**ABSTRACTS ACCEPTED FOR CHAIRED POSTER PRESENTATION (304)**

**ROOM**

**CHAIRED POSTER SESSION A (11 posters)**

***Sunday, April 5, 2020***

***Posters displayed from 8:30 AM to 12:00 PM***

***Presenters and chairpersons present from 9:00 AM to 10:30 AM***

**Ventricular arrhythmias**

**6.01 Abstract 17-14
MECHANICAL SUPPRESSION/ELIMINATION OF PREMATURE VENTRICULAR COMPLEXES**
Mamta Barmeda 1, Marcelle Stucky 2, Subodh Devabahktuni 2, Philip Mar 2, Rahul Jain 2
*1 Indiana University Health , Indianapolis , United States, 2 Indiana University School of Medicine, Indianapolis , United States*

**6.02 Abstract 05-11
UTILITY OF NOVEL OMNIPOLAR ACTIVATION MAPPING FOR THE DETECTION OF VENTRICULAR PREMATURE CONTRACTION ORIGIN**
Shingo Maeda 1, Mihoko Kawabata 1, Yasuhide Tsuda 1, Hirotsugu Atarashi 2, Kenzo Hirao 1
*1 Arrhythmia Advanced Therapy Center, AOI Universal Hospital, Kawasaki, Japan, 2 Minami Hachioji Hospital, Tokyo, Japan*

**6.03 Abstract 14-10/23**

**IS ORAL MEXILETINE STILL A VALID THERAPEUTIC OPTION FOR VENTRICULAR TACHYARRHYTHMIAS IN THE ERA OF IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR ? A SYSTEMATIC REVIEW OF THE LITERATURE**
**Ernesto Cristiano** 1, Ernesto Cristiano 1, Hussam Ali 1, Pierpaolo Lupo 1, Sara Foresti 1, Guido De Ambroggi 1, Carmine De Lucia 1, Dario Turturiello 1, Edoardo Maria Paganini 1, Riccardo Bessi 1, Ahmad Abdelrady Abdelsalam Farghaly 1, Leoluca Nicoli 1, Riccardo Cappato 1
1 *Irccs Multimedica , Sesto San Giovanni Milano, Italy*

**6.04 Abstract 17-13/23**

**OUTCOMES OF FUNCTIONAL SUBSTRATE MAPPING OF VENTRICULAR TACHYCARDIA (FUNC-VT) - AN INTERNATIONAL PROSPECTIVE REGISTRY**
**Fatima Bangash** 1, Konstantinos Vlachos 2, Pasquale Santangeli 3, Chen Zhong 4, Jason Collinson 1, David Farwell 1, Justo Calvo 5, Jason Dangu 1, John Silberbauer 5, Ross Hunter 6, Nikolaos Papageorgiou 6, Neil Srinivasan 1
1 *Essex Cardiothoracic Centre, Basildon University Hospital, London, United Kingdom, 2 Onassis Cardiac Surgery Center, Athens, Greece, 3 Hospital of the University of Pennsylvania, Philadelphia, United States, 4 Harefield Hospital, London, United Kingdom, 5 Sussex Cardiac Centre, Brighton, United Kingdom, 6 Barts Heart Centre, London, United Kingdom*

**6.05 Abstract 17-13/23**
**ASSESSMENT OF OPTIMAL VOLTAGE THRESHOLDS FOR VENTRICULAR SCAR SUBSTRATE CHARACTERIZATION**
**Fatima Bangash** 1, Jason Collinson 1, Ajay Sharma 1, Rajdip Dulai 2, Jason Dangu 1, Mark Westwood 3, Charlotte Manisty 3, David Farwell 1, Swam Gedela 1, John Silberbauer 4, Justo Calvo 4, Konstantinos Vlachos 5, Ross Hunter 3, Nikolaos Papageorgiou 3, Neil Srinivasan 1
1 *Essex Cardiothoracic Centre, Basildon University Hospital, London, United Kingdom, 2 Eastbourne District General Hospital, Ilford, United Kingdom, 3 Barts Heart Centre, London, United Kingdom, 4 Sussex Cardiac Centre, Brighton, United Kingdom, 5 Onassis Cardiac Surgery Center, Athens, Greece*

**6.06 Abstract 18-14
RIPPLE MAPPING GUIDED ABLATION OF CONDUCTION CHANNEL ENTRANCES WITH LOSS OF LATEST POTENTIALS AS AN ENDPOINT FOR SUBSTRATE MODIFICATION FOR ISCHAEMIC VENTRICULAR TACHYCARDIA**
George Katritsis 1, Vishal Luther 1, Michael Koa-Wing 1, Phang-Boon Lim 1, Nicholas Linton 1, Prapa Kanagaratnam 1
*1 Imperial College, London, United Kingdom*

**6.07 Abstract 17-11
CAN SOTALOL IMPACT THE EFFECTIVENESS OF ANTITACHYCARDIA PACING IN PATIENTS WITH VENTRICULAR ARRHYTHMIAS?**
Dalia Giedrimiene 1, Joshua W Harrison 2, Lane Duvall 2, Jeffrey Kluger 2
*1 Hartford Hospital/University of Saint Joseph, Hartford, United States, 2 Hartford Hospital, Hartford, United States*

**6.08 Abstract 18-12/23**

**DIPOLE CHARGE DENSITY MAPPING DEMONSTRATES SUPERIORITY IN CATHETER ABLATION OF POST-SURGICAL ATRIAL TACHYCARDIAS**
**Rita Gagyi** 1, Nawin Misier 1, Sing-Chien Yap 1, Sip Wijchers 1, Mark Hoogendijk 1, Rohit Bhagwandien 1, Ahmed Hussain 1, Rohit Kharbanda 1, Tamas Szili-Torok 1
1 *Erasmus Medical Centre, Rotterdam, Netherlands*

**Arrhythmias triggers**

**6.09 Abstract 01-14
TASER GUNS AND RISK OF SUDDEN CARDIAC DEATH: RECOMMENDATIONS FOR A SAFER USE**
Maurizio Santomauro 1, Carla Riganti 2, Luca Santini 3, Alessandro Capucci 4, Ali Oto 5, Antonio Raviele 6, Riccardo Cappato 7, Samuel Lévy
*1 Department of Cardiovascular Emergency, Internal medicine, Geriatric, Azienda Universitaria Federico II Napoli, NAPOLI (NA), Italy, 2 Health Board Direction, Azienda Ospedaliera Universitaria, Naples , NAPOLI (NA), Italy, 3 Cardiology Division, G.B. Grassi Hospital, Ostia, Ostia (RM), Italy, 4 Department of Cardiology, UniversitÃ  politecnica delle Marche, Ancona, Italy, 5 Department of Cardiology,Memorial Ankara Hospital, Ankara, Turkey, 6 Alliance to Fight Atrial Fibrillation, Venice-Mestre, Italy, 7 Humanitas Ospedale, Milano, Italy, 8 Department of Cardiology, Aix-Marseille University, Marseille, France*

**6.10.** **Abstract 14-12
COUGH-INDUCED ATRIAL TACHYCARDIA ORIGINATING FROM RIGHT INFERIOR PULMONARY VEIN: A CASE REPORT**
Reina Tonegawa 1, Kenichiro Yamagata 2, Hiroyuki Kamada 2, Kensuke Suzuki 2, Yasuhiro Yokoyama 2, Taiki Sato 2, Akinori Wakamiya 2, Keiko Shimamoto 2, Nobuhiko Ueda 2, Kenzaburo Nakajima 2, Tsukasa Kamakura 2, Mitsuru Wada 2, Kohei Ishibashi 2, Yuko Inoue 2, Koji Miyamoto 2, Takashi Noda 2, Satoshi Nagase 2, Takeshi Aiba 2, Kengo Kusano 1
*1 Division of Arrhythmia and Electrophysiology, Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita, Japan; Department of Advanced Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto, Japan, 2 Division of arrhythmia and electrophysiology, Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Suita, Japan*

**ROOM**

**CHAIRED POSTER SESSION B (12 posters)**

***Sunday, April 5, 2020***

***Posters displayed from 2:00 PM to 5:00 PM***

***Presenters and chairpersons present from 2:00 PM to 3:30 PM***

**Stroke prevention in atrial fibrillation and Left atrial appendage (LAA) occlusion**

**6.11 Abstract 15-16
LEFT ATRIAL DIMENSIONS AND LEFT ATRIAL APPENDAGE MORPHOLOGY: DIFFERENCES IN PAROXYSMAL VERSUS PERSISTENT ATRIAL FIBRILLATION PATIENTS**
Janis Pongratz 1, Florian Straube 1, Uwe Dorwarth 1, Stefan Hartl 1, Alexander Kosmalla 1, Michael Wankerl 1, Ellen Hoffmann 1
*1 Heart Center Munich-Bogenhausen, Munich, Germany*

**Atrial Arrhythmias**

6.12 **Abstract 18-16 /23**
**RETROGRADE CATHETER ABLATION OF LEFT ATRIAL TACHYCARDIA ADJACENT TO A SEPTAL CLOSURE DEVICE:**
Riccardo Bessi1, Hussam Ali 1, Guido De Ambroggi 1, Igino Contrafatto 1, Ernesto Cristiano 1, Pierpaolo Lupo 1, Sara Foresti 1, Dario Turturiello 1, Edoardo Maria Paganini 1, Carmine De Lucia 1, Ahmad Abdelrady Abdelsalam Farghaly 1, Riccardo Cappato 1
1 *Irccs Multimedica , Sesto San Giovanni Milano, Italy*

**6.13 Abstract 18-11/23**

**COMPARISON OF OUR FIRST EXPERIENCE WITH THE THIRD AND THE SECOND GENERATION VISUALLY GUIDED LASER BALLOON ABLATION SYSTEM FOR PULMONARY VEIN ISOLATION IN PATIENTS WITH ATRIAL FIBRILLATION**
Christian Heeger 1, HuongLan Phan 1, Marcel Feher 1, Julia Vogler 1, Charlotte Eitel 1, Bettina Kirstein 1, Karl-Heinz Kuck 1, Roland Tilz 1
1 *UKSH Lubeck, Lubeck, Germany.*

**6.14 Abstract 15-11
USE OF A NOVEL SEPTAL OCCLUDER DEVICE FOR LEFT ATRIAL APPENDAGE CLOSURE IN PATIENTS WITH POST-SURGICAL AND POST-LARIAT LEAKS OR ANATOMIES UNSUITABLE FOR CONVENTIONAL PERCUTANEOUS OCCLUSION**
Domenico Giovanni Della Rocca 1, Rodney Horton 1, Nicola Tarantino 2, Luigi Di Biase 1, Sanghamitra Mohanty 1, Chintan Trivedi 1, Bryan Macdonald 1, Angel Quintero Mayedo 1, Jorge Romero 2, Joseph Gallinghouse 1, David Burkhardt 1, Mohamed Bassiouny 1, Amin Al-Ahmad 1, Andrea Natale 1
*1 Texas Cardiac Arrhythmia Institute, Austin, United States, 2 Montefiore Medical Center, Albert Einstein College of Medicine, New York, United States*

**6.15 Abstract 15-13
TRANSCATHETER LEAK OCCLUSION WITH ENDOVASCULAR COILS FOLLOWING LEFT ATRIAL APPENDAGE CLOSURE**
Domenico Giovanni Della Rocca 1, Rodney Horton 1, Luigi Di Biase 1, Mohamed Bassiouny 1, Nicola Tarantino 2, Sanghamitra Mohanty 1, Chintan Trivedi 1, Carola Gianni 1, J. David Burkhardt 1, G. Joseph Gallinghouse 1, Amin Al-Ahmad 1, Andrea Natale 1
*1 Texas Cardiac Arrhythmia Institute, Austin, United States, 2 Montefiore Medical Center, Albert Einstein College of Medicine, New York, United States*

**Techniques and tools**

**6.16 Abstract 05-10
REMOTE MONITORING OF HEART RATE USING A PERSONAL DEVICE CONNECTED WITH A SMARTPHONE IN PATIENTS AFTER CARDIAC SURGERY**
Vladimir Shvartz 1, Maria Sokolskaya 1, Olga Bockeria 1
*1 Bakulev National Medical Research Center for Cardiovascular Surgery, Moscow, Russia*

**6.17 Abstract 04-10
THE INTENSITY OF THE PHOTOPLETHYSMOGRAPHIC WAVEFORM VARIABILITY OSCILLATIONS AS THE EFFECTIVE MARKER OF THE AORTIC VALVE PATHOLOGY**
Vladimir Shvartz 1, Maria Sokolskaya 1, Anton Kiselev 2, Olga Bockeria 1
*1 Bakulev National Medical Research Center for Cardiovascular Surgery, Moscow, Russia, 2 Department of Dynamic Modeling and Biomedical Engineering, Saratov, Russia*

**6.18 Abstract 01-10
DIFFERENTIATION OF ATYPICAL ATRIOVENTRICULAR NODE RE-ENTRANT TACHYCARDIA FROM ORTHODROMIC RECIPROCATING TACHYCARDIA USING A SEPTAL ACCESSORY PATHWAY BY THE RESPONSE TO VENTRICULAR PACING**
Marouane Mahjoub 1, Sana Ouali 2, Manel Ben Halima 2, Nidhal Bouchahda 1, Mehdi Boussada 1, Mejdi Ben Messaoud 1, Majed Hassine 1, Fethi Betbout 1, Habib Gamra 1, Sami Mourali 2
*1 Cardiology department A : Fattouma Bourguiba University Hospital, Monastir, , Monastir, Tunisia, 2 2- Cardiology department University Hospital La Rabta Tunis, Tunis, Tunisia*

**6.19 Abstract**

**6.20 Abstract 07-10
RIGHT BUNDLE BRANCH BLOCK AND SIQIII-TYPE PATTERNS FOR RISK STRATIFICATION IN ACUTE PULMONARY EMBOLISM IN THE ELDERLY**
Marouane Mahjoub 1, Selma Messous 1, Mehdi Boussada 1, Nidhal Bouchahda 1, Mejdi Ben Messaoud 1, Majed Hassine 1, Fethi Betbout 1, Mourad Gahbiche 2, Habib Gamra 1
*1 Cardiology department A : Fattouma Bourguiba University Hospital, Monastir, , Monastir, Tunisia, 2 Anesthesiolgy Department Fattouma Bourguiba Hospital , Monastir, Tunisia*

**Atrial Fibrillation**

**6.21 Abstract**

**6.22 Abstract 15-19
PREDICTING POST-OPERATIVE ATRIAL FIBRILLATION WITH HIGH SENSITIVITY IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING USING COARSE DECISION TREES: APPLICATION OF MACHINE LEARNING USING THE SOCIETY OF THORACIC SURGEONS DATABASE AT A SINGLE INSTITUTION**
Wasiq Sheikh 1, Anshul Parulkar 1, Malik Bilal Ahmed 1, Esseim Sharma 1, Fabio Lima 1, Sachit Singal 1, Sanchita Singal Parulkar 1, Lauren Rousseau 1, Anthony Chu 1
*1 Rhode Island Hospital, Brown University, Providence, United States*

**6-23 Abstract 15-20
USING MULTIPLE LOGISTIC REGRESSION TO PREDICT NEW-ONSET POST-OPERATIVE ATRIAL FIBRILLATION IN PATIENTS RECEIVING CORONARY ARTERY BYPASS GRAFTING**
Anshul Parulkar 1, Wasiq Sheikh 1, Malik Bilal Ahmed 1, Esseim Sharma 1, Fabio Lima 1, Sachit Singal 1, Sanchita Singal Parulkar 1, Lauren Rousseau 1, Anthony Chu 1
*1 Rhode Island Hospital, Brown University, Providence, United States*