

**Basic Science Genetic and molecular mechanisms of arrhythmia**

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- P01 Contribution of Genetic Screening for Patients with Arrhythmogenic Cardiomyopathy**  
Megumi Fukuyama<sup>1</sup>, Seiko Ohno<sup>2</sup>, Koichi Kato<sup>1</sup>, Tomoya Ozawa<sup>1</sup>, Takeru Makiyama<sup>3</sup>, Yoshihisa Nakagawa<sup>1</sup>, Minoru Horie<sup>1</sup>  
<sup>1</sup>Shiga University of Medical Science, <sup>2</sup>National Cerebral and Cardiovascular Center, <sup>3</sup>Kyoto University Graduate School of Medicine
- P02 A Prognosis of Asymptomatic School Aged Students with QT Prolongation Detected by School Based ECG-Screening**  
Shuhei Fujita, Keigo Nishida, Kazuo Usuda, Michiro Maruyama, Kiyoshi Hatasaki  
Toyama Prefectural Central Hospital
- P03 Calcium Uptake into Mitochondria Via Mitochondrial Calcium Uniporter Suppress Intracellular Calcium Waves in the Ischemic Heart Failure Mice**  
Hikaru Hagiwara, Masaya Watanabe, Yoichiro Fujioka, Taro Koya, Motoki Nakao, Yumi Takahashi, Rui Kamada, Yusuke Ohba, Toshihisa Anzai  
Faculty of Medicine and Graduate School of Medicine, Sapporo University

**Basic Science Computer simulation studies**

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- P04 Relations Between Early Afterdepolarizations and Ventricular Lethal Arrhythmias in Long QT Syndrome: A Simulation Study**  
Kunichika Tsumoto<sup>1</sup>, Takao Shimamoto<sup>2</sup>, Akira Amano<sup>2</sup>, Yasutaka Kurata<sup>1</sup>  
<sup>1</sup>Kanazawa Medical University, <sup>2</sup>Ritsumeikan University
- P05 Dynamical Mechanisms of Human Sinoatrial Node Pacemaking: Insights from Bifurcation Analysis of a Mathematical Model**  
Yasutaka Kurata<sup>1</sup>, Kunichika Tsumoto<sup>1</sup>, Ichiro Hisatome<sup>2</sup>  
<sup>1</sup>Kanazawa Medical University, <sup>2</sup>Tottori University Graduate School of Medical Science

**Basic Science Atrial arrhythmia and AF**

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- P06 The Relationship Between Left Atrial Pressure Pattern and Left Atrial Low Voltage Area**  
Hisafumi Nomura, Masatoshi Miyamura  
Osaka Medical College
- P07 Repeating Glucose Fluctuations in Streptozotocin-Induced Diabetic Mice Impair Sinus Node Function**  
Takahiro Oniki<sup>1</sup>, Yasushi Teshima<sup>1</sup>, Yumi Ishi<sup>1</sup>, Shintaro Kira<sup>1</sup>, Miho Miyoshi<sup>1</sup>, Ichitaro Abe<sup>1</sup>, Kunio Yufu<sup>1</sup>, Tatsuo Shimada<sup>2</sup>, Naohiko Takahashi<sup>1</sup>  
<sup>1</sup>Oita University, <sup>2</sup>Oita Medical Technical School
- P08 A Lower Albumin Level Causes Bleeding in Patients with Atrial Fibrillation Taking Rivaroxaban: A Direct Oral Anticoagulant**  
Katsuya Akitsu, Tadashi Fujino, Ryou Wada, Kensuke Yano, Masaya Shinohara, Hideki Koike, Toshio Kinoshita, Hitomi Yuzawa, Takanori Ikeda  
Toho University Graduate School of Medicine

**P09**      **The Relationship Between Renal Function and Isolated Diastolic Dysfunction in Patients with Paroxysmal Atrial Fibrillation**  
Kentaro Tanaka<sup>1</sup>, Takashi Komatsu<sup>2</sup>, Kaori Kojima<sup>3</sup>, Youhei Sawa<sup>2</sup>, Maiko Hozawa<sup>2</sup>, Reisuke Yoshizawa<sup>2</sup>, Fusanori Kunugita<sup>4</sup>, Shingen Owada<sup>2</sup>, Akiko Kumagai<sup>2</sup>, Atsushi Tashiro<sup>2</sup>, Yoshihiro Morino<sup>2</sup>  
<sup>1</sup>Morioka Red Cross Hospital, <sup>2</sup>Iwate Medical University, <sup>3</sup>Hachinohe Red Cross Hospital, <sup>4</sup>General Hanamaki Hospital

**P10**      **A Novel Simple Risk Score for the Prediction of All Cause Death in Atrial Fibrillation Patients with Direct Oral Anticoagulants**  
Masato Kawasaki, Takahisa Yamada, Tetsuya Watanabe, Yoshio Furukawa, Shunsuke Tamaki, Masatake Fukunami  
Osaka General Medical Center

## Device Management

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**P11**      **Safety of Uninterrupted Direct Oral Anticoagulants in Patients Undergoing Surgery of High-Voltage Cardiac Implantable Electronic Devices**  
Yuhi Hasebe, Makoto Nakano, Kentaro Aizawa, Susumu Morosawa, Hideka Hayashi, Hiroaki Shimokawa  
Tohoku University Graduate School of Medicine

**P12**      **The Risk Factor of Perioperative Junctional Ectopic Tachycardia in Congenital Heart Disease Surgery**  
Gaku Izumi, Kohta Taniguchi, Jiro Abe, Ayako Nagai, Hirokuni Yamazawa, Atsuhito Takeda, Nobuyasu Kato  
Hokkaido University

**P13**      **Risk Stratification for Ischemic Stroke and Major Bleeding in Patients Without Atrial Fibrillation: Validity of CHADS<sub>2</sub> and HAS-BLED Scores**  
Miyo Nakano, Yusuke Kondo, Masahiro Nakano, Takatsugu Kajiyama, Ryo Ito, Haruhiro Takahira, Mari Kitagawa, Masafumi Sugawara, Toshinori Chiba, Yoshio Kobayashi  
Chiba University Graduate School of Medicine

## Device Heart Failure

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**P14**      **Increased Respiratory Disturbance Index Measured Using an Advanced Device Algorithm Is Associated with Heart Failure Development**  
Yasushi Wakabayashi, Takashi Koyama, Masanori Kobayashi, Tomohide Ichikawa, Hidetoshi Abe  
Matsumoto Kyoritsu Hospital

**P15**      **Impact of Improved Peak Exercise Oxygen Consumption by Cardiac Rehabilitation on the Long-Term Incidence of Atrial and Ventricular Arrhythmias in Patients with Heart Failure**  
Tetsuri Sakai, Atsuhiko Yagishita, Susumu Sakama, Kengo Ayabe, Shigetaka Kanda, Mari Amino, Koichiro Yoshioka, Yuji Ikari  
Tokai University

**P16**      **Predictor of Tachycardia Induced Cardiomyopathy in Patients with Persistent Atrial Fibrillation by Cardiopulmonary Exercise Testing**  
Hiroshi Shimada<sup>1</sup>, Karina Hara<sup>1</sup>, Mari Ohmori<sup>1</sup>, Ryo Tateishi<sup>1</sup>, Toshio Kaneda<sup>1</sup>, Yosuke Yamakami<sup>1</sup>, Tomoko Manno<sup>1</sup>, Ami Isshiki<sup>1</sup>, Shigeki Kimura<sup>1</sup>, Masato Shimizu<sup>1</sup>, Hiroyuki Fujii<sup>1</sup>, Makoto Suzuki<sup>1</sup>, Mitsuhiro Nishizaki<sup>2</sup>  
<sup>1</sup>Yokohama Minami Kyosai Hospital, <sup>2</sup>Kanto Gakuin University

**P17**      **The Relationship of Atrial Fibrillation and Clinical Features with Prognosis in Patients with Acute Decompensated Heart Failure**  
Reo Hata, Hiroshi Tasaka, Yuichi Kawase, Atsushi Sakata, Masatomo Ozaki, Mitsuru Yoshino, Kazushige Kadota  
Kurashiki Central Hospital

**P18 Impact of Cardiac Beta-Adrenergic Receptor Density Evaluated by Cardiac PET on Chronotropic Incompetence**

Kento Mori<sup>1</sup>, Toshihiko Goto<sup>1</sup>, Syohei Kikuchi<sup>1</sup>, Marina Kato<sup>1</sup>, Kosuke Nakasuka<sup>1</sup>, Takafumi Nakayama<sup>1</sup>, Kazuaki Wakami<sup>1</sup>, Hidekatsu Fukuta<sup>1</sup>, Hitomi Narita<sup>2</sup>, Akihiko Iida<sup>2</sup>, Yoshihiro Seo<sup>1</sup>, Nobuyuki Ohte<sup>1</sup>  
<sup>1</sup>Nagoya City University, <sup>2</sup>Nagoya City Rehabilitation and Sports Center Hospital

**Device His Pacing**

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**P19 The Efficacy of Procedure of His Bundle Pacing in Real World: This Will Be Standard Therapy in the Future?**

Mitsuhiko Yahata  
*Shizuoka General Hospital*

**P20 演題は取り下げられました。**

**P21 Electrophysiological Characteristics of His-Purkinje System Observed in His-Bundle Pacing**

Yasumasa Nohno, Hidetomo Nohmi, Yuki Yamamoto, Hiromi Tsuchiya, Tomoya Hasegawa, Takashi Yanagisawa, Masayuki Ogihara, Takahiro Tachibana, Hikaru Kimura, Yoshikazu Yazaki  
*Saku Central Hospital Advanced Care Center*

**Device ICD/S-ICD**

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**P22 Prognosis of Patients with Implantable Cardioverter Defibrillator for Primary Prevention in Ischemic Cardiomyopathy**

Ami Isshiki<sup>1</sup>, Makoto Suzuki<sup>1</sup>, Mari Ohmori<sup>1</sup>, Ryo Tateishi<sup>1</sup>, Toshio Kaneda<sup>1</sup>, Yosuke Yamakami<sup>1</sup>, Hiroshi Shimada<sup>1</sup>, Tomoko Manno<sup>1</sup>, Shigeki Kimura<sup>1</sup>, Masato Shimizu<sup>1</sup>, Hiroyuki Fujii<sup>1</sup>, Mitsuhiro Nishizaki<sup>2</sup>  
<sup>1</sup>Yokohama Minami Kyosai Hospital, <sup>2</sup>Kanto Gakuin University

**P23 Incidence and Management of the Inappropriate Shocks in the Entirely Subcutaneous Implantable Cardioverter Defibrillator**

Kei Mabuchi, Inoue Kanki, Sou Asano, Hiroshi Fukunaga, Takahiko Nagase, Junichi Nitta, Mitsuaki Isobe  
*Sakakibara Heart Institute*

**P24 Incorporation of Right Ventricular Function Into Predictor of Appropriate Therapy of Implantable Cardioverter Defibrillator**

Toshinori Chiba, Takatsugu Kajiyama, Mari Kitagawa, Haruhiro Takahira, Ryo Ito, Miyo Nakano, Masahiro Nakano, Yusuke Kondo, Yoshio Kobayashi  
*Chiba University Graduate School of Medicine*

**Device Leadless PM**

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**P25 演題は取り下げられました。**

**P26 Leadless Pacemaker Positions Confirmed by Computed Tomography Imaging**

Yuhei Isonaga, Nobuhiro Nishiyama, Hideomi Fujiwara, Masahiro Morise, Chinatsu Komiyama, Yu Ohtsu, Risa Fukumoto, Masanari Kuwabara, Yasuhiro Tomita, Tetsuo Yamaguchi, Mitsuhiko Ohta, Yo Fujimoto, Takahide Kodama  
*Toranomon Hospital*

**P27 Safety and Efficacy of Intracardiac Echocardiography-Guided Leadless Pacemaker Implantation**

Shun Hasegawa, Keisuke Futagawa, Tatsuro Iida, Nauka Hayashi, Erina Tomari, Keisuke Suzuki, Katsuya Suzuki, Atsushi Honda, Yuichiro Yamada, Shoji Haruta  
*Tokyo Woman's Medical University Yachiyo Medical Center*

## Device PM

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### P28 The Frailty Score Predicts Clinical Outcomes After Implanting Transvenous Pacemaker in Patients Over Aged 80 Years old

Rina Ishii<sup>1,2</sup>, Yoshinari Enomoto<sup>1</sup>, Masako Asami<sup>1</sup>, Takahito Takagi<sup>1</sup>, Hikari Hashimoto<sup>1</sup>, Keijiro Nakamura<sup>1</sup>, Kenta Kumagai<sup>2</sup>, Mahito Noro<sup>2</sup>, Masao Moroi<sup>1</sup>, Masato Nakamura<sup>1</sup>, Kaoru Sugi<sup>2</sup>

<sup>1</sup>Toho University Medical Center Ohashi Hospital, <sup>2</sup>Odawara Cardiovascular Hospital

### P29 Right Ventricular Apex Pacing Increases the Left Ventricular Flow Energy Loss

Yuki Arakawa, Hidehira Fukaya, Daiki Saito, Tetsuro Sato, Gen Matsuura, Shuhei Kobayashi, Yuki Shirakawa, Ryo Nishinarita, Ai Horiguchi, Naruya Ishizue, Jun Oikawa, Jun Kishihara, Shinichi Niwano, Junya Ako

*Kitasato University School of Medicine*

### P30 Anti-Tachycardia Pacing (Reactive-ATP) Is Effective in Patients with a History of Catheter Ablation for Atrial Fibrillation

Toshifumi Nakagomi, Yasuya Inden, Masafumi Simojo, Takashi Okajima, Koichi Furui, Shuro Riku, Kazumasa Suga, Satoshi Yanagisawa, Toyoaki Murohara

*Nagoya University Graduate School of Medicine*

### P31 Impaired Cranial Shift in the Pacemaker Location in Patients with Chronotropic Incompetence

Toshihiko Goto, Kento Mori, Yasuhiro Shintani, Tatsuya Mizoguchi, Junki Yamamoto, Takafumi Nakayama, Marina Kato, Kousuke Nakasuka, Kazuaki Wakami, Hidekatsu Fukuta, Yoshihiro Seo, Nobuyuki Ohte

*Nagoya City University Graduate School of Medical Sciences*

## Device Leadless PM

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### P32 Clinical Characteristics of Leadless Pacemaker Implantations Due to Atrioventricular Block After a Transcatheter Aortic Valve Implantation: From the Analysis of the Micra Registry

Kentarō Adachi<sup>1</sup>, Junichi Ohno<sup>1</sup>, Hitoshi Minamiguchi<sup>1</sup>, Tomoaki Kobayashi<sup>1</sup>, Yohei Sotomi<sup>2</sup>, Naoki Mori<sup>1</sup>, Yasuhiro Ichibori<sup>1</sup>, Takaharu Hayashi<sup>1</sup>, Nobuhiko Makino<sup>1</sup>, Akio Hirata<sup>1</sup>, Atsushi Hirayama<sup>1</sup>, Yoshiharu Higuchi<sup>1</sup>

<sup>1</sup>Osaka Police Hospital/Osaka Japan, <sup>2</sup>Osaka University Graduate School of Medicine

## Device PM

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### P33 Difference of Patient Background and Prognosis Between Transvenous VVI Pacemakers and Leadless Pacemakers

Takatsugu Kajiyama, Yusuke Kondo, Masahiro Nakano, Miyo Nakano, Ryo Ito, Haruhiro Takahira, Mari Kitagawa, Masafumi Sugawara, Toshinori Chiba, Yoshio Kobayashi

*Chiba University Graduate School of Medicine*

### P34 The Association Between P-Wave Duration and Atrial Fibrillation Burden in Patients with Permanent Pacemaker

Yosuke Murase, Yasuhiro Ogawa, Hajime Imai, Naoaki Kano, Keita Mamiya, Tomoyo Ikeda, Kei Okabe, Kenji Arai, Shinji Yamazoe, Jun Torii, Katsuhiko Kawaguchi

*Komaki City Hospital*

### P35 Catheter-Guided Septal Ventricular Pacing and Conventional Apical Pacing: Time Domain Echocardiographic Comparison

Masafumi Sugawara<sup>1</sup>, Tomonori Kanaeda<sup>2</sup>, Toshinori Chiba<sup>1</sup>, Mari Kitagawa<sup>1</sup>, Haruhiro Takahira<sup>1</sup>, Ryo Ito<sup>1</sup>, Miyo Nakano<sup>1</sup>, Shinichi Wakabayashi<sup>2</sup>, Takatsugu Kajiyama<sup>1</sup>, Masahiro Nakano<sup>1</sup>, Yusuke Kondo<sup>1</sup>, Marehiko Ueda<sup>2</sup>, Koichi Sano<sup>2</sup>, Yoshio Kobayashi<sup>1</sup>

<sup>1</sup>Chiba University Graduate School of Medicine, <sup>2</sup>Eastern Chiba Medical Center

## Device CRT

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**P36 The Mechanism and Prognosis of Acute and Late Improvement in Mitral Regurgitation after Cardiac Resynchronization Therapy**

Hiroya Okamoto, Yasuya Inden, Toshifumi Nakagomi, Koichi Furui, Shuro Riku, Kazumasa Suga, Keita Mamiya, Aya Fujii, Satoshi Yanagisawa, Rei Shibata, Toyooki Murohara  
*Nagoya University Graduate School of Medicine*

**P37 Clinical Outcomes of the Attain Stability Quad Left Ventricular Lead for Cardiac Resynchronization Therapy**

Tomonori Katsuki, Michio Nagashima, Masato Fukunaga, Kenichi Hiroshima, Kenji Ando  
*Kokura Memorial Hospital*

**P38 The Underestimation of Cardiac Resynchronization Therapy for Heart Failure with Reduced Ejection Fraction Patients**

Makoto Takano, Kei Mizukoshi, Hisao Matsuda  
*St. Marianna University Yokohama City Seibu Hospital*

## Device Diagnosis

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**P39 The Assessment of Electrocardiographic Transmural Dispersion of Repolarization in Patients with Cancer Therapeutics-Related Cardiac Dysfunction**

Toshio Kinoshita<sup>1</sup>, Hitomi Yuzawa<sup>1</sup>, Ryo Wada<sup>1</sup>, Shintaro Yao<sup>1</sup>, Kensuke Yano<sup>1</sup>, Katsuya Akitsu<sup>1</sup>, Hideki Koike<sup>1</sup>, Masaya Shinohara<sup>1</sup>, Takeya Suzuki<sup>1</sup>, Atsuko Abe<sup>1</sup>, Tadashi Fujino<sup>2</sup>, Kazuhiko Natori<sup>3</sup>, Takanori Ikeda<sup>2</sup>  
<sup>1</sup>Toho University Faculty of Medicine, <sup>2</sup>Toho University Graduate School of Medicine, <sup>3</sup>Toho University Omori Medical Center

**P40 Septal Flash in Patients with Left Bundle Branch Block Assessed by 2-D Speckle Tracking Imaging**

Aya Fujii, Yasuya Inden, Toshifumi Nakagomi, Koichi Furui, Shuro Riku, Kazumasa Suga, Keita Mamiya, Hiroya Okamoto, Toshiro Tomomatsu, Satoshi Yanagisawa, Rei Shibata, Toyooki Murohara  
*Nagoya University Graduate School of Medicine*

**P41 Feasibility and Short-Term Outcomes of Left Bundle Branch Area Pacing in Patients with Unsuccessful His-Bundle Pacing**

Ayaka Keshi, Taku Nishida, Junichi Sugiura, Koshiro Kanaoka, Hiroki Yano, Kenji Onoue, Tsunenari Soeda, Makoto Watanabe, Rika Kawakami, Yoshihiko Saito  
*Nara Medical University*

**P42 Why Do We Use the Standard Electrocardiographic Criteria for the Medical Examination in College Athletes?**

Takenori Yao  
*Osaka University of Economics*

**P43 The Practical Utility of Postal Delivery of Wearable Long-Term ECG Monitoring Devices for Outpatient Care**

Mitsuru Takami, Koji Fukuzawa, Kunihiko Kiuchi, Makoto Takemoto, Toshihiro Nakamura, Jun Sakai, Atsutosuke Yatomi, Kazutaka Nakasone, Yusuke Sonoda, Kyoko Yamamoto, Hiroyuki Takahara, Yuya Suzuki, Kenichi Tani, Ken-ichi Hirata  
*Kobe University Hospital*

## Ablation SVT/AT/AFL

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- P44**      **The Characteristics and the Recurrence Rate of Atrial Tachycardia After Open Heart Surgery**  
Hiroshi Fukunaga, Junichi Nitta, Sou Asano, Takahiko Nagase, Kohei Tanizaki, Jun Umemura, Mitsuaki Isobe  
*Sakakibara Heart Institute*
- P45**      演題は取り下げられました。
- P46**      **Atrial Tachycardias Associated with Atrial Fibrillation: the Efficacy of High-Density Mapping**  
Sou Takenaka, Akihiko Ueno, Yumi Tanaka, Daisuke Iida, Masahiro Yamauchi, Tomonobu Okuno, Masayoshi Sakakibara  
*IMS Katsushika Heart Center*
- P47**      **Cryoablation for Atypical Atrioventricular Nodal Reentrant Tachycardia**  
Masahiro Nakano<sup>1</sup>, Yusuke Kondo<sup>2</sup>, Takatsugu Kajiyama<sup>1</sup>, Miyo Nakano<sup>2</sup>, Ryo Ito<sup>2</sup>, Haruhiro Takahira<sup>2</sup>, Mari Kitagawa<sup>2</sup>, Masafumi Sugawara<sup>2</sup>, Toshinori Chiba<sup>2</sup>, Yoshio Kobayashi<sup>2</sup>  
<sup>1</sup>Chiba University Graduate School of Medicine, <sup>2</sup>Chiba University Graduate School of Medicine

## Ablation VPC

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- P48**      **Radiofrequency Catheter Ablation of Premature Ventricular Contractions from the Mitral Annulus**  
Yoshibumi Antoku, Masao Takemoto  
*Steel Memorial Yawata Hospital*
- P49**      **The Impact of General Anesthesia on the Frequency of Premature Ventricular Contraction During Catheter Ablation**  
Kenta Takahashi, Taishi Kuwahara, Tosiho Makita, Takuya Oshio, Kenta Kadono, Yoshimi Oyagi, Ibuki Ago, Ryo Takahashi  
*Tokyo Heart Rhythm Clinic*

## Ablation AF

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- P50**      **The Efficacy of the Early Meets Late Lower Threshold in CARTO 3 System for an AFL Recurrence Case After CTI Ablation**  
Tsukasa Naganuma<sup>1,2</sup>, Akira Hamabe<sup>1</sup>, Hitoshi Mori<sup>1</sup>, Akane Kawai<sup>1</sup>, Hirotsugu Tabata<sup>1</sup>, Toyokazu Kimura<sup>1</sup>, Takumi Osawa<sup>1,2</sup>, Shun Akai<sup>1,2</sup>  
<sup>1</sup>Self-Defense Force Central Hospital, <sup>2</sup>National Defense Medical Collage
- P51**      **Predictors of Non-Improvement of Left Ventricular Ejection Fraction Despite no Recurrence of Atrial Fibrillation After Catheter Ablation**  
Terumasa Koyama  
*Kawasaki Medical School*
- P52**      **Impact of Additional Linear Ablation for Early Persistent Atrial Fibrillation with Lower Ejection Fraction and Larger Left Atrial Dimension**  
Kazuto Kujira, Kazuki Mori, Yukiko Shimizu, Kazuyasu Yoshitani, Yukihiro Sato  
*Amagasaki General Medical Center*
- P53**      **A Case of Cryoablation Treatment for Atrial Tachycardia Near the HIS Bundle**  
Toshimitsu Suga, Hiroshi Nasu, Kenji Kageshima  
*Tottori Prefectural Central Hospital*

- P54 Persistence of Iatrogenic Atrial Septal Defect After Pulmonary Vein Isolation by Radiofrequency Ablation or Cryoballoon Ablation**  
 Daiki Tsujimoto, Yoshiaki Inoue, Kinya Shirota, Hiroshige Ishii, Nobuhiko Haruki, Takashi Shimizu, Yoichiro Iwasaki, Satoshi Kobara  
*Matsue Red Cross Hospital*
- P55 Predictive Factors of Echocardiographic Parameters for Postoperative Atrial Fibrillation After Lung Resection for Lung Cancer**  
 Eitaro Sugiyama<sup>1</sup>, Hitoki Inoue<sup>1</sup>, Asami Kikuchi<sup>1</sup>, Naoyuki Hasebe<sup>2</sup>  
<sup>1</sup>Hokkaido Cancer Center, <sup>2</sup>Asahikawa Medical University
- P56 Clinical Outcome of Catheter Ablation for Atrial Fibrillation Using Ablation Index and Examine Localization of Gap of Pulmonary Vein Isolation in Our Hospital**  
 Masanao Takeya, Akinori Matsumoto, Koyo Sato, Yasuhide Okawa  
*Nagoya Heart Center*
- P57 演題は取り下げられました。**
- P58 Variation of Electrical Conduction Patterns from Right Atrium to Left Atrium in Patients with Atrial Fibrillation**  
 Tatsuto Kawaguchi, Tadashi Wada, Takaaki Saito, Toshihiro Iida, Takashi Yamada, Mitsutaka Nakashima, Fuji Koide, Kenji Kawamoto, Machiko Tanakaya, Yusuke Katayama  
*Iwakuni Clinical Center*
- P59 Impact of Serum Eicosapentaenoic Acid to Arachidonic Acid Ratio on Atrial Fibrillation**  
 Momoka Nakajima<sup>1</sup>, Hitomi Yuzawa<sup>1</sup>, Masahiro Sekiguchi<sup>1</sup>, Taiki Ishizawa<sup>1</sup>, Hideaki Nonaka<sup>1</sup>, Naoto Setoguchi<sup>1</sup>, Masaaki Nakase<sup>1</sup>, Kousuke Nakamura<sup>1</sup>, Yusuke Watanabe<sup>1</sup>, Housei Kikushima<sup>1</sup>, Kai Ninomiya<sup>1</sup>, Yu Horiuchi<sup>1</sup>, Masahiko Asami<sup>1</sup>, Kazuyuki Yahagi<sup>1</sup>, Kouta Komiyama<sup>1</sup>, Jun Tanaka<sup>1</sup>, Jiro Aoki<sup>1</sup>, Kengo Tanabe<sup>1</sup>, Takanori Ikeda<sup>2</sup>  
<sup>1</sup>Mitsui Memorial Hospital, <sup>2</sup>Toho University Graduate School of Medicine

## **Ablation AF ablation-1**

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- P60 Catheter Ablation to Atrial Fibrillation for Over 80 Year-Old Patients**  
 Kunihiro Shimizu, Tatsuya Usui  
*Nagano Redcross Hospital*
- P61 Usefulness of a Novel Ablation Catheter Capable of Local Impedance Monitoring for Cavo-Tricuspid Isthmus Ablation**  
 Takehito Sasaki, Kohki Nakamura, Wataru Sasaki, Yoshinori Okazaki, Shingo Yoshimura, Shohei Kishi, Mitsuho Inoue, Hiroyuki Motoda, Katsura Nijijima, Kentaro Minami, Koji Goto, Yuko Miki, Yutaka Take, Kenichi Kaseno, Shigeto Naito  
*Gunma Prefectural Cardiovascular Center*
- P62 General Anesthesia Improved Rate of First-Pass Pulmonary Vein Isolation by Radiofrequency Ablation in Patients with Atrial Fibrillation**  
 Masatoshi Narikawa<sup>1</sup>, Masayoshi Kiyokuni<sup>1</sup>, Yuka Taguchi<sup>1</sup>, Junya Hosoda<sup>1</sup>, Hideto Yano<sup>2</sup>, Katsumi Matsumoto<sup>1</sup>, Teruyasu Sugano<sup>1</sup>, Tomoaki Ishigami<sup>1</sup>, Toshiyuki Ishikawa<sup>1</sup>, Koichi Tamura<sup>1</sup>, Kazuo Kimura<sup>1</sup>  
<sup>1</sup>Yokohama City University Hospital, <sup>2</sup>Gyotoku General Hospital
- P63 演題は取り下げられました。**

## Ablation AF ablation-2

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- P64**      **Assessment of Quality-of-Life Improvement in Symptomatic and Asymptomatic Patients with Persistent Atrial Fibrillation Undergoing Catheter Ablation: AFQLQ (Atrial Fibrillation Quality of Life Questionnaire) Study**  
Yoshihiro Nomura<sup>1</sup>, Masahide Harada<sup>2</sup>, Takehiro Ito<sup>2</sup>, Asuka Nishimura<sup>2</sup>, Yuji Motoike<sup>2</sup>, Masayuki Koshikawa<sup>2</sup>, Yukina Banno<sup>2</sup>, Eiichi Watanabe<sup>3</sup>, Yukio Ozaki<sup>1</sup>, Hideo Izawa<sup>2</sup>  
<sup>1</sup>Fujita Health University Okazaki Medical Center, <sup>2</sup>Fujita Health University, <sup>3</sup>Fujita Health University Bantane Hospital
- P65**      **Roof Line Required Much Higher Ablation Index for Box Isolation in Catheter Ablation of Atrial Fibrillation**  
Kaeko Hirai, Taku Nishida, Koshiro Kanaoka, Hiroki Yano, Tomoya Ueda, Kenji Onoue, Tsunenari Soeda, Satoshi Okayama, Makoto Watanabe, Rika Kawakami, Yoshihiko Saito  
Nara Medical University
- P66**      **Occurrence of Steam Pop During Radiofrequency Catheter Ablation Under Ablation Index Guidance**  
Atsushi Ikeda<sup>1</sup>, Katsuaki Yokoyama<sup>1</sup>, Youji Watanabe<sup>1</sup>, Tadashi Ashida<sup>1</sup>, Kagari Matsudaira<sup>1</sup>, Naoya Matsumoto<sup>1</sup>, Yasuo Okumura<sup>2</sup>  
<sup>1</sup>Nihon University Hospital, <sup>2</sup>Nihon University
- P67**      **Clinical Usefulness of Self-Expanding Multipolar Esophageal Temperature Sensor in Atrial Fibrillation Radiofrequency Catheter Ablation**  
Kazuki Mori, Kazuyasu Yoshitani, Yukiko Shimizu, Kazuto Kujira, Masao Imai, Rei Fukuhara, Ryoji Taniguchi, Masanao Toma, Hidetada Miyamoto, Yukihiro Sato  
Hyogo Prefectural Amagasaki General Medical Center

## Ablation AF ablation-3

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- P68**      **Catheter Ablation of Atrial Fibrillation Guided by a High-Density Grid Catheter**  
Atsushi Hiratsuka, Takatoshi Wakeyama, Takahiro Iwami, Masakazu Tanaka, Nozomu Harada, Junya Nawata, Tetsuya Matsuyama, Yusuke Nakashima, Hiroshi Ogawa  
Tokuyama Central Hospital
- P69**      **Efficacy and Clinical Significance of Additional Left Atrial Posterior Wall Isolation in Patients with Persistent Atrial Fibrillation**  
Tomomi Matsuura, Takeshi Soeki, Kazuhisa Matsumoto, Takeshi Tobiume, Masataka Sata  
Tokushima University Graduate School of Biomedical Sciences
- P70**      **Persistent Left Superior Vena Cava as a Trigger and Driver in Atrial Fibrillation**  
Junya Hosoda, Toshiyuki Ishikawa, Katsumi Matsumoto, Masayoshi Kiyokuni, Masatoshi Narikawa, Kouichi Tamura, Kazuo Kimura  
Yokohama City University Hospital
- P71**      **High Density Mapping by HD Grid is Recommended for Low Voltage Zone Ablation of Non-Paroxysmal Atrial Fibrillation**  
Hitomi Hori  
Toyota Kosei Hospital
- P72**      **High Ablation Index for Pulmonary Vein Isolation Does not Contribute to Better Outcome**  
Tsuyoshi Takada, Koji Fukuda, Keita Miki, Shohei Ikeda, Koichi Sato, Kentaro Aizawa, Morihiko Takeda, Nobuyuki Shiba  
International University of Health and Welfare Hospital



## Ablation Balloon ablation

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- P73 The Efficacy of Pulmonary Vein Isolation Using Cryoballoon Ablation for Persistent AF**  
So Asano, Junichi Nitta, Kei Mabuchi, Hiroshi Fukunaga, Takahiko Nagase, Kanki Inoue, Mamoru Nanasato, Kouhei Tanizaki, Nobuo Iguchi, Mitsuaki Isobe, Jun Umemura  
*Sakakibara Heart Institute*
- P74 The Safety and Efficacy of a Visually Guided Laser Balloon Ablation for Pulmonary Vein Isolation: Our Initial Stage Experience**  
Kento Yabe<sup>1</sup>, Yuichi Ono<sup>1</sup>, Shiho Kawamoto<sup>1</sup>, Akifumi Tanaka<sup>1</sup>, Ayaka Kimura<sup>1</sup>, Ken Tsuchiya<sup>1</sup>, Hidetsugu Nomoto<sup>1</sup>, Yuki Osaka<sup>1</sup>, Toru Miyazaki<sup>1</sup>, Asami Suzuki<sup>1</sup>, Ken Kurihara<sup>1</sup>, Kenichiro Otomo<sup>1</sup>, Tetsuo Sasano<sup>2</sup>  
<sup>1</sup>Ome Municipal General Hospital, <sup>2</sup>Tokyo Medical and Dental University
- P75 Quantification of the Isolated Area After Cryoballoon Ablation on the Left Atrialroof**  
Atsuhito Oda, Shinichi Tachibana, Takatoshi Shigeta, Rena Nakamura, Yasuteru Yamauchi  
*Minato Red Cross Hospital*
- P76 演題は取り下げられました。**
- P77 演題は取り下げられました。**
- P78 演題は取り下げられました。**
- P79 Clinical Outcomes of Reintervention and Rehospitalization After Cryoballoon or Contact Force-Guided Catheter Ablation in Patients with Paroxysmal Atrial Fibrillation**  
Hiroshi Tasaka, Ryuki Chatani, Atsushi Sakata, Yasushi Arakaki, Mitsuru Yoshino, Kazushige Kadota  
*Kurashiki Central Hospital*

## Ablation AF ablation-4

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- P80 RF application to the Non-Passive Activated Area on a Real-Time Phase Mapping Could Terminate AF in Persistent AF Ablation**  
Shuro Riku, Yasuya Inden, Toshifumi Nakagomi, Koichi Furui, Kazumasa Suga, Keita Mamiya, Hiroya Okamoto, Aya Fujii, Satoshi Yanagisawa, Rei Shibata, Toyoaki Murohara  
*Nagoya University Graduate School of Medicine*
- P81 Lesion Formation Analysis by Intracardiac Echocardiography During Laser Balloon Ablation in Predicting Dormant Conduction**  
Takayuki Iida, Norishige Morita, Tomihisa Nanao, Daisuke Fujibayashi, Akira Ueno, Yoshinori Kobayashi  
*Tokai University Hachioji Hospital*
- P82 The Association with the Level of Troponin I and Atrial Arrhythmia Recurrence After Catheter Ablation**  
Kei Okabe, Yasuhiro Ogawa, Hajime Imai, Motoharu Hayashi, Naoaki Kano, Yousuke Murase, Takashi Okajima, Kenji Arai, Nariko Tsukamoto, Shinji Yamazoe, Katsuhiko Kawaguchi  
*Komaki Shimin Hospital*
- P83 演題は取り下げられました。**

## Ablation AF ablation-5

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- P84**      **Fever After Catheter Ablation of Atrial Fibrillation: Its Prevalence, Determinants and Relationship with AF Recurrence**  
Naoyuki Kamiyama, Atsushi Mochizuki, Ryosuke Ito, Taro Tsuzuki, Takefumi Fujito, Daigo Nagahara, Tetsuji Miura  
*Sapporo Medical University*
- P85**      **Efficacy of the Superior Vena Cava Isolation in Atrial Fibrillation with Ablation Index-Guide Radiofrequency**  
Shozo Kaneko, Junjiro Koyama, Fumitaka Onishi, Shigeki Shichida, Kodai Negishi, Katsuhide Hayashi, Hideharu Okamatsu, Yasuaki Tanaka, Takuo Tsurugi, Ken Okumura  
*Saiseikai Kumamoto Hospital*
- P86**      **Lower B-Type Natriuretic Peptide Level Is associated with Atrial Fibrillation Recurrence After Catheter Ablation in Patients with Long-Standing Persistent Atrial Fibrillation**  
Hirotsuna Oseto, Seigo Yamashita, Hirotsugu Ikewaki, Hidenori Sato, Masaaki Yokoyama, Ryota Isogai, Kenichi Tokutake, Kenichi Yokoyama, Ryosuke Narui, Mika Kato, Shinichi Tanigawa, Michifumi Tokuda, Seiichiro Matsuo, Satoru Miyanaga, Kenichi Sugimoto, Teiichi Yamane  
*The Jikei University School of Medicine*
- P87**      **The Efficacy of OSA Screening Test with WatchPAT Before Ablation for Atrial Fibrillation**  
Koyo Sato, Masanao Takeya, Akinori Matsumoto, Yasuhide Okawa  
*Nagoya Heart Center*

## Ablation AF ablation-6

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- P88**      **Examination of Oral Anticoagulants and Activated Clotting Time (ACT) During Atrial Fibrillation Ablation**  
Takayuki Shimizu<sup>1</sup>, Keiji Nakamura<sup>2</sup>, Yoshinori Nagashima<sup>1</sup>, Naohiko Nemoto<sup>1</sup>, Hitoshi Anzai<sup>1</sup>, Masato Nakamura<sup>2</sup>  
*<sup>1</sup>Subaru Health Insurance Society Ota Memorial Hospital, <sup>2</sup>Toho University Ohashi Medical Center*
- P89**      **Effectiveness of Simplified Ablation Strategy in Patients with Non-Paroxysmal Atrial Fibrillation**  
Daisuke Kutsuzawa, Takanori Arimoto, Ken Watanabe, Naoaki Hashimoto, Daisuke Ishigaki, Tetsu Watanabe, Masafumi Watanabe  
*Yamagata University School of Medicine*
- P90**      演題は取り下げられました。
- P91**      **Analysis of the Primary Factor Which Predicts the Incidence of Esophageal Injury After Catheter Ablation of Atrial Fibrillation**  
Miwa Ito, Hisanori Kanazawa, Yusei Kawahara, Yusuke Kanemaru, Takuya Kiyama, Kenichi Tsujita  
*Kumamoto University Graduate School of Medical Science*
- P92**      **Long-Term Outcome Following Atrial Fibrillation Ablation for Patients Under 40 Years Old: Feasibility and Effect on Recurrence factors**  
Kohki Kimura, Yumiko Haraguchi, Wataru Sasaki, Shingo Yoshimura, Shohei Kishi, Yoshinori Okazaki, Kentaro Minami, Takehito Sasaki, Yutaka Take, Koji Goto, Yuko Miki, Kenichi Kaseno, Kohki Nakamura, Shigeto Naito  
*Gunma Cardiovascular Center*

## Ablation AF ablation-7

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- P93 Outcomes of Catheter Ablation in Patients with Long-Standing Persistent Atrial fibrillation**  
Kentaro Aizawa, Koji Fukuda, Tsuyoshi Takada, Keita Miki, Nobuyuki Shiba  
*International University of Health and Welfare Hospital*
- P94 Different Impact of a High-Sensitive Cardiac Troponin I Elevation After Catheter Ablation on the Left Atrial Volume According to the Atrial Fibrillation Type**  
Masamichi Yano, Yasuyuki Egami, Kohei Ukita, Akito Kawamura, Hitoshi Nakamura, Yutaka Matsuhiro, Koji Yasumoto, Masaki Tsuda, Naotaka Okamoto, Yasuharu Matsunaga, Ryu Shutta, Masami Nishino, Jun Tanouchi  
*Osaka Rosai Hospital*
- P95 Examination of Direct Oral Anticoagulants in Heparin Management During Ablation**  
Kazumasa Sonoda<sup>1</sup>, Keiko Kochi<sup>1</sup>, Kazumiki Nomoto<sup>1</sup>, Koichi Nagashima<sup>2</sup>, Yasuo Okumura<sup>2</sup>  
<sup>1</sup>Tokyo Rinkai Hospital, <sup>2</sup>Nihon University School of Medicine
- P96 Investigation of the Effectiveness of Deflectable Sheath in Radiofrequency Catheter Ablation**  
Akihiro Sunaga<sup>1</sup>, Shungo Hikoso<sup>1</sup>, Koichi Inoue<sup>2</sup>, Masaharu Masuda<sup>3</sup>, Yoshio Furukawa<sup>5</sup>, Akio Hirata<sup>6</sup>, Yasuyuki Egami<sup>4</sup>, Tetsuya Watanabe<sup>5</sup>, Miwa Miyoshi<sup>7</sup>, Takafumi Oka<sup>1</sup>, Hirota Kida<sup>1</sup>, Oeun Bolrathanak<sup>1</sup>, Taiki Sato<sup>1</sup>, Yohei Sotomi<sup>1</sup>, Tomoharu Dohi<sup>1</sup>, Katsuki Okada<sup>1</sup>, Shinichiro Suna<sup>1</sup>, Hiroya Mizuno<sup>1</sup>, Daisaku Nakatani<sup>1</sup>, Yasushi Sakata<sup>1</sup>  
<sup>1</sup>Osaka University Graduate School of Medicine, <sup>2</sup>Sakurabashi Watanabe Hospital, <sup>3</sup>Kansai Rosai Hospital, <sup>4</sup>Osaka Rosai Hospital, <sup>5</sup>Osaka General Medical Center, <sup>6</sup>Osaka Police Hospital, <sup>7</sup>Osaka Hospital

## メディカルプロフェッショナル

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- MP-P1 当院における植込み型心臓デバイス装着患者に対するMRI撮像の現状**  
秋山 泰利<sup>1</sup>, 戸叶 隆司<sup>2</sup>, 大山 夏菜<sup>1</sup>, 中川原 詩織<sup>1</sup>, 島野 寛也<sup>1</sup>, 小田切 史徳<sup>2</sup>, 中里 祐二<sup>2</sup>  
<sup>1</sup>順天堂大学医学部附属浦安病院臨床工学室, <sup>2</sup>順天堂大学医学部附属浦安病院循環器内科
- MP-P2 His束ペーシングリード留置でクロストーク現象が発生した1症例**  
根津 将夫<sup>1</sup>, 小田 昌典<sup>1</sup>, 八十田 静香<sup>1</sup>, 志貴 祐一郎<sup>2</sup>, 上西 正洋<sup>2</sup>  
<sup>1</sup>イムス富士見総合病院臨床工学科, <sup>2</sup>イムス富士見総合病院循環器内科
- MP-P3 当院における心肺運動負荷試験結果を踏まえたSICD植込み患者の設定変更の現状**  
高野 梨絵<sup>1</sup>, 井上 完起<sup>2</sup>, 岡崎 真紀子<sup>1</sup>, 山田 春海<sup>1</sup>, 林 常夫<sup>1</sup>, 佐藤 耕一<sup>1</sup>, 間淵 圭<sup>2</sup>, 長瀬 宇彦<sup>2</sup>, 新田 順一<sup>2</sup>, 磯部 光章<sup>2</sup>  
<sup>1</sup>榊原記念病院臨床工学科, <sup>2</sup>榊原記念病院循環器内科
- MP-P4 演題は取り下げられました。**
- MP-P5 当院におけるHis束ペーシング・左脚領域ペーシング時の業務と現状**  
佐藤 友理<sup>1</sup>, 笹岡 俊介<sup>1</sup>, 宮本 泰介<sup>1</sup>, 錦織 将<sup>1</sup>, 川崎 誠<sup>1</sup>, 名内 雅弘<sup>2</sup>, 佐原 尚彦<sup>2</sup>, 杉崎 雄太<sup>2</sup>, 酒井 毅<sup>2</sup>  
<sup>1</sup>済生会横浜市東部病院臨床工学部, <sup>2</sup>済生会横浜市東部病院不整脈科
- MP-P6 完全皮下植込み型除細動器(S-ICD)の遠隔モニタリングにより肺静脈隔離術に至った症例**  
境田 知子, 矢崎 義直, 高田 康之, 楠目 宝大, 高鳥 仁孝, 寶田 顕, 里見 和浩, 近森 大志郎  
東京医科大学病院不整脈センター

- MP-P7 Ablation Index(AI)を用いたAFアブレーションにおける肺静脈の部位別効果の検討**  
見山 淳<sup>1</sup>, 福田 浩二<sup>2</sup>  
<sup>1</sup>国際医療福祉大学病院臨床工学部, <sup>2</sup>国際医療福祉大学病院循環器内科
- MP-P8 食道温熱障害の指標となりうる擬似面積についての検討**  
山口 康太<sup>1</sup>, 湯澤 ひとみ<sup>2</sup>, 中村 友美<sup>1</sup>, 押方 翼<sup>1</sup>, 安里 奈美樹<sup>1</sup>, 洞内 響<sup>1</sup>, 石沢 太基<sup>2</sup>, 中島 百香<sup>2</sup>, 菊島 朋生<sup>2</sup>, 田邊 健吾<sup>2</sup>, 池田 隆徳<sup>3</sup>  
<sup>1</sup>三井記念病院MEサービス部, <sup>2</sup>三井記念病院循環器内科, <sup>3</sup>東邦大学大学院医学研究科
- MP-P9 Charに対するイリゲーションカテーテル効果の検討**  
洞内 響<sup>1</sup>, 湯澤 ひとみ<sup>2</sup>, 中村 友美<sup>1</sup>, 山口 康太<sup>1</sup>, 安里 奈美樹<sup>1</sup>, 押方 翼<sup>1</sup>, 高橋 智宏<sup>1</sup>, 石井 和行<sup>1</sup>, 田邊 健吾<sup>2</sup>, 池田 隆徳<sup>3</sup>  
<sup>1</sup>三井記念病院MEサービス部, <sup>2</sup>三井記念病院循環器内科, <sup>3</sup>東邦大学大学院医学研究科
- MP-P10 心房細動アブレーション後の安静解除における穿刺部の出血要因に関する検討**  
小野 凌生<sup>1</sup>, 佐々木 毅<sup>2</sup>, 石丸 綾<sup>1</sup>, 清水 麻衣<sup>1</sup>, 小熊 慎也<sup>1</sup>, 長澤 領<sup>2</sup>, 秋元 耕<sup>2</sup>, 早坂 和人<sup>2</sup>, 戸倉 稚司<sup>2</sup>, 鈴木 雅仁<sup>2</sup>, 杉山 浩二<sup>2</sup>, 三栖 麻理子<sup>1</sup>, 清水 茂雄<sup>2</sup>  
<sup>1</sup>災害医療センター看護部, <sup>2</sup>災害医療センターハートリズムセンター
- MP-P11 心房細動アブレーション放射線被ばくに対する透視削減プロトコル改良への取り組み**  
中村 悟士<sup>1</sup>, 小堀 敦志<sup>2</sup>, 佐々木 康博<sup>2</sup>, 朴 美仙<sup>2</sup>, 田中 雄己<sup>1</sup>, 杉澤 朋弥<sup>1</sup>, 山城 悠葵<sup>1</sup>, 中農 陽介<sup>1</sup>, 中村 聡<sup>1</sup>, 高岡 循子<sup>1</sup>, 橋本 早央里<sup>1</sup>, 坂地 一朗<sup>1</sup>, 古川 裕<sup>2</sup>  
<sup>1</sup>神戸市立医療センター中央市民病院臨床工学技術部, <sup>2</sup>神戸市立医療センター中央市民病院循環器内科
- MP-P12 BISモニターを使用した心房細動アブレーション術後の覚醒時間に対する検討**  
坂之上 春菜<sup>1</sup>, 岡本 沙矢香<sup>1</sup>, 岡野 久美<sup>1</sup>, 藤田 有加<sup>1</sup>, 東矢 俊一<sup>2</sup>, 山地 博介<sup>2</sup>, 村上 充<sup>3</sup>  
<sup>1</sup>岡山ハートクリニック看護部, <sup>2</sup>岡山ハートクリニックハートリズムセンター, <sup>3</sup>岡山ハートクリニック循環器内科
- MP-P13 当院における臨床工学技士のアブレーション業務の教育体制**  
押方 翼<sup>1</sup>, 洞内 響<sup>1</sup>, 安里 奈美樹<sup>1</sup>, 山口 康太<sup>1</sup>, 中村 友美<sup>1</sup>, 高橋 智宏<sup>1</sup>, 石井 和行<sup>1</sup>, 湯澤 ひとみ<sup>2</sup>, 田邊 健吾<sup>2</sup>, 池田 隆徳<sup>3</sup>  
<sup>1</sup>三井記念病院MEサービス部, <sup>2</sup>三井記念病院循環器内科, <sup>3</sup>東邦大学大学院医学研究科
- MP-P14 カテーテルアブレーション件数と臨床工学技士による清潔介助の関係**  
小谷 友喜<sup>1</sup>, 前根 健司<sup>1</sup>, 濱田 佳苗<sup>1</sup>, 橋本 早央里<sup>1</sup>, 南城 香菜美<sup>1</sup>, 藤原 一樹<sup>1</sup>, 安部 貴大<sup>1</sup>, 太田 裕<sup>1</sup>, 菅 敏光<sup>2</sup>  
<sup>1</sup>鳥取県立中央病院臨床工学室, <sup>2</sup>鳥取県立中央病院心臓内科
- MP-P15 機械学習を用いた心不全スコア予測モデルの検討**  
渡邊 研人<sup>1</sup>, 鈴木 篤<sup>2</sup>, 薄井 宙男<sup>2</sup>, 高澤 賢次<sup>3</sup>  
<sup>1</sup>東京山手メディカルセンター臨床工学部, <sup>2</sup>東京山手メディカルセンター循環器内科, <sup>3</sup>東京山手メディカルセンター心臓血管外科
- MP-P16 オンライン会議ツールを用いたカテーテルアブレーション治療**  
山崎 凌<sup>1</sup>, 峰 隆直<sup>2</sup>, 飛田 祥伸<sup>1</sup>, 山崎 裕司<sup>1</sup>, 岩井 瑠美<sup>1</sup>, 北谷 祐季<sup>1</sup>, 福原 英二<sup>2</sup>, 北垣 諒<sup>2</sup>  
<sup>1</sup>兵庫医科大学病院臨床工学部, <sup>2</sup>兵庫医科大学病院循環器・腎透析内科
- MP-P17 パッチ型長時間心電図レコーダが24時間ホルター心電図で捉えられなかった発作性心房細動の検出に有用であった2例**  
細屋 由紀子<sup>1</sup>, 米山 喜平<sup>2</sup>, 宮崎 秀和<sup>2</sup>, 山田 麻里可<sup>2</sup>, 佐久美 哲也<sup>1</sup>, 秋山 志帆<sup>1</sup>, 玉置 麻衣子<sup>1</sup>, 渡部 美佳<sup>2</sup>, 山崎 哲<sup>1</sup>, 信岡 祐彦<sup>3</sup>, 原田 智雄<sup>2</sup>, 明石 嘉浩<sup>2</sup>  
<sup>1</sup>聖マリアンナ医科大学病院臨床検査部, <sup>2</sup>聖マリアンナ医科大学循環器内科, <sup>3</sup>聖マリアンナ医科大学臨床検査医学

**MP-P18 無透視下での食道温カテーテル留置について**

杉山 夏哉

イムス葛飾ハートセンター臨床工学科

**MP-P19 Fractionation Map設定変更における、取得ポイントの比較検討**

林 千城<sup>1</sup>, 原田 竜也<sup>1</sup>, 高野 寛之<sup>1</sup>, 幕田 奈央<sup>1</sup>, 大和田 三起<sup>1</sup>, 比嘉 諒太<sup>1</sup>, 山田 春海<sup>1</sup>, 林 常夫<sup>1</sup>, 浅野 奏<sup>2</sup>, 福永 寛<sup>2</sup>, 間淵 圭<sup>2</sup>, 長瀬 宇彦<sup>2</sup>, 井上 完起<sup>2</sup>, 谷崎 剛平<sup>2</sup>, 新田 順一<sup>2</sup>, 梅村 純<sup>2</sup>, 磯部 光章<sup>2</sup>

<sup>1</sup>榊原記念病院臨床工学科, <sup>2</sup>榊原記念病院循環器内科

**MP-P20 演題は取り下げられました。**

**MP-P21 肺静脈隔離術後の肺静脈再伝導による心房細動に対してHD-Gridを使用したFractionation Mapが有用だった1例**

比嘉 諒太<sup>1</sup>, 林 千城<sup>1</sup>, 原田 竜也<sup>1</sup>, 高野 寛之<sup>1</sup>, 幕田 奈央<sup>1</sup>, 大和田 三起<sup>1</sup>, 山田 春海<sup>1</sup>, 林 常夫<sup>1</sup>, 浅野 奏<sup>2</sup>, 福永 寛<sup>2</sup>, 間淵 圭<sup>2</sup>, 長瀬 宇彦<sup>2</sup>, 井上 完起<sup>2</sup>, 谷崎 剛平<sup>2</sup>, 新田 順一<sup>2</sup>, 梅村 純<sup>2</sup>, 磯部 光章<sup>2</sup>

<sup>1</sup>榊原記念病院臨床工学科, <sup>2</sup>榊原記念病院循環器内科

**MP-P22 Carto Sound LA Merge中に非左心耳内の血栓を認めた1例**

松永 尚也, 大野 善史, 玉木 和子, 村瀬 陽介, 岡島 嵩, 岡部 慧, 今井 元

小牧市民病院

**MP-P23 CARTO3 LAT Histogram機能を用いた心房性リエントリ頻拍における有効焼灼領域の推測**

大塩 拓也<sup>1</sup>, 吾郷 偉吹<sup>1</sup>, 大谷木 賀美<sup>2</sup>, 角野 健太<sup>1</sup>, 高橋 健太<sup>3</sup>, 榎田 俊生<sup>3</sup>, 桑原 大志<sup>3</sup>

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**MP-P24 電極カテーテルの種類により得られる電位が明瞭に異なった心室性不整脈の2例**

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**MP-P25 カテーテルアブレーションに対するCARTO® UNIVUシステム使用時の被ばく低減の試み**

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川崎幸病院

**MP-P26 右心房内リエントリーを疑われたが, Entrainment PacingによりPerimitral ATであることを証明し治療し得た術後心房頻拍の1例**

塩野 敦<sup>1</sup>, 江神 康之<sup>2</sup>, 矢岡 真一<sup>1</sup>, 櫻田 智大<sup>1</sup>, 森奥 知由<sup>1</sup>, 山本 敬二<sup>1</sup>, 安元 浩司<sup>2</sup>, 松永 泰治<sup>2</sup>, 矢野 正道<sup>2</sup>, 西野 雅巳<sup>2</sup>, 田内 潤<sup>2</sup>

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**MP-P27 クライオバルーンによる左房後壁底部ブロックライン完成に影響を及ぼすパラメータの検討**

柴田 信哉<sup>1</sup>, 高橋 和也<sup>1</sup>, 平野 志帆<sup>1</sup>, 江崎 到<sup>1</sup>, 小野 果<sup>1</sup>, 木村 勇斗<sup>1</sup>, 土屋 勇樹<sup>1</sup>, 石川 智久<sup>1</sup>, 渡辺 竜徳<sup>1</sup>, 金 学粹<sup>1</sup>, 青柳 秀史<sup>2</sup>, 中村 浩章<sup>2</sup>, 横山 泰廣<sup>2</sup>, 小宮山 伸之<sup>2</sup>

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**MP-P28 造影剤を使用しないクライオアブレーションの検討**

清水 和之  
虎の門病院臨床工学部

**MP-P29 2Fr8極電極カテーテルを使用し、AIV起源の心室期外収縮が根治し得た1症例**

日高 芳蔵<sup>1</sup>, 前田 真吾<sup>2</sup>, 土井 房恵<sup>1</sup>, 縮 友和<sup>1</sup>, 津田 泰任<sup>2</sup>, 川端 美穂子<sup>2</sup>, 新 博次<sup>3</sup>, 平尾 見三<sup>2</sup>  
<sup>1</sup>AIO国際病院ME科, <sup>2</sup>AOI国際病院不整脈先端治療センター, <sup>3</sup>南八王子病院循環器内科

**MP-P30 左房前壁より散発する上室性期外収縮のMappingが可能であった一例**

辻川 圭亮<sup>1</sup>, 金子 鎮二<sup>2</sup>, 藤田 雅也<sup>2</sup>  
<sup>1</sup>豊田厚生病院臨床工学科, <sup>2</sup>豊田厚生病院循環器内科

**MP-P31 演題は取り下げられました。**

**MP-P32 内臓逆位症の発作性上室性頻拍に対するカテーテルアブレーションを行った1例**

森末 明彦<sup>1</sup>, 前田 賢吾<sup>1</sup>, 持倉 翔平<sup>1</sup>, 中本 征則<sup>1</sup>, 近藤 健人<sup>2</sup>  
<sup>1</sup>広島心臓血管クリニック診療技術部, <sup>2</sup>広島心臓血管クリニック循環器内科

**MP-P33 左房後壁隔離術(Box Isolation)にEscape Mappingが有用であった症例**

山田 剛士<sup>1</sup>, 土屋 剛史<sup>1</sup>, 清野 龍太郎<sup>1</sup>, 岡本 弥織<sup>1</sup>, 小山 恭平<sup>1</sup>, 高橋 皓洋<sup>1</sup>, 長澤 洋一<sup>1</sup>,  
齋藤 直樹<sup>2</sup>, 和田 真弥<sup>2</sup>, 川上 徹<sup>2</sup>  
<sup>1</sup>川崎幸病院CE科, <sup>2</sup>川崎幸病院循環器内科

**MP-P34 心房・心室同時被膜損傷と判断したVegaペーシングリードの2例**

服部 季実子<sup>1</sup>, 山田 里恵<sup>1</sup>, 清末 智<sup>1</sup>, 瓦谷 義隆<sup>1</sup>, 山下 健太郎<sup>2</sup>, 森 和孝<sup>2</sup>  
<sup>1</sup>名古屋医療センター臨床工学室, <sup>2</sup>名古屋医療センター循環器内科

**MP-P35 宇宙線・放射線によりバックアップVVIになったと考えられる1例**

野口 陽平, 江崎 翔太, 清水 登紀子, 小松 大地, 井上 博人, 吉田 尚哉, 井上 征洋, 河合 俊輔,  
戸伏 倫之, 松浦 広英, 向井 靖  
福岡赤十字病院

**MP-P36 心サルコイドーシスに合併した心室頻拍に対して経皮的心肺補助装置を用いてアブレーションが奏効した1例**

濱崎 誠之<sup>1</sup>, 権守 信哉<sup>1</sup>, 香取 優美<sup>1</sup>, 倉田 孟<sup>1</sup>, 吉田 あすか<sup>1</sup>, 新里 樹<sup>1</sup>, 大久保 健史<sup>2</sup>  
<sup>1</sup>横須賀共済病院臨床工学科, <sup>2</sup>横須賀共済病院循環器内科

**MP-P37 開心術後徐脈性不整脈に対するデバイス植込み経静脈ペースメーカーとリードレスペースメーカーの比較**

浅見 陽介<sup>1</sup>, 林 英守<sup>2</sup>, 大澤 翔太<sup>1</sup>, 江口 未紗紀<sup>1</sup>, 岩間 華織<sup>1</sup>, 高島 滉平<sup>1</sup>, 薄葉 政人<sup>1</sup>,  
田淵 晴名<sup>2</sup>, 木村 友紀<sup>2</sup>, 関田 学<sup>2</sup>, 南野 徹<sup>2</sup>  
<sup>1</sup>順天堂大学医学部附属順天堂医院臨床工学室, <sup>2</sup>順天堂大学医学部循環器内科

**MP-P38 心臓植込み型デバイスと在宅人工呼吸器における遠隔モニタリングデータの併用は慢性心不全症例の急性増悪の予測に有用か**

大澤 翔太<sup>1</sup>, 林 英守<sup>2</sup>, 岩間 華織<sup>1</sup>, 鈴木 まどか<sup>2</sup>, 高島 滉平<sup>1</sup>, 浅見 陽介<sup>1</sup>, 江口 未紗紀<sup>1</sup>,  
薄葉 政人<sup>1</sup>, 木村 友紀<sup>2</sup>, 田淵 晴名<sup>2</sup>, 関田 学<sup>2</sup>, 南野 徹<sup>2</sup>  
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