

Poster1

10:00 ~ 11:00

Chair Yukio Sekiguchi (*Sakakibara Heart Institute, Japan*)
Koji Higuchi (*Hiratsuka Kyosai Hospital, Japan*)

- P1-1 Fetal and Infant Lethal Ventricular Arrhythmias Are Common in Cardiac Calmodulinopathy**
Megumi Fukuyama¹, Minoru Horie¹, Koichi Kato¹, Tomoya Ozawa¹, Yusuke Fujii¹, Yusuke Okuyama¹, Takeru Makiyama³, Seiko Ohno², Yoshihisa Nakagawa¹
¹Shiga University of Medical Science, Japan, ²National Cerebral and Cardiovascular Center, Japan, ³Kyoto University Graduate School of Medicine, Japan
- P1-2 Long-Term Outcomes After an Epicardial Ventricular Tachycardia Ablation in Structural and Non-Structural Heart Disease**
Yumiko Haraguchi, Kohki Nakamura, Ryoya Takizawa, Kohki Kimura, Wataru Sasaki, Shingo Yoshimura, Shohei Kishi, Takehito Sasaki, Yosuke Nakatani, Koji Goto, Yuko Miki, Yutaka Take, Kenichi Kaseno, Shigeto Naito
Gunma Cardiovascular Center, Japan
- P1-3 The Relationship Between Contact Force and Steam Pop in Catheter Ablation for Ventricular Arrhythmia**
Ryohsuke Narui
The Jikei University School of Medicine, Japan
- P1-4 The Procedural Outcomes of Catheter Ablation for Premature Ventricular Contraction Under General Anesthesia vs. Local Anesthesia**
Kenta Takahashi, Taishi Kuwahara, Toshio Makita, Takuya Oshio, Kenta Kadono, Yoshimi Oyagi, Ibuki Ago, Ryo Takahashi
Tokyo Heart Rhythm Clinic, Japan

Poster3

14:00 ~ 15:00

Chair Masatsugu Nozoe (*Saiseikai Fukuoka General Hospital, Japan*)
Shigeki Kusa (*Tsuchiura Kyodo Hospital, Japan*)

- P3-1 Comparison of the Delayed Electrical Activation Regions Between Intrinsic Conduction and Right Ventricular Pacing in Patients with Cardiac Resynchronization Therapy**
Ken Masuda, Takefumi Fujito, Atsushi Mochizuki, Naoyuki Kamiyama, Toshiyuki Yano
Sapporo Medical University, Japan
- P3-2 Left Bundle Branch Block and Early Implantation Is Associated with Responders of Cardiac Resynchronization Therapy**
Yukiko Takanashi, Takashi Uchiyama, Shinichi Okino, Noueru Shibayama, Tomohiko Hayashi, Norikiyo Oka, Nobuyuki Kuroiwa, Kazunobu Iidaka, Yo Iwata, Hikaru Ishiwaki, Shigeru Fukuzawa
Funabashi Municipal Medical Center, Japan
- P3-3 The Predictors of High Synchronized Left Ventricular Only Pacing Rate After Adaptive Cardiac Resynchronization Therapy Implantation**
Takashi Okajima, Yasuya Inden, Noriyuki Suzuki, Naoki Tsurumi, Ryo Watanabe, Toshifumi Nakagomi, Masafumi Shimojo, Kazumasa Suga, Satoshi Yanagisawa, Toyoaki Murohara
Nagoya University Graduate School of Medicine, Japan

- P3-4** **Influence of Implantable Cardioverter-Defibrillator Shock Therapy**
Hiroshi Shimada¹, Hiroko Miyazaki¹, Shummo Cho¹, Yoshiki Misu¹, Ryo Tateishi¹, Masao Yamaguchi¹, Yosuke Yamakami¹, Tomoko Manno¹, Ami Isshiki¹, Shigeki Kimura¹, Masato Shimizu¹, Hiroyuki Fujii¹, Makoto Suzuki¹, Mitsuhiko Nishizaki²
¹Yokohama Minami Kyosai Hospital, Japan, ²Kanto Gakuin University, Japan
- P3-5** **Curious VA Prolongation After Ventricular Overdrive Pacing During Fast-Slow Atrioventricular Nodal Reentrant Tachycardia**
Masayoshi Mori, Yasuaki Aoki, Yoshihide Nakamura, Takuya Fujisaki, Kumiyo Matsuo, Dai Asada, Yoichiro Ishii, Kunihiko Takahashi, Futoshi Kayatani
Osaka Women's and Children's Hospital, Japan
- P3-6** **An Ultrasound-Guided Creation of the Intermuscular Pocket for a Subcutaneous Implantable Cardioverter-Defibrillator**
Yusuke Sonoda¹, Koji Fukuzawa¹, Kunihiko Kiuchi¹, Mitsuru Takami¹, Yu Izawa¹, Jun Sakai¹, Toshihiro Nakamura¹, Atsusuke Yatomi¹, Hiroyuki Takahara¹, Kyoko Yamamoto¹, Kazutaka Nakasone¹, Yuya Suzuki¹, Kenichi Tani¹, Hidehiro Iwai¹, Yusuke Nakanishi¹, Ryudo Fujiwara², Yuichi Nagamatsu³, Tomoyuki Nakanishi³, Katsunori Okajima³, Kenichi Hirata¹
¹Kobe University Graduate School of Medicine, Japan, ²Osaka Saiseikai Nakatsu Hospital, Japan, ³Kakogawa Central City Hospital, Japan
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- Poster5** 10:00 ~ 11:00
- Chair Yoko Tanimoto (NHO Tokyo Medical Center, Japan)
- P5-1** **Efficacy and Feasibility of the Novel Automated Anti-Tachycardia Pacing (ATP) for Ventricular Arrhythmias**
Ryo Watanabe, Yasuya Inden, Noriyuki Suzuki, Naoki Tsurumi, Toshifumi Nakagomi, Masafumi Shimojo, Takashi Okajima, Kazumasa Suga, Satoshi Yanagisawa, Toyoaki Murohara
Nagoya University Graduate School of Medicine, Japan
- P5-2** **Five-Year Follow-Up of Ventricular Pacing After Transcatheter Aortic Valve Replacement**
Kei Mabuchi, Kanki Inoue, So Asano, Hiroshi Fukunaga, Ryosuke Higuchi, Mike Saji, Takahiko Nagase, Itaru Takamisawa, Yukio Sekiguchi, Mamoru Nanasato, Junichi Nitta, Morimasa Takayama, Mitsuaki Isobe
Sakakibara Heart Institute, Japan
- P5-3** **Analysis of Current Clinical Practice for Subcutaneous Implantable Cardioverter-Defibrillator (ICD) After Transvenous ICD Extraction or Lead Abandonment: A Case Series**
Takahiro Okano, Ayako Okada, Hiroaki Tabata, Hideki Kobayashi, Wataru Shoin, Morio Shoda, Koichiro Kuwahara
Shinshu University, Japan
- P5-4** **S-ICD Implantation After Transvenous Lead Extraction**
Yohei Sadohara, Michio Nagashima, Jun Hirokami, Rei Kuji, Kengo Korai, Masato Fukunaga, Kenichi Hiroshima, Kenji Ando
Kokura Memorial Hospital, Japan
- P5-5** **Differences in Background and Prognosis of Patients Implanted CRT-P/CRT-D: A Single Center Study**
Ayako Yokota, Tomoyuki Kabutoya, Takafumi Okuyama, Hiroaki Watanabe, Tadashi Kamioka, Tomonori Watanabe, Takahiro Komori, Yasushi Imai, Kazuomi Kario
Jichi Medical University, Japan

Chair Masatoshi Miyamura (*Osaka Medical and Pharmaceutical University, Japan*)
Kohki Nakamura (*Gunma Prefectural Cardiovascular Center, Japan*)

- P7-1 Predictors of Prognosis and Recurrence of Atrial Fibrillation After Pulmonary Vein Isolation in Patients with Heart Failure**
Yuichi Toyama, Kimitaka Nishizaki, Takahiko Kinjo, Yuji Ishida, Taihei Itoh, Masaomi Kimura, Shingo Sasaki, Hirofumi Tomita
Hirosaki University Graduate School of Medicine, Japan
- P7-2 Effect of Sodium-Glucose Co-transporter-2 Inhibitor After Catheter Ablation for Atrial Fibrillation**
Momoka Nakajima¹, Hitomi Yuzawa¹, Toshinaru Kawakami¹, Masahiro Sekiguchi¹, Taiki Ishizawa¹, Hideaki Nonaka¹, Naoto Setoguchi¹, Masaaki Nakase¹, Yusuke Watanabe¹, Masaya Shinohara², Yu Horiuchi¹, Masahiko Asami¹, Toshio Kinoshita³, Kazuyuki Yahagi¹, Kota Komiyama¹, Jun Tanaka¹, Jiro Aoki¹, Kengo Tanabe¹, Takanori Ikeda⁴
¹Mitsui Memorial Hospital, Japan, ²Toho University, Japan, ³Toho University Sakura Medical Center, Japan, ⁴Toho University Graduate School of Medicine, Japan
- P7-3 The Procedural Characteristics of Left Atrial Posterior Wall Isolation by Using Ablation Index for Patients with Persistent Atrial Fibrillation**
Hiroshi Tasaka, Kenta Yoshida, Hironobu Sumiyoshi, Ryuki Chatani, Atsushi Sakata, Mitsuru Yoshino, Kazushige Kadota
Kurashiki Central Hospital, Japan
- P7-4 Anatomical Distance Between Epicardium and Endocardium of the Left Atrium**
Rintaro Hojo, Yoshiaki Mizunuma, Takafumi Sasaki, Kosuke Takeda, Hirofumi Kujiraoka, Koichiro Yamaoka, Tomoyuki Arai, Takashi Kimura, Masao Takahashi, Seiji Fukamizu
Tokyo Metropolitan Hiroo Hospital, Japan
- P7-5 Impact of Catheter Ablation on Left Ventricular Diastolic Function Grade and Left Atrial Reverse Remodeling in Patients with Paroxysmal Atrial Fibrillation**
Toshihiko Goto, Kento Mori, Yukako Oishi, Kosuke Nakasuka, Yoshihiro Seo
Nagoya City University Graduate School of Medical Sciences, Japan
- P7-6 Relation of HIV Infection with Atrial Tachyarrhythmia Recurrence in Patients Received with AF Ablation**
Shunsuke Torii^{1,2}, Yoshinari Enomoto², Jumpei Yamamoto^{1,2}, Hisao Hara¹, Yukio Hiroi¹
¹Center Hospital of the National Center for Global Health and Medicine, Japan, ²Toho University Ohashi Medical Center, Japan

Chair Yuji Nishikawa (*Saiseikai Noe Hospital, Japan*)

- P10-1 演題は取り下げられました。**
- P10-2 Impact of Clinical Outcome of CARTOFINDER Guided Pulmonary Vein Isolation for Non-Paroxysmal Atrial Fibrillation**
Koji Goto, Ryoya Takizawa, Kohki Kimura, Yumiko Haraguchi, Wataru Sasaki, Shingo Yoshimura, Shohei Kishi, Takehito Sasaki, Yosuke Nakatani, Yuko Miki, Yutaka Take, Kenichi Kaseno, Kohki Nakamura, Shigeto Naito
Gunma Prefectural Cardiovascular Center, Japan

P10-3 Safety and Outcomes of Single-Operator Cryoablation of Atrial Fibrillation

Yasuaki Tanaka, Kodai Negishi, Hideharu Okamatsu, Takuo Tsurugi, Akino Yoshimura, Fumitaka Onishi, Junjiroh Koyama, Ken Okumura

Saiseikai Kumamoto Hospital, Japan

P10-4 The Rotor Behavior in Persistent Atrial Fibrillation

Yoshifumi Okano, Hironobu Tanii, Yuichi Moriyama, Sho Tanabe, Ryo Okubo, Harumizu Sakurada

Tokyo Metropolitan Health and Medical Treatment Corporation Okubo Hospital, Japan

P10-5 Atrial Flutter and Atrial Tachycardia Post Operation of Cox Maze

Hiroshi Shimizu, Sho Hirayama, Tomoyasu Suzuki, Yusuke Tamura

Saiseikai Niigata Hospital, Japan

P10-6 Characteristics of Patients with Gastroparesis After Pulmonary Vein Isolation

Sayuri Tokioka, Satoshi Miyazawa

Sendai Cardiovascular Center, Japan

Poster15

14:00 ~ 15:00

座長 松本 景史 (JCHO大阪病院臨床工学室)

P15-1 経皮的カテーテル心筋焼灼術を受けた患者の褥瘡発生の現状とリスク要因

脇屋 里美¹, 豊田 未来¹, 渡邊 徒裕¹, 犬飼 智子²

¹倉敷中央病院低侵襲カテーテル治療センター, ²岡山県立大学保健福祉学部看護学科

P15-2 Blood Pool Impedanceに影響する因子の検討

山路 祐生¹, 大吉 真由実¹, 山下 宗一郎², 延澤 佳菜¹, 梶本 敦哉¹, 藤田 遥¹, 中尾 祐基¹, 島津 将平¹, 禾本 拓也¹, 近藤 力也¹, 橋本 圭司¹

¹兵庫県立淡路医療センター診療部臨床工学室, ²兵庫県立淡路医療センター循環器内科

P15-3 アブレーション施行時における全静脈麻酔(TIVA)の検討

藤井 宣匡, 渡邊 敦之

NHO岡山医療センター循環器内科

P15-4 カテーテルアブレーション施行時に大腿静脈穿刺に難渋し、その原因解明に下肢血管エコーが有用であった持続性心房細動の1例

罇 奈都美¹, 清水 博², 長澤 千春¹, 本望 翼³, 坂井 伸行³, 星野 稔貴³, 鈴木 友康², 田村 雄助²

¹済生会新潟病院生理機能検査室, ²済生会新潟病院循環器内科, ³済生会新潟病院臨床工学室

Poster18

14:00 ~ 15:00

座長 内田 文也 (三重ハートセンター診療支援部)

P18-1 肺静脈内細動中に肺静脈再伝導部位をEnSite XのActivation Sequence機能を使用しMappingできた1例

塩野 敦¹, 江神 康之², 吉井 浩人¹, 矢岡 真一¹, 樺田 智大¹, 森奥 知由¹, 山本 敬二¹, 浮田 康平², 安元 浩司², 松永 泰治², 矢野 正道², 西野 雅巳², 田内 潤²

¹大阪労災病院臨床工学室, ²大阪労災病院循環器内科

P18-2 頻拍周期, 心房興奮順序の不安定な心房頻拍にOmnipolar Technologyが有用であった1例

森奥 知由¹, 江神 康之², 吉井 浩人¹, 矢岡 真一¹, 樺田 智大¹, 塩野 敦¹, 山本 敬二¹, 浮田 康平², 安元 浩司², 松永 泰治², 矢野 正道²

¹大阪労災病院臨床工学室, ²大阪労災病院循環器内科

P18-3 アノテーションの違いにより頻拍回路が明瞭に描出された非通常型心房粗動の1例

安田 奈央¹, 土井 厚¹, 森下 雄亮¹, 加藤 俊昭², 淡路 喜史²

¹名古屋掖済会病院臨床工学部, ²名古屋掖済会病院循環器内科

P18-4 冠状静脈洞起源の心房頻拍に対し, CARTO(Pattern Matching)Moduleが有効であった1例

縮 恭一¹, 岡田 直樹¹, 成塚 郁海¹, 澁谷 未来¹, 高瀬 弘樹¹, 石井 渉¹, 森谷 忠生¹, 坂元 雄介¹, 山本 純偉¹, 花木 裕一², 篠田 康俊², 小松 雄樹², 町野 毅², 山崎 浩², 五十嵐 都², 野上 昭彦², 家田 真樹²

¹筑波大学附属病院医療機器管理センター, ²筑波大学医学医療系循環器内科

Poster2

10:00 ~ 11:00

Chair Koichi Kato (*Shiga University of Medical Science, Japan*)

- P2-1** **Glucose Fluctuation Induces the Pro-Inflammatory Secretome Profile of Human Epicardial Adipocyte**
Masayuki Takano, Hidekazu Kondo, Masaki Takahashi, Taisuke Harada, Yumi Ishii, Yasushi Teshima, Naohiko Takahashi
Oita University, Japan
- P2-2** **Pathological and Comprehensive Genetic Investigation of Autopsy Cases of Idiopathic Bradyarrhythmia**
Yukiko Hata¹, Shojiro Ichimata¹, Keiichi Hirono¹, Yoshiaki Yamaguchi², Fukiko Ichida³, Naoki Nishida¹
¹*University of Toyama, Japan*, ²*Saiseikai Takaoka Hospital, Japan*, ³*Sanno Hospital, Japan*
- P2-3** **Incidence and Implications of J Waves Observed During Coronary Angiography**
Yuta Sakaguchi¹, Takao Sato³, Akinori Sato², Koichi Fuse², Yoshiyasu Aizawa⁴, Masaaki Okabe², Daisuke Izumi¹, Takayuki Inomata¹, Yoshifusa Aizawa⁵
¹*Niigata University Graduate School of Medical and Dental Sciences, Japan*, ²*Tachikawa General Hospital, Japan*, ³*Columbia University Irving Medical Center, USA*, ⁴*International University of Health and Welfare, Japan*, ⁵*Tachikawa Medical Center, Japan*

Poster4

15:00 ~ 16:00

Chair Tomosige Morimoto (*Osaka Medical and Pharmaceutical University, Japan*)
Tomotaka Yoshiyama (*Osaka Metropolitan University Graduate School of Medicine, Japan*)

- P4-1** **Tricuspid Valve Chordae Tendineae Rupture by Leadless Pacemaker System Implantation**
Takuya Tomomori, Masaru Kato, Kazuyoshi Ogura, Akihiro Okamura, Shunsuke Kawatani, Aiko Takami, Junichiro Miake, Kazuhiro Yamamoto
Tottori University, Japan
- P4-2** 演題は取り下げられました。
- P4-3** **Risk Factor of Unexpected Non-Septal Implantation of Leadless Pacemaker**
Hirofumi Arai¹, Akira Mizukami², Atsuhito Oda¹, Yuichiro Sagawa¹, Takatoshi Shigeta¹, Akihiko Matsumura², Masahiko Goya³, Tetsuo Sasano³, Yasuteru Yamauchi¹
¹*Yokohama City Minato Red Cross Hospital, Japan*, ²*Kameda Medical Center, Japan*, ³*Tokyo Medical and Dental University, Japan*
- P4-4** **Usefulness of Thoracoscopy Assisted Lead Extraction for Prevention of Fatal Complication**
Yuji Narita, Tetsuyoshi Hattori, Hiroki Furuhashi, Takahiro Ozeki, Toshikuni Yamamoto, Masayoshi Tokoro, Satoshi Yuhara, Shunsuke Nakata, Wataru Uchida, Hideki Ito, Sachie Terazawa, Yoshiyuki Tokuda, Masato Mutsuga, Akihiko Usui
Nagoya University Hospital, Japan
- P4-5** **Contact Dermatitis Associated with Wearable Cardioverter-Defibrillator**
Takanori Arimoto, Tasuku Kurokawa, Naoaki Hashimoto, Kyoko Koyama, Ken Watanabe, Daisuke Kutsuzawa, Shigehiko Kato, Tetsu Watanabe, Masafumi Watanabe
Yamagata University, Japan

P4-6 Sheath Shape Pattern During Leadless Pacemaker Implantation

Motomi Tachibana

Sakakibara Heart Institute, Japan

Poster9

10:00 ~ 11:00

Chair Hiroshi Taniguchi (*Tokorozawa Heart Center, Japan*)

Kunihiko Kiuchi (*Kobe University Graduate School of Medicine, Japan*)

P9-1 Low-Power Long-Duration Ablation Is Better than High-Power Short-Duration Ablation Guided by Unipolar Signal Modification Against the Septopulmonary Bundle During Catheter Ablation of Atrial Fibrillation

Hiroki Yano, Taku Nishida, Junichi Sugiura, Koshiro Kanaoka, Ayaka Keshi, Yukihiro Hashimoto, Yasuki Nakada, Hitoshi Nakagawa, Tomoya Ueda, Ayako Senoo, Kenji Onoue, Makoto Watanabe, Yoshihiko Saito

Nara Medical University, Japan

P9-2 Guideline-Based Evaluation of Left Ventricular Diastolic Dysfunction Is Associated with Atrial Low Voltage Area and Arrhythmia Recurrence in Paroxysmal Atrial Fibrillation Patients Undergoing Catheter Ablation

Yoshihiro Nomura¹, Masahide Harada¹, Yukina Banno², Jun Takeda¹, Yuji Motoike¹, Masayuki Koshikawa¹, Eiichi Watanabe², Hideo Izawa¹

¹*Fujita Health University, Japan*, ²*Fujita Health University Bantane Hospital, Japan*

P9-3 The Characteristics of Dabigatran Switch in Clinical Practice

Tsuyoshi Takada, Koji Fukuda, Keita Miki, Kenatro Aizawa, Nobuyuki Shiba

International University of Health and Welfare Hospital, Japan

P9-4 Impact of Cavotricuspid Isthmus Depth on the Ablation Index for Successful First-Pass Typical Atrial Flutter Ablation

Manabu Kashiwagi, Akio Kuroi, Kosei Terada, Suwako Fujita, Takashi Tanimoto, Atsushi Tanaka

Wakayama Medical University, Japan

P9-5 Additional Cryoablation on the Residual Pulmonary Vein Connections Detected by High-Resolution Mapping

Keita Miki, Koji Fukuda, Tsuyoshi Takada, Kentaro Aizawa, Nobuyuki Shiba

International University of Health and Welfare Hospital, Japan

P9-6 Outcomes of Catheter Ablation in Octogenarian Patients with Atrial Fibrillation

Kentaro Aizawa, Koji Fukuda, Tsuyoshi Takada, Keita Miki, Nobuyuki Shiba

International University of Health and Welfare Hospital, Japan

Poster11

15:00 ~ 16:00

Chair Tadashi Fujino (*Toho University, Japan*)

Koichiro Motoki (*Tokushima Red Cross Hospital, Japan*)

P11-1 Clinical Outcomes After One-Year Treatments with Cryoballoon Ablation for Persistent Atrial Fibrillation at Ise Red Cross Hospital

Hokuto Yamagishi, Shigetoshi Sakabe, Kenichi Maeno, Atsunobu Kasai

Ise Red Cross Hospital, Japan

P11-2 Relationship Between Achieving Posterior Wall Isolation with Only Creating Initial Linear Lesion and Recurrence of Atrial Tachyarrhythmia in Patients with Persistent Atrial Fibrillation

Takashi Kimura, Yoshiaki Mizunuma, Takafumi Sasaki, Koichiro Yamaoka, Hirofumi Kujiraoka, Kosuke Takeda, Tomoyuki Arai, Masao Takahashi, Rintaro Hojo, Seiji Fukamizu

Tokyo Metropolitan Hiroo Hospital, Japan

- P11-3 Improvement of Cardiac Function After Catheter Ablation for Frequent Idiopathic Ventricular Premature Contraction of Outflow Tract Origin**
Shokan Kyo, Naoaki Onishi, Maki Oi, Shota Osaki, Shohei Terada, Kyohei Kawakami, Katsutoshi Horii, Miyako Sato, Kazuaki Kaitani
Otsu Red Cross Hospital, Japan
- P11-4 Different Characteristics After Radiofrequency and Cryo Ablations Based on Late Gadolinium Enhancement Magnetic Resonance Imaging**
Yosuke Mizuno¹, Kennosuke Yamashita¹, Kazunori Sugimura¹, Kosuke Onodera¹, Takehiro Nomura¹, Kenichi Furuya¹, Ranjan Ravi²
¹Sendai Kousei Hospital, Japan, ²University of Utah, USA
- P11-5 Investigation of the Origin of Atrial Late Potentials Using Invasive Atrial Mapping System**
Tetsuri Sakai, Atsuhiko Yagishita, Susumu Sakama, Kengo Ayabe, Mari Amino, Yuji Ikari, Koichiro Yoshioka
Tokai University, Japan
- P11-6 Comparison of a Novel Motor-Driven Endoscopic-Guide Laser Balloon Ablation System and Conventional System in Japanese Clinical Practice**
Masahiro Ishikura, Atsushi Kobori, Yasuhiro Sasaki, Yutaka Furukawa
Kobe City Medical Center General Hospital, Japan

Poster12

10:00 ~ 11:00

Chair Masato Murakami (*Shonan Kamakura General Hospital, Japan*)
Kanako Ito-Hagiwara (*Nippon Medical School, Japan*)

- P12-1 Long-Term Effect on Heart Rate Variability After Catheter Ablation for Atrial Fibrillation: Comparison of Radiofrequency and Cryoballoon Ablation**
Yuhei Isonaga¹, Miho Negishi¹, Toshikazu Kono¹, Hiroaki Ohya¹, Kazuya Murata¹, Yukihiro Inamura¹, Akira Sato¹, Osamu Inaba¹, Yutaka Matsumura¹, Junichi Nitta², Masahiko Goya³, Tetsuo Sasano³
¹Saitama Red Cross Hospital, Japan, ²Sakakibara Heart Institute, Japan, ³Tokyo Medical and Dental University Hospital, Japan
- P12-2 Physical Component Summary Score at 1 Year After Ablation Can Predict a Very Late Recurrence of Atrial Fibrillation: Insights from the EARNEST-PVI Trial**
Takashi Kanda¹, Masaharu Masuda¹, Koichi Inoue², Tetsuya Watanabe³, Yasuyuki Egami⁴, Nobuhiko Makino⁵, Nobuaki Tanaka⁶, Takafumi Oka⁷, Miwa Miyoshi⁸, Tomoko Minamisaka⁹, Hitoshi Minamiguchi⁵, Masato Okada⁶, Yasuhiro Matsuda¹, Masato Kawasaki³, Shungo Hikoso⁷, Yasushi Sakata⁷
¹Kansai Rosai Hospital, Japan, ²NHO Osaka National Hospital, Japan, ³Osaka General Medical Center, Japan, ⁴Osaka Rosai Hospital, Japan, ⁵Osaka Police Hospital, Japan, ⁶Sakurabashi Watanabe Hospital, Japan, ⁷Osaka University Graduate School of Medicine, Japan, ⁸JCHO Osaka Hospital, Japan, ⁹Yao Municipal Hospital, Japan
- P12-3 Radiofrequency Energy to Create Transmural Lesions for AF Ablation May Depend on AF Severity**
Shun Kikuchi, Kazuo Kato, Yukihiro Uehara, Shin Hasegawa, Nobuo Ishiguro, Akimitsu Tanaka, Miyuki Ando, Hidekazu Aoyama, Ryosuke Kametani
Nagoya Tokushukai General Hospital, Japan
- P12-4 Efficacy and Complications of Vascular Closure Device in Cases Who Underwent Pulmonary Vein Isolation**
Yasushi Suzuki, Shimpei Kuno, Kazuhiro Naito, Masashi Otsuji, Kazuma Miura, Tetsuya Amano
Aichi Medical University, Japan

P12-5 The Association Between Brockenbrough Site and Requirement of Touch-Up Ablation Following Pulmonary Vein Isolation Using Balloon Devices

Masaaki Yokoyama, Seigo Yamashita, Hidenori Sato, Hirotsuna Oseto, Kenichi Tokutake, Kenichi Yokoyama, Mika Kato, Ryohsuke Narui, Shinichi Tanigawa, Michifumi Tokuda, Satoru Miyanaga, Kenichi Sugimoto, Michihiro Yoshimura, Teiichi Yamane

The Jikei University School of Medicine, Japan

Poster14

10:00 ~ 11:00

座長 中嶋 勉 (群馬県立心臓血管センター臨床工学課)

P14-1 心房細動における肺静脈隔離術において不必要な食道上の通電を避ける工夫の検討

滑川 隆¹, 山口 展寛²

¹NHO仙台医療センター臨床工学室, ²NHO仙台医療センター循環器内科

P14-2 右房造影および多電極マッピングにより下大静脈・三尖弁輪間峡部の陥凹部を架橋する再伝導が示唆された通常型心房粗動の1例

本望 翼¹, 清水 博², 坂井 伸行¹, 星野 稔貴¹, 鈴木 友康², 田村 雄助²

¹済生会新潟病院臨床工学室, ²済生会新潟病院循環器内科

P14-3 左心房斜静脈関与の心房頻拍と鑑別を要した巨大左心耳内のリエントリー性心房頻拍の1例

見山 淳¹, 福田 浩二²

¹国際医療福祉大学病院臨床工学部, ²国際医療福祉大学病院循環器内科不整脈センター

P14-4 HDGの特性を生かしアブレーションに成功した1例

青木 佑介

イムス葛飾ハートセンター臨床工学科

Poster16

15:00 ~ 16:00

座長 一柳 宏 (名古屋大学医学部附属病院臨床工学技術部)

P16-1 植込み型心臓モニタが有効であった1例

藤井 洵希¹, 逸見 隆太², 神谷 典男¹, 増井 浩史¹, 三浦 啓道¹, 富田 聡子¹, 古山 大志¹, 清水 奎太¹, 大平 和¹, 大野 喬亮¹, 杉浦 亮², 北本 憲永¹

¹聖隷浜松病院臨床工学室, ²聖隷浜松病院循環器科

P16-2 遠隔モニタリングにて管理を行っている患者の緊急チェック時エピソードデータ表示時刻にズレが生じた1例

森末 明彦¹, 前田 賢吾¹, 中本 征則¹, 近藤 健人²

¹広島心臓血管病院診療技術部, ²広島心臓血管病院循環器内科

P16-3 陽子線治療期間中に植込み型心臓デバイスがリセット現象を起こしていた1例

森谷 忠生¹, 縮 恭一¹, 成塚 郁海¹, 岡田 直樹¹, 澁谷 未来¹, 高瀬 弘樹¹, 石井 渉¹, 坂元 雄介¹, 山本 純偉¹, 花木 裕一², 篠田 康俊², 小松 雄樹², 町野 毅², 山崎 浩², 五十嵐 都², 野上 昭彦², 家田 真樹²

¹筑波大学附属病院医療機器管理センター, ²筑波大学医学医療系循環器内科

P16-4 交換時コモンモードノイズによりペーシング抑制を認めた1症例

小森 直美¹, 森本 直樹¹, 田中 宣行¹, 當眞 章五¹, 白杵 大介¹, 坂口 直久¹, 市木 也久¹, 井上 啓司²

¹京都第二赤十字病院臨床工学課, ²京都第二赤十字病院循環器内科

P16-5 ペースメーカー症例にて240bpmの頻脈を検出できなかった症例

長見 英治¹, 渡邊 寛²

¹取手医師会取手北相馬保健医療センター医師会病院ME室, ²取手医師会取手北相馬保健医療センター医師会病院循環器科

Poster Session (1F G1/G2/G3/G4)

Poster6

10:00 ~ 11:00

Chair Atsushi Doi (*Otemae Hospital, Japan*)
Masateru Takigawa (*Tokyo Medical and Dental University, Japan*)

- P6-1 Efficacy of Extensive Pulmonary Vein Isolation Using Cryoballoon**
Takahiro Furuya
Showa University Koto Toyosu Hospital, Japan
- P6-2 Long-Term Outcome After Catheter Ablation for Patients with Persistent and Long-Standing Atrial Fibrillation by Using a 14-Days, Leadless, Adhesive Patch Electrocardiographic Monitor**
Yuichiro Sakamoto, Daisuke Yoshimoto, Ryo Yamaguchi, Hirotada Hoshino, Takahiko Suzuki
Toyohashi Heart Center, Japan
- P6-3 Safety and Efficacy of Catheter Ablation for Atrial Fibrillation in Elderly Patients**
Ryoko Yada, Kazuhiro Nagaoka, Hideki Tashiro
St. Mary's Hospital, Japan
- P6-4 The Feature of Voltage Map with Difficult First-Pass Pulmonary Vein Isolation**
Yasuhiro Yokoyama, Tomoko Takahashi, Hiroki Arase, Kozue Ogasawara, Takashi Yamamoto, Akiyoshi Kakutani
Yoshinogawa Medical Center, Japan
- P6-5 Higher Mean Heart Rate Is Associated with Left Ventricular Reverse Remodeling After Catheter Ablation in Patients with Persistent Atrial Fibrillation**
Daiki Saito, Jun Oikawa, Hidehira Fukaya, Yutaro Mitani, Yusuke Murayama, Tetsuro Sato, Gen Matsuura, Hironori Nakamura, Naruya Ishizue, Jun Kishihara, Shinichi Niwano, Junya Ako
Kitasato University, Japan
- P6-6 New Normal Definition of Left-Atrial Microelectrode-Derived Bipolar Voltage Recorded by QDOT Micro Catheter: Implication for Efficacy of Pulmonary Vein Isolation**
Satoshi Hayashida, Koichi Nagashima, Yuji Wakamatsu, Naoto Otsuka, Shu Hirata, Moyuru Hirata, Sayaka Kurokawa, Yasuo Okumura
Nihon University, Japan

Poster8

10:00 ~ 11:00

Chair Atsunobu Kasai (*Ise Red Cross Hospital, Japan*)
Takehiro Kimura (*Keio University, Japan*)

- P8-1 Long-Term Effects of Catheter Ablation on the Exercise Tolerance, Leg Strength, and Quality of Life in Paroxysmal and Non-Paroxysmal Atrial Fibrillation**
Gen Matsuura, Hidehira Fukaya, Yutaro Mitani, Yusuke Murayama, Daiki Saito, Tetsuro Sato, Hironori Nakamura, Naruya Ishizue, Jun Oikawa, Jun Kishihara, Shinichi Niwano, Junya Ako
Kitasato University, Japan

P8-2 Angiographical Evaluation of Coronary Artery Spasms and Stenosis After Atrial Fibrillation Ablation

Akihiko Ueno, So Takenaka, Masayoshi Sakakibara, Ayano Enzan
IMS Katsushika Heart Center, Japan

P8-3 Efficacy of Combined Antiarrhythmic Drug Therapy After Catheter Ablation for Atrial Fibrillation in Patients with Hypertrophic Cardiomyopathy

Masakazu Miyamoto, Koji Nakagawa, Tomofumi Mizuno, Takashi Nishimoto, Takuro Masuda, Akira Ueoka, Saori Asada, Satoshi Kawada, Nobuhiro Nishii, Kazufumi Nakamura, Hiroshi Morita, Hiroshi Ito
Okayama University Graduate School of Medicine, Japan

P8-4 Lower Body Surface Area Predict the Extent of Left Atrial Low Voltage Zone and Arrhythmia Recurrence in Patients with Persistent Atrial Fibrillation

Shinsuke Iwai, Nobutaka Kato, Kiko Akiyoshi, Hiroataka Muramoto, Koji Higuchi, Yoshiro Nishio, Yumi Yasui, Aki Ito, Koki Takegawa, Yohei Sumino, Keiko Araki, Isshi Kobayashi, Yuko Onishi, Yasuhiro Sato
Hiratsuka Kyosai Hospital, Japan

P8-5 Feasibility of Lower Value Ablation Index-Guided Pulmonary Vein Isolation in Patients with Atrial Fibrillation

Kyon-hee Lee, Tetsuri Sakai, Atsuhiko Yagishita, Kengo Ayabe, Susumu Sakama, Mari Amino, Yuji Ikari, Koichiro Yoshioka
Tokai University, Japan

P8-6 Predictor of the Recurrence Over 3 Years After Catheter Ablation for Paroxysmal Atrial Fibrillation

Akira Sato, Yuhei Isonaga, Toshikazu Kono, Hiroaki Ohya, Kazuya Murata, Yukihiro Inamura, Osamu Inaba
Saitama Red Cross Hospital, Japan

Poster13

10:00 ~ 11:00

Chair Kazuyoshi Suenari (*Hiroshima City Hospital, Japan*)
Masao Takemoto (*Steel Memorial Yawata Hospital, Japan*)

P13-1 Impact of Left Atrial Appendage Enhancement Pattern with Cardiac Computed Tomography and Flow Velocity in Patients with Atrial Fibrillation

Jumpei Yamamoto¹, Shunsuke Torii¹, Yoshinari Enomoto², Masaya Yamamoto¹, Hisao Hara¹, Yukio Hiroi¹
¹Center Hospital of the National Center for Global Health and Medicine, Japan, ²Toho University Ohashi Medical Center, Japan

P13-2 Redo Ablation Strategies for Non-Pulmonary Vein-Dependent Atrial Fibrillation: Non-Pulmonary Vein Foci Ablation Versus Empirical Box and Superior Vena Cava Isolation

Takehito Sasaki, Kohki Nakamura, Ryoya Takizawa, Kohki Kimura, Wataru Sasaki, Yumiko Haraguchi, Shingo Yoshimura, Shohei Kishi, Yosuke Nakatani, Yuko Miki, Koji Goto, Yutaka Take, Kenichi Kaseno, Shigeto Naito
Gunma Prefectural Cardiovascular Center, Japan

P13-3 Importance of Additional Ablation Other than Pulmonary Vein Isolation for the Patients of Atrial Fibrillation with Hypertrophic Cardiomyopathy

Hiroshi Fukunaga, Junichi Nitta, So Asano, Takahiko Nagase, Yukio Sekiguchi, Kohei Tanizaki, Jun Umemura, Mitsuaki Isobe
Sakakibara Heart Institute, Japan

P13-4 Efficacy of Catheter Ablation for Atrial Tachycardia Emerging During Ablation for Atrial Fibrillation

Kento Mori, Toshihiko Goto, Marina Kato, Kosuke Nakasuka, Kazuaki Wakami, Tomonori Sugiura, Hidekatsu Fukuta, Yoshihiro Seo
Nagoya City University Graduate School of Medical Sciences, Japan

P13-5 The Long-Term Follow Up of BOX Isolation for Atrial Fibrillation with and Without Heart Failure

Maki Oi, Shokan Kyo, Naoaki Onishi, Shota Osaki, Shohei Terada, Kyohei Kawakami, Katsutoshi Horii, Miyako Sato, Kazuaki Kaitani
Otsu Red Cross Hospital, Japan

Poster17

10:00 ~ 11:00

座長 神谷 典男 (聖隷浜松病院臨床工学室)

P17-1 陳旧性心筋梗塞に伴う心室頻拍に対し、Isochronal Late Activation Mapが必須緩徐伝導路の同定に有用であり、局所電位の評価で焼灼に成功した1例

志村 亜由香¹, 岩崎 雄樹², 菊地 舜¹, 岡田 泰司², 新井 俊貴², 三室 嶺², 蜂須賀 誠人², 藤本 雄飛², 萩原 かな子², 岡 英一郎², 林 洋史², 村田 広茂², 山本 哲平², 淀川 顕司², 清水 渉², 鈴木 健一¹, 石川 真士¹

¹日本医科大学付属病院ME部, ²日本医科大学付属病院循環器内科

P17-2 ヒス束近傍起源の心室期外収縮に対して、SOUNDSTARによる大動脈冠尖および左室流出路の解剖学的情報を参考に焼灼に成功した1例

菊地 舜¹, 岡田 泰司², 新井 俊貴², 三室 嶺², 蜂須賀 誠人², 藤本 雄飛², 萩原 かな子², 岡 英一郎², 林 洋史², 山本 哲平², 村田 広茂², 淀川 顕司², 清水 渉², 志村 亜由香¹, 中山 拓也¹, 山田 知見¹, 鈴木 健一¹, 石川 真士¹

¹日本医科大学付属病院ME部, ²日本医科大学付属病院循環器内科

P17-3 DECANAV® 磁気センサーカテーテルによりVT CircuitのExitが左室心筋層内であることが示唆された拡張相肥大大型心筋症の1例

坂元 雄介¹, 縮 恭一¹, 成塚 郁海¹, 岡田 直樹¹, 澁谷 未来¹, 高瀬 弘樹¹, 石井 渉¹, 森谷 忠生¹, 山本 純偉¹, 花木 裕一², 篠田 康俊², 小松 雄樹², 町野 毅², 山崎 浩², 五十嵐 都², 野上 昭彦², 家田 真樹²

¹筑波大学附属病院医療機器管理センター, ²筑波大学医学医療系循環器内科

P17-4 Mahaim束との鑑別を要した左右自由壁Kent束を回路とするAVRTの1例

新堀 佑樹¹, 岡村 瑛葵¹, 中村 聖也¹, 島崎 寿¹, 濱浦 昂佑¹, 佐藤 晃太郎¹, 小山内 康貴¹, 岩川 英弘², 田代 晴生², 寺田 健²

¹秋田大学医学部附属病院臨床工学センター, ²秋田大学医学部附属病院循環器内科

P17-5 副伝導路を有した患者へのヒス束ペーシングペースメーカー留置後、カテーテルアブレーションを行い、逆行性伝導時間に変化が生じた症例

一柳 宏¹, 因田 恭也², 柳澤 哲², 佐藤 有紀¹, 柴田 真志¹, 日比野 倫子¹, 藤掛 祐美¹, 水野 宏哉¹, 久保田 捺未¹, 長谷川 静香¹, 小山 富生¹

¹名古屋大学医学部附属病院臨床工学技術部, ²名古屋大学大学院医学系研究科循環器内科学