEAK FREQUENCY ANNOTATION IN SCAR-RELATED VT 116
Speaker : Yasuaki Tsumagari (Miyazaki Medical Association Hospital, Japan)
- 024-7 ABLATION MODE AND EXCITABILITY PRESERVED MYOCARDIUM AROUND THE DURABLE LESION: COLOR-CHANGE-BASIS ASSESSMENT VS. PACING UNCAPTURED MYOCARDIUM 116
Speaker : Osamu Saitoh (Niigata University, Japan)

Oral Presentation 25

Basic, Genetic and Pathophysiology

10:00-11:00

Chair : Seiko Ohno (National Cerebral and Cardiovascular Center, Japan)

Chair : Takeru Makiyama (Kyoto University, Japan)

Discussor : Tadashi Nakajima (Gumma University, Japan)

Discussor : Hiroshige Murata (Nippon Medical School, Japan)

- 025-1 THE CARDIAC TRPM4 CHANNEL: NEW INSIGHTS ABOUT ITS PHARMACOLOGY 117
Speaker : Hugues Abriel (University of Bern, Switzerland)
- 025-2 CHARACTERIZATION OF A NOVEL SLC4A3 VARIANT IDENTIFIED IN A SHORT QT SYNDROME FAMILY BY ZEBRAFISH MODELS 118
Speaker : Ming Zhu (National Cerebral and Cardiovascular Center, Japan)
- 025-3 EFFECTIVENESS OF MEDICAL THERAPY IN PATIENTS WITH SYMPTOMATIC BRUGADA SYNDROME 118
Speaker : Tetsuji Shinohara (Oita University, Japan)
- 025-4 SYMPATHETIC NEUROTRANSMITTER ALTERATION IN ISCHEMIC HEART FAILURE MODEL: IMPLICATIONS FOR VENTRICULAR ARRHYTHMOGENESIS 119
Speaker : Jiro Koya (Hokkaido University Graduate School of Medicine, Japan)
- 025-5 INTEGRATIVE TRANSCRIPTOMIC AND HISTOLOGICAL ANALYSIS IN DILATED CARDIOMYOPATHY REVEALS FGFR INHIBITION AS A POTENTIAL THERAPY FOR CARDIAC FIBROSIS 119
Speaker : Reo Hata (Kyoto University Hospital, Japan/Center of iPS Cell Research and Application, Kyoto University, Japan)

Oral Presentation 26

Clinical Studies 3

16:30-17:40

Chair : Takashi Yamada (Takaishi- Fujii Hospital, Japan)
 Chair : Nobuhiro Nishii (Okayama University Graduate School of Medicine, Japan)
 Discusser : Satoshi Yanagisawa (Nagoya University Graduate School of Medicine, Japan)
 Discusser : Kentaro Goto (Tokyo Medical and Dental University Hospital, Japan)

- O26-1 IMPEDANCE RISE AFTER ONE SCREW ROTATION PREDICTS ACCEPTABLE CAPTURE THRESHOLD IN LEADLESS PACEMAKER Aveir™ VR IMPLANTS 120
 Speaker : Ryusuke Ota (JCHO Chukyo Hospital, Japan)
- O26-2 THE IMPACT OF PREOPERATIVE MALNUTRITION ON PATIENTS WITH PACEMAKER IMPLANTATION 121
 Speaker : Koji Yasumoto (Osaka Rosai Hospital, Japan)
- O26-3 WHICH IS MORE SUITABLE FOR PREDICTING THE OPTIMAL LEFT ATRIAL APPENDAGE CLOSURE DEVICE SIZE, TRADITIONAL MAXIMUM DIAMETER OR PERIMETER DERIVED DIAMETER? 121
 Speaker : Satoko Ryuzaki (Chiba University Graduate School of Medicine, Japan)
- O26-4 COMPUTED TOMOGRAPHIC PREDICTORS FOR ELECTROGRAM AMPLITUDE IN SUBCUTANEOUS IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS 122
 Speaker : Hiroshi Hasegawa (Gunma University Graduate School of Medicine, Japan)
- O26-5 WHAT IS A PREDICTOR OF INCREASING THE CAPTURE THRESHOLD IN LEFT BUNDLE BRANCH AREA PACING FROM OUR INITIAL EXPERIENCE? 122
 Speaker : Junichi Doi (Tsuchiura Kyodo General Hospital, Japan)
- O26-6 PROGNOSTIC IMPACT OF DERIVED NEUTROPHIL TO LYMPHOCYTE RATIO IN PATIENTS WITH ADHF REGARDLESS OF ATRIAL FIBRILLATION 123
 Speaker : Takumi Kondo (Osaka General Medical Center, Japan)

第 9 会場 | ホテル金沢 2F ダイヤモンド A

Oral Presentation 27

Arrhythmia Syndromes (Brugada, LQT, ER, etc) 2

8:30-9:40

Chair : Hiroshi Morita (Okayama University, Japan)
 Chair : Yoshiyasu Aizawa (Nippon Medical School Hospital, Japan)
 Discusser : Keiko Sonoda (National Cerebral and Cardiovascular Center, Japan)
 Discusser : Soichiro Yamashita (Hyogo Prefectural Awaji Medical Center, Japan)

- O27-1 CIRCADIAN CHANGES IN CORRECTED QT INTERVAL IN CHILDREN WITH LONG QT SYNDROME AND HEALTHY VOLUNTEERS 124
 Speaker : Masao Yoshinaga (NHO Kagoshima Medical Center, Japan/Orange Medical and Welfare Center)
- O27-2 DIVERSE PHENOTYPIC MANIFESTATIONS IN A FAMILY WITH A NOVEL RYR2 E4107A VARIANT 125
 Speaker : Tadashi Nakajima (Gunma University Graduate School of Medicine, Japan)
- O27-3 GENETIC TESTING IN EARLY-ONSET ATRIAL FIBRILLATION WITHOUT ACQUIRED RISK FACTORS 125
 Speaker : Ayana Sasaki (Kanazawa University, Japan)
- O27-4 THE ARRHYTHMOGENIC SUBSTRATE OF J-WAVE SYNDROME: INSIGHTS FROM THE ORIGIN OF TRIGGERED PREMATURE VENTRICULAR CONTRACTIONS 126
 Speaker : Naoya Kataoka (University of Toyama, Japan)
- O27-5 ARE GENETIC TESTS OTHER THAN CONGENITAL LONG QT SYNDROME TYPE1-3 MEANINGFUL? 126
 Speaker : Sho Okamura (Hiroshima University Hospital, Japan)
- O27-6 CHANGE IN TPEAK TO TEND INTERVAL TO QT INTERVAL RATIO WITH ISOPROTERENOL INFUSION IN PATIENTS WITHOUT ORGANIC HEART DISEASE 127
 Speaker : Shota Saito (Hokkaido University Hospital, Japan)

Oral Presentation 28

AF 6

15:20-16:30

Chair : Yasutoshi Nagata (Japanese Red Cross Musashino Hospital, Japan)
 Chair : Keijiro Nakamura (Toho Ohashi Medical Center, Japan)
 Discussor : Mamoru Hayano (Kansai Electric Power Hospital, Japan)
 Discussor : Junichi Ooka (Kobe City Medical Center General Hospital, Japan)

- O28-1 REAL-WORLD IMPACT OF VISIBLE STEERABLE SHEATHS ON 3-DIMENSIONAL MAP FOR PAROXYSMAL ATRIAL FIBRILLATION CATHETER ABLATION: THE INSIGHT STUDY 128
 Speaker : Yasuo Okumura (Nihon University, Japan)
- O28-2 COMPARISON OF LOW BODY WEIGHT AND OUTCOMES AFTER AF ABLATION: FROM THE TRANQUILIZE AF 129
 Speaker : Yumiko Nakanishi (NHO Kyoto Medical Center, Japan)
- O28-3 NONINVASIVE-VISUALIZATION OF THE ESOPHAGUS BY INTRACARDIAC ECHOCARDIOGRAPHY (ICE) IN 3D-MAPPING SYSTEM: UTILITY AND SAFETY OF ICE ESOPHAGUS-GUIDED HIGH-POWER SHORT-DURATION ABLATION 129
 Speaker : Koji Sudo (University of Yamanashi, Japan)
- O28-4 IMPACT OF INTERVAL BETWEEN DIAGNOSIS OF ATRIAL FIBRILLATION AND INITIAL ABLATION ON NEED FOR ADDITIONAL ABLATION BEYOND PULMONARY VEIN ISOLATION 130
 Speaker : Takafumi Okuyama (Jichi Medical University, Japan)
- O28-5 COMPARISON OF HEMOSTASIS AND COMPLICATION BETWEEN NOVEL VENOUS CLOSURE SYSTEMS (VASCADE MVP) AND CONVENTIONAL FIGURE-OF-EIGHT SUTURE AFTER CARDIAC CATHETER ABLATION 130
 Speaker : Maki Ono (Kameda Medical Center, Japan)
- O28-6 UTILITY OF FIB-4 IN PREDICTING RECURRENCE OF ATRIAL FIBRILLATION CATHETER ABLATION IN PATIENTS WITH HEART FAILURE 131
 Speaker : Kyoko Koyama (Yamagata University, Japan)

7月20日 (土) 第3日目

第 3 会場 | 石川県立音楽堂 B1F 交流ホール

Oral Presentation 29

先天性心疾患

15:50-17:00

Chair : Yoshiaki Kato (National Cerebral and Cardiovascular Center, Japan)
 Chair : Hitoshi Mori (Saitama Medical University International Medical Center, Japan)
 Discusser : Yu Matsumura (Sakakibara Heart Institute, Japan)
 Discusser : Mai Ishiwata (The University of Tokyo Hospital, Japan)

- 029-1 PROGNOSIS OF A CATHETER ABLATION IN PATIENTS WITH AN ATRIOVENTRICULAR REENTRANT TACHYCARDIA INVOLVING TWIN ATRIOVENTRICULAR NODES 132
 Speaker : Keiko Toyohara (Tokyo Women' s Medical University, Japan)
- 029-2 DOSE LEFT ATRIAL DECELERATION ZONE INSIDE LEFT ATRIAL LOW VOLTAGE AREA PREDICT THE INCIDENCE OF LEFT ATRIAL FLUTTER? 133
 Speaker : Kei Hirota (Oita University, Japan)
- 029-3 TACHYARRHYTHMIAS IN PATIENTS WITH CONGENITALLY CORRECTED TRANSPOSITION OF GREAT ARTERIES AND RESULTS OF RADIOFREQUENCY CATHETER ABLATION 133
 Speaker : Taisuke Nabeshima (Saitama Medical University International Medical Center, Japan)
- 029-4 EFFICACY OF THE COMBINATION THERAPY WITH CARDIAC RESYNCHRONIZATION THERAPY AND FANTASTIC FOUR IN A PATIENT WITH DOUBLE OUTLET VENTRICLE AFTER FONTAN OPERATION 134
 Speaker : Takuya Fujisaki (Osaka Women' s and Children' s Hospital)
- 029-5 CHARACTERISTICS OF CARDIAC IMPLANTABLE ELECTRIC DEVICE IN ADULT PATIENTS WITH RE-PAIRED TETRALOGY OF FALLOT 134
 Speaker : Tabito Kino (University of Tsukuba, Japan)
- 029-6 ROTATION OF THE HEART IS ASSOCIATED TO THE DIFFICULTY OF CAVOTRICUSPID ISTHMUS CRYOABLATION 135
 Speaker : Minoru Nodera (Fukushima Medical University, Japan)

第 4 会場 | ANA クラウンプラザホテル金沢 3F 鳳 (西)

Oral Presentation 30

AF balloon 2

8:30-9:40

Chair : Toshihiro Nakamura (NHO Kyushu Medical Center)
 Chair : Yosuke Nakatani (Gumma University, Japan)
 Discusser : Akinori Sato (Tachikawa General Hospital, Japan)
 Discusser : Tomoya Ogawa (National Cerebral and Cardiovascular Center, Japan)

- 030-1 CLINICAL OUTCOME OF NOVEL CRYOBALLOON SYSTEMS IN LEFT ATRIAL ROOF LINE ABLATION FOR NON-PAROXYSMAL ATRIAL FIBRILLATION WITH ENLARGED LEFT ATRIUM 136
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AF 7	14:00-15:00
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Chair : Koichiro Ejima (Minamino Cardiovascular Hospital, Japan)
 Chair : Tetsuma Kawaaji (Mitsubishi Kyoto Hospital, Japan)
 Discusser : Takeshi Harita (Tazuke Kofukai Medical Research Institute Kitano Hospital, Japan)
 Discusser : Takuya Nishimura (National Cerebral and Cardiovascular Center, Japan)

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031-5	演題は取り下げられました	142

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Chair : Yasuhiro Yokoyama (Yamato Tokushukai Hospital, Japan)
 Chair : Masahide Harada (Fujita Health University, Japan)
 Discusser : Tomoya Eguchi (Gyoda General Hospital, Japan)
 Discusser : Yukio Hosaka (Niigata City General Hospital, Japan)

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	Speaker : Hiroaki Ohya (Japanese Red Cross Saitama Hospital, Japan)	

Oral Presentation 33

AF balloon 3	16:00-17:00
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Chair : Yasuteru Yamauchi (Japan Redcross Yokohama City Bay Hospital, Japan)
 Chair : Takeshi Kato (Kanazawa University Hospital, Japan)
 Discusser : Yui Kitami (National Cerebral and Cardiovascular Center, Japan)
 Discusser : Masahiro Nakano (Chiba University Graduate School of Medicine, Japan)

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	Speaker : Seigo Yamashita (The Jikei University School of Medicine, Japan)	

第 5 会場 | ANA クラウンプラザホテル金沢 3F 鳳 (中)

Oral Presentation 34

AF 9

11:00-12:10

Chair : Shingen Owada (Iwate Medical University, Japan)
 Chair : Kentaro Hayashi (Ageo Central General Hospital, Japan)
 Discusser : Hiroyuki Kono (Kokuta Memorial Hospital, Japan)
 Discusser : Yasutaka Oguchi (Shinshu University, Japan)

034-1	REAL-WORLD ECONOMIC IMPACT OF IMPROVED EFFICIENCY OF TactiFlex SE ABLATION CATHETER COMPARED TO TactiCath SE IN THE TREATMENT OF PAROXYSMAL ATRIAL FIBRILLATION IN ASIA-PACIFIC	150
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	Speaker : Mizuki Osuga (Osaka Rosai Hospital, Japan)	

Oral Presentation 35

Clinical Studies 4

14:00-15:00

Chair : Kaoru Tanno (Showa University Koto-Toyosu Hospital, Japan)
 Chair : Yuji Kasamaki (Kanazawa Medical University Himi Municipal Hospital, Japan)
 Discusser : Kazuto Kujira (Hyogo Prefectural Amagasaki General Medical Center, Japan)
 Discusser : Hokuto Yamagishi (Japanese Red Cross Ise Hospital, Japan)

035-1	PROGNOSTIC FACTORS FOR SUCCESS AT DISCHARGE AND ACUTE COMPLICATIONS IN IDIOPATHIC PREMATURE VENTRICULAR CONTRACTION ABLATIONS IN JAPANESE PATIENTS: ANALYSIS FROM THE J-AB REGISTRY	154
	Speaker : Kentaro Goto (Tokyo Medical and Dental University Hospital, Japan)	

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	Speaker : Jun Sakai (Osaka Saiseikai Nakatsu Hospital, Japan)	

Oral Presentation 36

Case VT/VF

15:00-16:00

Chair : Seiji Fukamizu (Tokyo Metropolitan Hiroo Hospital, Japan)
 Chair : Ryosuke Narui (Tokyo Shinagawa Hospital, Japan)
 Discussor : Shinya Yamada (Fukushima Medical University, Japan)
 Discussor : Shoko Chishaki (National Cerebral and Cardiovascular Center, Japan)

O36-1	A CASE OF IDIOPATHIC NON-SUSTAINED VENTRICULAR TACHYCARDIA ARISING FROM THE POSTERIOR PORTION OF THE MITRAL ANNULUS INTRAMURAL ORIGIN	158
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Oral Presentation 37

AF 10

16:00-17:00

Chair : Asumi Takei (Nagasaki University Hospital, Japan)
 Chair : Hisaharu Ohe (University of Occupational and Environmental Health, Japan)
 Discussor : Ryo Wada (Toho University, Japan)
 Discussor : Daiki Shako (Kyoto Prefectural University of Medicine, Japan)

O37-1	EXPLORING THE LINK BETWEEN HANDGRIP STRENGTH AND CLINICAL FEATURE IN PATIENTS WITH ATRIAL FIBRILLATION	161
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 Speaker : Masaru Inoue (NHO Kanazawa Medical Center, Japan)

第 6 会場 | ホテル日航金沢 3F 孔雀の間 A

Oral Presentation 38

PVC study 8:30-9:30

Chair : Mitsuharu Kawamura (Makita General Hospital, Japan)
 Chair : Akiko Ueda (Kyorin University, Japan)
 Discussor : Junya Hosoda (Yokohama City University Hospital, Japan)
 Discussor : Haruka Matsuura (National Cerebral and Cardiovascular Center, Japan)

- 038-1 ANALYSIS OF SPATIAL DISPLACEMENT ON 3D MAP CAUSED BY RHYTHM DIFFERENCES IN PVC ABLATION 164
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- 038-2 THE CHARACTERISTICS OF THE OMNIPOLAR AND UNIPOLAR ELECTROGRAMS WITH PEAK FREQUENCY ANNOTATION ALGORITHM ASSOCIATED WITH SUCCESSFUL ABLATION OF PREMATURE VENTRICULAR CONTRACTIONS 165
 Speaker : Miho Negishi (Tokyo Medical and Dental University, Japan)
- 038-3 THE EARLINESS OF LOCAL VENTRICULAR ACTIVATION IN THE DISTAL GREAT CARDIAC VEIN CAN DISTINGUISH RIGHT-SIDED AND LEFT-SIDED OUTFLOW TRACT ARRHYTHMIAS: A SIMPLE AND QUICK DETERMINANT 165
 Speaker : Machiko Miyoshi (University of Fukui Hospital, Japan)
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 Speaker : Hidenori Hirano (Tsuchiura Kyodo General Hospital, Japan)
- 038-5 ANATOMICAL VARIATION OF CORONARY VESSELS IN PATIENTS WITH VENTRICULAR TACHYCARDIA ARISING FROM OUTFLOW TRACT 166
 Speaker : Takatsugu Kajiyama (Chiba University Graduate School of Medicine, Japan)

Oral Presentation 39

Complication 9:40-10:50

Chair : Hiroyuki Osanai (Tosei General Hospital, Japan)
 Chair : Koyo Sato (Nagoya Heart Center, Japan)
 Discussor : Osamu Wakisaka (NHO Beppu Medical Center, Japan)
 Discussor : Takahisa Koi (University of Toyama, Japan)

- 039-1 A PREDICTOR OF COMPLICATIONS ASSOCIATED WITH THE USE OF PERCLOUSE SUTURE-MEDIATED VASCULAR CLOSURE DEVICE FOR VENOUS ACCESS SITES 167
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 Speaker : Mitsuru Yoshino (Kurashiki Central Hospital, Japan)
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- 039-5 ASSOCIATION OF PREPROCEDURAL THROMBOEMBOLIC OR BLEEDING EVENTS UNDER ORAL ANTICOAGULATION THERAPY AND MID-TERM OUTCOMES AFTER PERCUTANEOUS LEFT ATRIAL APPENDAGE CLOSURE 169
 Speaker : Hironobu Sumiyoshi (Kurashiki Central Hospital, Japan)

- O39-6 SAFETY AND EFFICACY OF PERCUTANEOUS ATRIAL APPENDAGE CLOSURE: SINGLE-CENTER EXPERIENCE WITH A WATCHMAN DEVICE** 170
 Speaker : Shinji Ishikawa (Anjo Kosei Hospital, Japan)

Oral Presentation 40

Ventricular Tachyarrhythmias & SCD

15:30-16:40

Chair : Yasuhiro Yoshiga (Yamaguchi University Graduate School of Medicine, Japan)

Chair : Yasuyuki Egami (Osaka Rosai Hospital, Japan)

Discussor : Shigeki Hiramatsu (Fukuyama Cardiovascular Hospital, Japan)

Discussor : Saori Asada (Okayama University, Japan)

- O40-1 CHARACTERISTICS AND PROGNOSIS OF PATIENTS WITH IMPLANTABLE CARDIOVERTER DEFIBRILLATOR FOR SECONDARY PREVENTION OF OUT-OF-HOSPITAL CARDIAC ARREST DUE TO VASOSPASTIC ANGINA** 171
 Speaker : Eiichiro Oka (Nippon Medical School Musashikosugi Hospital, Japan)
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 Speaker : Motohiro Kimata (National Defense Medical College, Japan)
- O40-3 ARE DIFFERENT INTERCOSTAL ELECTROCARDIOGRAMS USEFUL FOR ORIGIN DIFFERENTIATION OF OUTFLOW TRACT PVCs?** 172
 Speaker : Shogo Miyamoto (Hiroshima University Hospital, Japan)
- O40-4 PREVALENCE OF VENTRICULAR PARASYSTOLE: AN OVERLOOKED POSSIBLE CAUSE OF VENTRICULAR FIBRILLATION IN THE PATIENT WITH CARDIAC SARCOIDOSIS** 173
 Speaker : Takashi Ikee (National Cerebral and Cardiovascular Center Hospital, Japan)
- O40-5 EFFECTS OF SODIUM-GLUCOSE COTRANSPORTER 2 INHIBITORS ON OUTCOMES WITH THE IMPLANTABLE CARDIAC DEFIBRILLATOR AND CARDIAC RESYNCHRONIZATION THERAPY DEFIBRILLATOR IMPLANTED PATIENTS** 173
 Speaker : Kei Hiramatsu (Nagoya University Hospital, Japan)

第 8 会場 | 金沢市アートホール 6F ホール

Oral Presentation 44

AF 11

9:00-10:20

Chair : Osamu Inaba (Japanese Red Cross Saitama Hospital, Japan)

Chair : Atsushi Suzuki (Yodogawa Christian Hospital, Japan)

Discussor : Yoshinari Enomoto (Center Hospital of the National Center for Global Health and Medicine, Japan)

Discussor : Takeshi Kitamura (Ageo Central General Hospital, Japan)

- O44-1 SIGNIFICANCE OF LEFT ATRIAL STRAIN ASSESSMENT USING CARDIAC COMPUTED TOMOGRAPHY FOR RISK STRATIFICATION OF RECURRENCE AFTER ATRIAL FIBRILLATION ABLATION** 174
 Speaker : Hiroshi Kawakami (Ehime University Graduate School of Medicine, Japan)
- O44-2 VEIN OF MARSHALL CHEMICAL ABLATION DECREASES ATRIAL FIBRILLATION DRIVERS DETECTED BY CARTOFINDER** 175
 Speaker : Hideyuki Hasebe (Shizuoka Saiseikai General Hospital, Japan)
- O44-3 THE IMPACT OF EXTENSIVE ABLATION STRATEGY FOR PERSISTENT ATRIAL FIBRILLATION ON LEFT ATRIAL FUNCTION AND PROGNOSIS: INSIGHTS FROM EARNEST-PVI RANDOMIZED CONTROLLED TRIAL** 175
 Speaker : Takafumi Oka (Osaka University Graduate School of Medicine, Japan)
- O44-4 CHARACTERISTICS AND PROGNOSIS IN PATIENTS WITH STROKE AFTER ATRIAL FIBRILLATION ABLATION** 176
 Speaker : Satoshi Kudo (Kansai Rosai Hospital, Japan)
- O44-5 EFFECTIVENESS OF PVI LINE MODIFICATION USING MICROELECTRODES ON QDOT MICRO CATHETER IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION** 176
 Speaker : Yoshikazu Watanabe (Hiroshima City Hospital, Japan)
- O44-6 A NOVEL ULTRA-HIGH-RESOLUTION ESOPHAGEAL THERMOMETER: COMPARATIVE ANALYSIS WITH CONVENTIONAL THERMOMETER IN AN EXPERIMENTAL MODEL** 177
 Speaker : Yusuke Nakanishi (Kobe University Hospital, Japan)

- O44-7 QUANTITATIVE INVESTIGATION OF THE LESIONS CREATED BY ETHANOL INFUSION INTO THE VEIN OF MARSHALL 177
 Speaker : Kaoru Okishige (Yokohama Minato Heart Clinic, Japan)

第 10 会場 | ホテル金沢 2F ダイヤモンド B

Oral Presentation 45

AF balloon 4 15:30-16:40

Chair : Makoto Suzuki (Yokohama Mimani Kyosai Hospital, Japan)
 Chair : Mitsuru Wada (National Cerebral and Cardiovascular Center, Japan)
 Discussor : Kentaro Minami (Dokkyo Medical University, Japan)
 Discussor : Yoshitake Oshima (Gifu Prefectural General Medical Center, Japan)

- O45-1 PROCEDURAL OUTCOME AND LESION CHARACTERISTICS AFTER CRYOBALLOON ABLATION FOR PAROXYSMAL ATRIAL FIBRILLATION WITH POLARx OR ARCTIC FRONT ADVANCE PRO 178
 Speaker : Shuhei Yamashita (Keio University, Japan)
- O45-2 CLINICAL OUTCOMES AFTER CRYOBALLOON-BASED ABLATION FOR NON-PAROXYSMAL ATRIAL FIBRILLATION: A PROPENSITY SCORE-MATCHED COMPARISON BETWEEN LEFT ATRIAL ROOF LINE ABLATION AND LEFT POSTERIOR WALL ISOLATION 179
 Speaker : Yuichiro Sagawa (Japan Red Cross Yokohama City Bay Hospital, Japan)
- O45-3 COMPARISON OF MID-TERM CLINICAL OUTCOMES BETWEEN RADIOFREQUENCY ABLATION AND CRYOBALLOON ABLATION IN MIDDLE-AGE PAROXYSMAL ATRIAL FIBRILLATION MALE PATIENTS 179
 Speaker : Shunsuke Kawai (Japanese Red Cross Fukuoka Hospital, Japan)
- O45-4 COMPARISON OF EFFICACY AND SAFETY OF PRESSURE-GUIDED CRYOBALLOON ABLATION BETWEEN NOVEL AND CONVENTIONAL SYSTEMS IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION 180
 Speaker : Kikou Akiyoshi (Hiratsuka Kyosai Hospital, Japan)
- O45-5 EVALUATION OF THE PULMONARY VEIN ISOLATION AREA USING THREE BALLOON SYSTEMS (POLARx FIT, Arctic Front Advance pro AND HeartLight X3) 180
 Speaker : Yuki Shibuya (Osaka Police Hospital, Japan)
- O45-6 LESION DURABILITY OF THE LEFT ATRIAL POSTERIOR WALL AFTER PULMONARY VEIN ISOLATION PLUS LEFT ATRIAL ROOFLINE ABLATION USING CRYOBALLOON 181
 Speaker : Taku Sakurai (JCHO Chukyo Hospital, Japan)

第 11 会場 | ホテル金沢 2F ダイヤモンド C

Oral Presentation 46

Diagnostic New Technologies 8:30-9:30

Chair : Kazuo Kato (Nagoya Tokushukai General Hospital, Japan)
 Chair : Katsuhito Fujiu (The University of Tokyo Hospital, Japan)
 Discussor : Tomomi Matsuura (Tokushima University Hospital, Japan)
 Discussor : Kenzaburo Nakajima (National Cerebral and Cardiovascular Center, Japan)

- O46-1 DETECTION OF ASYMPTOMATIC RECURRENCE AFTER CATHETER ABLATION FOR ATRIAL FIBRILLATION BY 365-DAY HOLTER ECG 182
 Speaker : Tomoaki Nakano (Osaka University Graduate School of Medicine, Japan)
- O46-2 DETECTION OF ATRIAL STRUCTURAL REMODELING IN PERSISTENT ATRIAL FIBRILLATION USING ARTIFICIAL INTELLIGENCE 183
 Speaker : Yoshihiro Sobue (Fujita Health University Bantane Hospital, Japan)
- O46-3 SCREENING TECHNIQUE FOR CARDIAC AMYLOIDOSIS USING CARDIAC TROPONIN T AND EXTRACELLULAR VOLUME ON PRE-CATHETER ABLATION COMPUTED TOMOGRAPHY 183
 Speaker : Hisanori Kanazawa (Kumamoto University Hospital, Japan/Kumamoto University Graduate School of Medical Science, Japan)
- O46-4 ASSOCIATION BETWEEN LEFT ATRIAL WALL SHEAR STRESS USING VECTOR FLOW MAPPING AND STROKE RISK SCORE IN PATIENTS WITH ATRIAL FIBRILLATION 184
 Speaker : Takuya Omuro (Yamaguchi University Graduate School of Medicine, Japan)

- O46-5 IDENTIFICATION OF DIFFERENTIALLY EXPRESSED GENES FOR LEFT ATRIUM APPENDAGE THROMBI BY RNA SEQUENCING ANALYSIS 184
 Speaker : Motoki Furutani (Hiroshima University, Japan)

Oral Presentation 47
 アブレーション関連

15:30-16:40

Chair : Katsuaki Yokoyama (Nihon University Hospital, Japan)
 Chair : Takayuki Kitai (Sapporo Cardio Vascular Clinic, Japan)
 Discusser : Kenichi Tokutake (The Jikei University School of Medicine, Japan)

- O47-1 FEASIBILITY AND SAFETY OF VENOUS ETHANOL ABLATION FOR LEFT VENTRICULAR SUMMIT REGION ARRHYTHMIA: INSIGHTS FROM SINGLE CENTER CASE SERIES 185
 Speaker : Kazuto Kujira (Amagasaki General Medical Center, Japan)
- O47-2 A CASE OF BIATRIAL TACHYCARDIA VIA AN EPICARDIAL CONNECTION BETWEEN RIGHT ATRIUM AND RIGHT-SIDED PULMONARY VEIN 186
 Speaker : Masahiro Ishikura (Gifu Heart Center, Japan)
- O47-3 PIVOT POINT IN TYPICAL AVNRT VARIES DEPENDING ON THE ATRIAL PACING SITES 186
 Speaker : Takeaki Goto (Yamanashi Kosei Hospital, Japan)
- O47-4 USEFULNESS OF RIPPLE MAPS AND LATE ANNOTATION MAPPING TO VISUALIZE THE ACTIVATION PATTERN WITHIN KOCH'S TRIANGLE IN A PATIENT WITH PERSISTENT LEFT SUPERIOR VENA CAVA 187
 Speaker : Takashi Kanda (Osaka Police Hospital, Japan)
- O47-5 TWO CASES OF SINUS NODE DYSFUNCTION DUE TO OCCLUSION OF THE SINUS NODE ARTERY DURING CATHETER ABLATION, RESTORED BY PCI 187
 Speaker : Kenji Yamaji (Pref Osaka Saiseikai Izuo Hospital, Japan)
- O47-6 SUCCESSFUL CATHETER ABLATION OF PERSISTENT ATRIAL FIBRILLATION USING VEIN OF MARSHALL ETHANOL INFUSION FOR MITRAL ISTHMUS BLOCK IN TWO CASES 188
 Speaker : Masateru Kondo (Iwate Prefectural Central Hospital, Japan)

第 12 会場 | ホテル日航金沢 3F 孔雀の間 B

Oral Presentation 41
 PVC/VT

14:00-15:00

Chair : Yuji Okuyama (Okuyama Clinic, Japan)
 Chair : Masato Okada (Sakurabashi Watanabe Mirai Iryo Hospital, Japan)
 Discusser : Toshihiro Nakamura (National Cerebral and Cardiovascular Center, Japan)
 Discusser : Yuko Matsui (Tokyo Women's Medical University, Japan)

- O41-1 THE SPATIAL DIFFERENCE OF EARLY ACTIVATION SITES OF PREMATURE VENTRICULAR COMPLEXES (PVCs) BETWEEN THE SINUS RHYTHM AND THE PVC CHAMBER 189
 Speaker : Makoto Sano (Hamamatsu University School of Medicine, Japan)
- O41-2 DISCRIMINATION ABILITY OF INDICES FOR ABLATION SUCCESS FOR PREMATURE VENTRICULAR CONTRACTION ON MAPPED CARDIAC SURFACES 190
 Speaker : Takahiko Nagase (Higashiyama Hospital, Japan)
- O41-3 THE RELEVANCE BETWEEN EVOKED DELAYED POTENTIAL AND ROTATIONAL ACTIVATION PATTERN / DECELERATION ZONE DETECTED BY THE CARTO LAM MODULE 190
 Speaker : Yutaro Kaneko (Hamamatsu University School of Medicine, Japan)
- O41-4 NEW VT ABLATION STRATEGY:STUDY ON A NOVEL APPROACH USING QRS FRACTIONATION MAPPING AND FREQUENCY ANALYSIS 191
 Speaker : Maiko Kuroda (Kokura Memorial Hospital, Japan)
- O41-5 EFFECTIVENESS OF VENTRICULAR TACHYCARDIA MAPPING WITH CARTO VERSION 8 191
 Speaker : Hiroyuki Kono (Kokura Memorial Hospital, Japan)

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Diagnostic Technologies (ECG)

15:00-16:00

Chair : Atsuhiko Yagishita (Tokai University, Japan)
 Chair : Kentaro Yoshida (Ibaraki Prefectural Central Hospital, Japan)
 Discusser : Takehito Sasaki (Gunma Prefectural Cardiovascular Center, Japan)
 Discusser : Minoru Nodera (Fukushima Medical University, Japan)

- O42-1 THE DETECTION PATTERNS DURING A 7-DAY SINGLE-LEAD ECG PATCH IN DIFFERENT ARRHYTHMIAS 192
 Speaker : Chisa Asahina (University of Yamanashi, Japan)
- O42-2 THE UTILITY AND CONSIDERATIONS OF SYNTHESIZED RIGHT-SIDED ELECTROCARDIOGRAM 193
 Speaker : Kazuki Furuyama (Sendai City Hospital, Japan)
- O42-3 REAL-WORLD CLINICAL EVALUATION OF AN AI-ENABLED ATRIAL FIBRILLATION DETECTION SYSTEM USING 7-DAY HOLTER ECG 193
 Speaker : Hiroyuki Osanai (Tosei General Hospital, Japan)
- O42-4 THE IMPACT OF SYNCOPE-TO-ILR TIME FOR DIAGNOSIS OF THE CAUSE OF SYNCOPE 194
 Speaker : Kosuke Katano (Kawakita General Hospital, Japan)
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 Speaker : Koji Funaishi (Kawasaki Municipal Hospital, Japan)

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Clinical Studies 5

16:00-17:00

Chair : Shisuke Miyazaki (Tokyo Medical and Dental University, Japan)
 Chair : Fuminori Odagiri (Juntendo University Urayasu Hospital, Japan)
 Discusser : Rintaro Hojo (Tokyo Metropolitan Hiroo Hospital, Japan)
 Discusser : Satoshi Oka (National Cerebral and Cardiovascular Center, Japan)

- O43-1 ELUCIDATING THE MECHANISM OF RAPID FUNCTIONAL RECOVERY FOLLOWING ATRIAL FIBRILLATION ABLATION IN PATIENTS WITH LEFT VENTRICULAR SYSTOLIC DYSFUNCTION 195
 Speaker : Masato Okada (Sakurabashi Watanabe Hospital, Japan)
- O43-2 LONG-TERM EFFECTS ON SINUS NODE FUNCTION FOLLOWING ADDITIONAL EMPIRICAL SUPERIOR VENA CAVA ISOLATION IN ATRIAL FIBRILLATION PATIENTS WITH SICK SINUS SYNDROME 196
 Speaker : Miwa Kanai (Tokyo Women's Medical University Yachiyo Medical Center, Japan/Tokyo Women's Medical University, Japan)
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 Speaker : Kyong Hee Lee (Tokai University, Japan)
- O43-4 WHAT IS THE CLINICAL SIGNIFICANCE OF CALCIFICATIONS IN THE LEFT ATRIUM AFTER MULTIPLE ATRIAL FIBRILLATION ABLATION PROCEDURES? 197
 Speaker : Tadanori Nakata (Tsuchiura Kyodo General Hospital, Japan)
- O43-5 COMPARISON OF ATRIAL FIBRILLATION FREE RATE BETWEEN VERY EARLY RECURRENCE AND EARLY RECURRENCE AFTER CATHETER ABLATION OF PAROXYSMAL ATRIAL FIBRILLATION 197
 Speaker : Nozomi Fukuda (Nara Prefecture Western Medical Center, Japan)