

BASIC ELECTROPHYSIOLOGY

«TRANSLATIONAL ELECTROPHYSIOLOGY:
BRIDGING THE CHASM BETWEEN BASIC AND
CLINICAL SCIENCE»

Program Chair: D. Zipes - Indianapolis, USA

CRT

Program Chair: S. Worley - USA

09:00-10:30

Room 2.1 / Hermes - Level 2 / Rhodes

SESSION 81 HEART FAILURE

Co-Chair:

Coronel R. - Amsterdam, NLD / **Fedorov V.** - St. Louis, USA

09:00 ■ Lessons from the Zebra Fish
Kleber A. - Bern, CHE 81/1

09:20 ■ Optogenetics in Cells and Whole Hearts
Bruegmann T. - Bonn, DEU 81/2

09:40 ■ Repair
Rosen M. - New York, USA 81/3

10:00 ■ Treatment
Moss A. - Rochester, USA 81/4

10:20 ■ General Discussion
■ Break / Visit of Exhibits

09:00-10:30

Room 2.3 / Athena - Level 2 / Rhodes

SESSION 82 INTERVENTIONAL DEVICE IMPLANTATION I

Co-Chair:

Friedman P. A. - Rochester, USA / **Worley S.** - Lancaster, USA

09:00 ■ The Basics of Interventional Device
Implantation
Steen T. - Oslo, NOR 82/1

09:15 ■ How to Cross a Subclavian Occlusion and
Perform Venoplasty for Venous Access
Worley S. - Lancaster, USA 82/2

09:30 ■ Retained Wire Lead Extraction followed by
Venoplasty for Venous Access
Bansal S. - Baltimore, USA 82/3

09:45 ■ A 9 Fr. Guide Support Based Delivery System
that Reduces Implant Time and Improves Success
Jackson K. - Durham, 82/4

10:00 ■ Reduce Phrenic With A Closely Spaced Bipole:
Two LV Leads in the Same Vein?
Biffi M. - Bologna, ITA 82/5

■ Break / Visit of Exhibits

DEVICES

09:00-10:30

Room 2.4 - Level 2 / Gallieni

SESSION 83

REVOLUTIONARY TECHNIQUES FOR IMPLANTABLE DEVICES

Co-Chair:

Gold M. - Charleston, USA / **Costi P.** - Montreal, CAN

09:00 ■ First-in-Man Experience with a Minimally Invasive Transcatheter Pacemaker
Steinwender C., H_nig S., Saleh K., Lambert T., Kammler J., Blessberger H., Grund M., Kypta A. - *Linz, AUT* **83/1**

09:15 ■ A Leadless Cardiac Pacemaker: Single Center 18 Month Follow-Up Results
Tjong F., De Groot J., Wilde A., Knops R. - *Amsterdam, NLD* **83/2**

09:30 ■ Miniaturized Reveal LINQ® Insertable Cardiac Monitoring System: First in Man Experience
Pÿrerfellner H., Prashanthan S., Norman H., Bergemann T., Pokushalov E., Pokushalov L. - *Linz, AUT* **83/3**

09:45 ■ Validation of a Marker of Atrial Contraction Recorded by an Hemodynamic Sensor
Broussous F., Kobeissi A., Dumont J., Renesto F., Mansourati J. - *Brest, FRA* **83/4**

10:00 ■ Complications Associated with the Totally Subcutaneous Implantable Defibrillator: Results from a Pooled Analysis of 882 Patients from the IDE Study and Effortless Registry
Knight B., Johansen J., Agarwal S., Hood M., Kremers M., Crozier I., Friehling T., Olde Nordkamp L., Knops R. - *Chicago, USA* **83/5**

10:15 ■ In Vitro Infrared Imaging for the Study of Cold Production in Fossa Nasalis for Localised Therapeutic Hypothermia for Brain Protection in Ohca and Stroke
Fontaine G. - *Saint-Mandé, FRA* **83/6**

■ Break / Visit of Exhibits

PEDIATRICS

Program Chair: E. Rosenthal - St Albans, GBR

09:00-10:30

Room 2.6 - Level 2 / Gallieni

SESSION 84

MODERN APPROACH TO DEVICE IMPLANTATION IN PEDIATRIC & CONGENITAL HEART DISEASE PATIENTS

Co-Chair:

Rosenthal E. - London, GBR / **Janousek J.** - Leipzig, DEU

09:00 ■ Lumenless Low Profile Leads
Walsh M. - *Bristol, GBR* **84/1**

09:15 ■ MRI Compatibility
Rosenthal E. - *London, GBR* **84/2**

09:30 ■ LV Pacing
Janousek J. - *Leipzig, DEU* **84/3**

09:45 ■ SQ ICD
Roses F. - *London, GBR* **84/4**

10:00 ■ Tele Monitoring
Zartner P. - *Sankt Augustin, DEU* **84/5**

10:15 ■ Novel Approaches in Difficult Cases
Rosenthal E. - *London, GBR* **84/6**

■ Break / Visit of Exhibits

INDUSTRY SYMPOSIA

INDUSTRY SYMPOSIA

09:00-10:30

Room 1.1 - Level 1 / Méditerranée

SESSION 85
STROKE AND AF: DIAGNOSIS AND PREVENTION

Co-Chair:

Kirchhof P. - Münster, DEU / **Thijs V.** - Leuven, BEL

09:00 ■ AF Detection: Benefits and Limitations of Different Tools
Sanna T. - Rome, ITA **85/1**

09:15 ■ Relationship between AF Burden and Stroke: Latest Insights
Boriani G. - Bologna, ITA **85/2**

09:30 ■ Protecting your Patients from Ischaemic Stroke: Using NOACs in Clinical Practice
Dorian P. - Toronto, CAN **85/3**

09:45 ■ AF Detection in Cryptogenic Stroke Patients: Latest Clinical Evidence
Nuyens D. - Genk, BEL **85/4**

10:00 ■ Optimizing Secondary Stroke Prevention in AF: The Benefits of NOACs
Thijs V. - Leuven, BEL **85/5**

■ Break / Visit of Exhibits

Session made possible thanks to an educational grant from **MEDTRONIC**

09:00-10:30

Room 1.2 - Level 1 / Méditerranée

SESSION 86
LEFT ATRIAL APPENDAGE CLOSURE: THE NEXT PARADIGM SHIFT IN STROKE PREVENTION

Co-Chair:

Glikson M. - Tel Hashomer, ISR / **Kanagaratnam P.** - London, GBR

09:00 ■ Is There a Need for an Alternative in the Era of Novel Anticoagulants?
Lewalter T. - Bonn, DEU **86/1**

09:20 ■ Guidelines, Evidence and Consensus Statement
Glikson M. - Tel Hashomer, ISR **86/2**

09:40 ■ Case Examples with the Amplatzer Devices
Schmidt B. - Frankfurt, DEU **86/3**

10:00 ■ Critical Factors to Develop a Successful Practice
Kanagaratnam P. - London, GBR **86/4**

■ Break / Visit of Exhibits

Session made possible thanks to an educational grant from **ST JUDE MEDICAL**

AF MANAGEMENT

ON BEHALF OF ACAF - ADVANCES AND CONTROVERSIES IN ATRIAL FIBRILLATION

Program Chairs: G. V. Naccarelli - Hershey, USA,
J.J. Blanc - Brest, France, S. Lévy - Marseilles, France

ECG/EGM INTERPRETATION

Organized by STIMUPRAT Bordeaux Team

09:00-10:30

Room 1.3 - Level 1 / Méditerranée

SESSION 87

ATRIAL FIBRILLATION I

Co-Chair:

Blanc J. J. - Brest, FRA / **Lombardi F.** - Milan, ITA

09:00 ■ AF Stroke: A Neurologist's Perspective: Definitions, Treatment of Brain Attack, Prognosis
Diener H. - Duisburg-Essen, DEU **87/1**

09:30 ■ AF Detected from Cardiac Implantable Devices; What is the Risk of Stroke? Who Should be Treated?
Santini M. - Rome, ITA **87/2**

10:00 ■ Role of Cardiac Imaging, Echocardiography/TEE in Assessing Risk of Stroke
Halperin J. - New York, USA **87/3**

■ Break / Visit of Exhibits

Unrestricted Educational Support: **Boehringer Ingelheim Pharma**

09:00-10:30

Room 1.4 - Level 1 / Méditerranée

SESSION 88

COMPREHENSIVE ICD AND PACEMAKER COURSE BY STIMUPRAT

Co-Chair:

Hayes D. L. - Rochester, USA / **Anselme F.** - Rouen, FRA

Based on device EGM presentations intended for intensive interaction with the audience.
Tracings from St Jude Medical devices.

09:00 ■ Comprehensive ICD and Pacemaker Course
Bordachar P. - Bordeaux, FRA **88/1**

09:00 ■ Comprehensive ICD and Pacemaker Course
Garrigue S. - Bordeaux, FRA **88/2**

09:00 ■ Comprehensive ICD and Pacemaker Course
Reuter S. - Bordeaux, FRA **88/3**

■ Break / Visit of Exhibits

JOINT SESSIONS

Joint session with the Shanghai Group

INDUSTRY SYMPOSIA

09:00-10:30

Room 1.5 - Level 1 / Méditerranée

SESSION 89

A SYSTEMATIC APPROACH TO POST INFARCTION VT ABLATION

Co-Chair:

DellaBella P. - Rome, ITA / **Li Y.** - Shanghai, CHN

09:00 ■ Lessons from the 12- Lead ECG
Zeppenfeld K. - Leiden, NLD **89/1**

09:20 ■ Optimizing Access to Target Sites: Transmitral, Transaortic and Epicardial Strategies
Ouyang F. - Hambourg, CHE **89/2**

09:40 ■ Interpretation of Sinus Rhythm Maps: Voltage Maps and Mapping of Late Potentials
Chen M. - Shanghai, CHN **89/3**

10:00 ■ Activation and Entrainment Mapping for Identification of Ablation Target Sites
Liu S. - Shanghai, CHN **89/4**

■ Break / Visit of Exhibits

09:00-10:30

Room 1.6 / Iris - Level 1 / Méditerranée

SESSION 90

STROKE PREVENTION IN AF – OUTCOMES AND FUTURE DIRECTIONS

Co-Chair:

Lip G. Y. - Birmingham, GBR / **Goette A.** - Magdeburg, DEU

09:00 ■ An Evolving Treatment Landscape for Atrial Fibrillation in Europe – What Choice for Stroke Prevention?
Le Heuzey J. - Paris, FRA **90/1**

09:30 ■ ENGAGE AF-TIMI 48 – Implications for Stroke Prevention in Atrial Fibrillation
Camm A. - London, GBR **90/2**

10:00 ■ Future Directions for Oral Anticoagulants in Atrial Fibrillation – Where Do We Go from Here?
Lip G. - Birmingham, GBR **90/3**

■ Break / Visit of Exhibits

Session made possible thanks to an educational grant from **DAI ICHI SANKYO**

LEAD MANAGEMENT

Program Chairs: MG. Bongiorno, ITA -
JC. Deharo - Marseille, FRA - J. Helland - USA

09:00-10:30

Room 3.1 / Clio - Level 3 / Les Muses

SESSION 91

HOW LEAD DESIGN AND LOCATION MAY AFFECT LEAD EXTRACTION

Co-Chair:

Helland J. R. - Sylmar, USA / **Kennergren C.** - Göteborg, SWE

09:00 ■ The Science of Cardiac Lead Design for Improved Lead Function & Reliability - The Lead Body, Conductors, & MRI

Miller J. - Mounds View, USA

91/1

09:10 ■ The Science of Cardiac Lead Design for Improved Lead Function & Reliability - Electrodes for Sensing, Pacing & Defibrillation

Reddy S. - USA

91/2

09:20 ■ The Science of Cardiac Lead Design for Improved Lead Function & Reliability - Insulation

Jenney C. - Sylmar, USA

91/3

09:30 ■ What Lead Design Aspects Do Lead Extraction Physicians Need to Know?

Marshall M. - Mounds View, USA

91/4

09:40 ■ How Fixation Mechanism and Pacing Site Affect the Extraction Outcome

Rinaldi A. - London, GBR

91/5

09:50 ■ Implant Techniques to Avoid or Make Easier Further Lead Extraction

Richter S. - Brussels, BEL

91/6

10:00 ■ Discussion

■ Break / Visit of Exhibits

GERIATRIC CARDIOLOGY

ARRHYTHMIA MANAGEMENT IN OLDER PERSONS WITH A FOCUS ON CASE BASED DISCUSSION

Program Chairs: Win K. Shen - Scottsdale, USA,
Ronald E. Vlietstra - Lakeland, USA,
Thomas T. Munger, Rochester, USA

09:00-10:30

Room 3.2 / Thalie - Level 3 / Les Muses

SESSION 92

FAINING AND FALLS: DETECTION, DIAGNOSIS AND PREVENTION

Co-Chair:

Brignole M. - Lavagna, ITA / **Hammill S. C.** - Rochester, USA

09:00 ■ State of the Art Lecture: Recent Advances in Ambulatory Hemodynamic and Rhythm Monitoring

Benditt D. - Minneapolis, USA

92/1

09:20 ■ Case 1: 82 yr W, diabetic w/ Parkinson's & recurrent syncope and falls: what is the pathophysiology and how can we help?

Kenny R. - Dublin, IRL

92/2

09:40 ■ Case 2: 85 yr M, dementia, LBBB, 1 year H/O recurrent syncope and falls, 4-sec pause during carotid sinus massage: what is next, EPS, pacemaker, single or dual chamber

Krahn A. - Vancouver, CAN

92/3

10:00 ■ Case 3: 88 yr M, EF 30%, MI 2 months ago, palpitations & near syncope x 3: what are you going to do?

Brady P. - Rochester, USA

92/4

■ Break / Visit of Exhibits

NONINVASIVE ELECTROCARDIOLOGY

ON BEHALF OF ISHNE - INTERNATIONAL
SOCIETY FOR HOLTER AND NONINVASIVE
ELECTROCARDIOLOGY

*Program Chairs: W. Zareba, USA,
S. Dubner, ARG, A.J. Moss, USA*

09:00-10:30

Room 3.3 / Erato - Level 3 / Les Muses

SESSION 93

NOVEL AND IMPROVED METHODS OF AF MONITORING

Co-Chair:

Chevalier P. - Lyon, FRA / **Piotrowicz R.** - Warsaw, POL

09:00 ■ Long-Term AF Monitoring
Mittal S. - New York City, USA **93/1**

09:20 ■ Video-Monitoring of AF
Couderc J. - Rochester, USA **93/2**

09:40 ■ Silent AF Recurrences after AF Ablation
Raviele A. - Venice, ITA **93/3**

10:00 ■ Implanted Devices for AF Monitoring
Pokushalov E. - Novosibirsk, RUS **93/4**

■ Break / Visit of Exhibits

INDUSTRY SYMPOSIA

09:00-10:30

Room 3.4 / Uranie - Level 3 / Les Muses

SESSION 94

UPDATED INTERIM RESULTS OF THE WEARIT II REGISTRY OF WCD PATIENTS

Co-Chair:

Moss A.J. - Rochester, USA

Haissaguerre M. - Bordeaux, FRA

09:00 ■ One-Year WCD Patient Follow-Up: Updated
Interim Results from the WEARIT II Registry
Ilan Goldenberg I. - Tel Aviv, ISR **94/1**

09:00 ■ WCD Utilization in Clinical Practice - SCD
Screening Strategies and Case Presentations
Stefan Winter S. - Koln, DEU **94/2**

■ Break / Visit of Exhibits

Session made possible thanks to an educational grant from
ZOLL

ABLATION TECHNIQUES

Program Chairs: *M. Scheinman - San Francisco, USA,
F. Sacher - Bordeaux, FRA*

09:00-10:30

Room 3.5 / Calliope - Level 3 / Les Muses

SESSION 95

VENTRICULAR TACHYARRHYTHMIAS (PART I)

Co-Chair:

Maury P. - Toulouse, FRA / **Coromillas J.** - Los Angeles, USA

09:00 ■ The Anatomic Bases of VT in Ischemic Heart Disease: Lessons Learned from the Animal Laboratory
Coromillas J. - Los Angeles, USA **95/1**

09:20 ■ Role of Renal Denervation in VT Treatment
Bradfield J. - Los Angeles, USA **95/2**

09:40 ■ The Role of Cardiac Sympathectomy in Treatment of Recurrent VT
Shivkumar K. - Los Angeles, USA **95/3**

10:00 ■ Ablation of Purkinje Triggers for Recurrent Ventricular Fibrillation in Patients with Ischemic Heart Disease
Hocini M. - Bordeaux, FRA **95/4**

■ Break / Visit of Exhibits

BASIC EP, NONINVASIVE ELECTROCARDIOLOGY, DEVICES, CRT, DEVICES2, ABLATION TECHNIQUES/EP

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09:00-12:30

Poster Area - Level 3 / Agora 3

SESSION 96P

BASIC EP

■ Spatial Heterogeneity of Electrical Restitution by Sympathetic Nerve Stimulation in Isolated Rabbit Hearts
Chin S., Narang R., Winter J., Brack K., Ng G. - Leicester, GBR **96P/1**

■ Toll-Like Receptor 4 Activation Promotes Cardiac Arrhythmias by Decreasing the Transient Outward Potassium Current (ITO) through an Irf3-Dependent and Myd88-Independent Pathway
Monnerat-Cahli G., Alonso H., Gallego M., Lopes Alarcon M., Casis O., **Medei E.** - Rio De Janeiro, BRA **96P/2**

■ Medium Term RV Apical Pacing Induces a Localised Heart Failure Phenotype in Isolated Cardiomyocytes
Kirkwood G., Lawless M., Trafford A. - Manchester, GBR **96P/3**

■ In Vitro Atrial Fibrillation with Different Organization Degrees
Climent A., Guillem M., Lee P., Bollensdorff C., Fernandez-Santos M., Sanz-Ruiz R., Sanchez P., Atienza F., Fernandez-Aviles F. - Madrid, ESP **96P/4**

■ Mild Hypothermia (33°C) Increases the Inducibility of Atrial Fibrillation
Manninger-Wünsch M., Alogna A., Zweiker D., Verderber J., Reiter S., Zirngast B., Pieske B., Post H., Scherr D. - Graz, AUT **96P/5**

■ Two-Cell Pacemaker Enabled by the Dynamic Clamp and Cell-Cell Coupling
Valiunas V., Clausen C., Valiuniene L., Rosen M., Brink P., Cohen I. - Stony Brook, USA **96P/6**

NONINVASIVE ELECTROCARDIOLOGY

■ Metoprolol/Flecainide Combination Reduces Atrial Fibrillation Recurrences over a 1-Year Follow-Up
Guerra F., Piangerelli L., Ricciotti J., Ragno F., Capucci A. - Ancona, ITA **96P/7**

**BASIC EP, NONINVASIVE ELECTROCARDIOLOGY,
DEVICES, CRT, DEVICES2,
ABLATION TECHNIQUES/EP**

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Poster Area - Level 3 / Agora 3

■ Comparison of Ivabradine and Bisoprolol in the Treatment of Inappropriate Sinus Tachycardia
Martino A., Sette A., Preiti S., Rebecchi M., De Ruvo E., Borrelli A., Scarf A., Fagagnini A., Nuccio F., Sciarra L., Calf L. - Rome, ITA **96P/8**

■ Renin _ Aldosterone System Reactivity in Response to Modulation of Autonomic System in Young Healthy Men without Previous Syncopal History
Stanczyk A., Gielerak G., Krzesinski P., Piotrowicz K., Galas A., Skrobowski A. - Warsaw, POL **96P/9**

■ Hypertensive Heart Remodelling Effect on Development of Supraventricular Arrhythmias
Krestjyaninov M., Gimaev R., Razin V. - Ulyanovsk, RUS **96P/10**

■ Early Affected Diastolic Tissue Doppler Indices Predict Future Arrhythmic Relapses in Patients with Paroxysmal Atrial Fibrillation
Mytas D., Arsenos P., Anastasopoulou A., Papavasileiou M., Mylona P., Milonidis M., Tsiantis I., Papadopoulos C., Gatzoulis K., Gionakis G. - Marousi, GRC **96P/11**

■ Noninvasive EPI-Endocardial Imaging of Ventricular Arrhythmias
Khlynin M., Popov S., Batalov R., Krivolapov S. - Tomsk, RUS **96P/12**

■ The Relationship between Late Potentials and Delayed Enhancement 3-Tesla Cardiac Magnetic Resonance in Acute Myocardial Infarction
Takeuchi R., Ishida M., Takagi T., Matsukura G., Yamashita S., Hosoya N., Kageyama S., Yoshizaki T., Watanabe Y., Murata K., Nawada R., Onodera T. - Shizuoka City, JPN **96P/13**

■ Role of Cardiac Arrhythmias in Renal Transplant Candidates
Martinelli M., Peixoto G., Silva R., Siqueira S., Lima J., Teixeira R., Nishioka S., Pedrosa A., Costa R. - São Paulo, BRA **96P/14**

■ Non-Invasive Phase Analysis in Atrial Flutter Electrographic Maps
Liberos A., Climent A., Rodrigo M., Pedr—n-Torrecilla J., Millet J., Quesada A., Guillem M. - Valencia, ESP **96P/15**

■ Antithrombotic Therapy in Atrial Fibrillation Patients with Higher Risk of Bleeding after Coronary Stenting
Kim H., Choi E., Oh G., Cha M., Cho Y., Oh I., Oh S. - Seoul, KOR **96P/16**

■ Body Surface Detection of Reentrant Activity during Atrial Fibrillation
Rodrigo M., Guillem M., Climent A., Liberos A., Pedr—n-Torrecilla J., Fern#ndez-Avil_s F., Atienza F., Berenfeld O. - Valencia, ESP **96P/17**

■ Disopyramide Effectively Suppressed Electrical Storm in Idiopathic Ventricular Fibrillation with Early Repolarization Syndrome
Takase S., Mukai Y., Nagayama Y., Inoue S., Takemoto M., Chishaki A., Sunagawa K. - Fukuoka City, JPN **96P/18**

DEVICES

■ Outcome in Young Patients with Complete Isolated Atrioventricular Block and Pacemaker Treatment- A Nationwide Study of 127 Patients
Eliasson H., Sonesson S., Salomonsson S., Skog A., Wahren-Herlenius M., Gadler F. - Stockholm, SWE **96P/19**

■ Tranvenous Pacing in Neonates and Infants Weighing < 10 Kg _ Does the Subclavian Vein Remains Patent Long-Term?
Konta L., Chubb H., Rogers J., Bostock J., Rosenthal E. - London, GBR **96P/20**

■ The Percutaneous Approach to Tranvenous Pacemaker Implantation after a Superior Cavo-Pulmonary Anastomosis
Rosenthal E., Konta L. - London, GBR **96P/21**

■ Safety and Feasibility of Percutaneous Axillary Vein Approach in Paediatric Population. Single Centre Experience
De Filippo P., Ferrari P., Giofre' F., Brambilla R., Senni M. - Bergamo, ITA **96P/22**

BASIC EP, NONINVASIVE ELECTROCARDIOLOGY, DEVICES, CRT, DEVICES2, ABLATION TECHNIQUES/EP

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Poster Area - Level 3 / Agora 3

■ Pacemaker in Pediatric Patients: What's the Best Implantation Approach? A Single Centre Experience

Ferretto S., Dalle Carbonare C., Giuliani I., Padalino M., Biffanti R., Vida V., Cerutti A., Reffo E., Vettor G., Castaldi B., Maschietto N., Iliceto S., Stellin G., Milanese O., Leoni L. - *Padova, ITA*

96P/23

■ Early Battery Depletion of Emdr01 Enrhythm MRI Implantable Pulse Generators

Wollmann C., Witzersdorfer L., Thudt K., Vock P., Mayr H. - *St. P_lten, AUT*

96P/24

■ No Electromagnetic Interference Exists between the New Remote Monitoring System and Implantable Devices

Hai J., Horgen A., Friedman P., Bruce C., Asirvatham S., Hayes D. - *Hong Kong West, HKG*

96P/25

■ Potentially Harmful Interactions between Implantable Cardiac Devices and Radiofrequency Identification (RFID) Devices in Public and Healthcare Environments

Lloyd M., Langberg J., Koblasz A. - *Atlanta, USA*

96P/26

■ Characterization of Electrical Interference in ICD Sense Channel: Traditional Electrosurgery Compared to a Pulsed Plasma RF Energy Device

Steiner P., Turcotte C., Greenberg M., Sangha R., Gerling B., Holzberger P., Chodosh A., Wood N., Cao J. - *Lebanon, USA*

96P/27

■ Potentially Harmful Interactions between Implantable Cardiac Devices and Radiofrequency Identification (RFID) Devices in Public and Healthcare Environments

Lloyd M., Langberg J., Koblasz A. - *Atlanta, USA*

96P/28

■ The Ultrasonic Scalpel as an Alternative to Surgical Electrosurgery in Subjects with Implantable Cardiac Devices

Larsen P., Mcintosh R., Orsourn G., Harding S. - *Wellington, NZL*

96P/29

■ Implantable Cardioverter Defibrillators and Geomagnetic Activity

Ebrille E., Konecny T., Spacek R., Konecny D., Jones P., Ambroz P., Desimone C., Powell B., Hayes D., Friedman P., Asirvatham S. - *Turin, ITA*

96P/30

■ Effects of High-Dose Radiotherapy on Modern Pacemakers and ICDs

Zaremba T., Thøgersen A., Jakobsen A., Oddershede L., Kj_rgaard B., Riahi S. - *Aalborg, DNK*

96P/31

■ Management of Pacemakers and Defibrillators during Radiotherapy

Brambatti M., Mathew R., Goyal A., Dean J., Hayward J., Quagliarello J., Guliauksaus S., Long L., Strang B., Demeis P., Smoke M., Capucci A., Healey J. - *Ancona, ITA*

96P/32

■ ICD's Complications in Real Life

Alonso C. - *Saint-Cloud, FRA*

96P/33

CRT

■ ECG Parameters Predict Super-Response in Resynchronization Therapy

Cvijic M., Zizek D., Antolic B., Zupan I. - *Ljubljana, SVN*

96P/34

■ Left Ventricle Lead Position Strongly Correlate with LV dP/dtmax Improvement and LV Electrical Delay during CRT Procedure

Zanon F., Pastore G., Baracca E., Fraccaro C., Lanza D., Raffagnato P., Tiribello A., Boaretto G., Picariello C., Aggio S., Roncon L., Noventa F., Prinzen F. - *Rovigo, ITA*

96P/35

■ CRT Patients with LBBB Have a Longer LV Electrical Delay and a Better Acute Hemodynamic Improvement Compared to Non-LBBB Patients

Zanon F., Pastore G., Baracca E., Fraccaro C., Lanza D., Raffagnato P., Tiribello A., Boaretto G., Picariello C., Aggio S., Roncon L., Noventa F., Prinzen F. - *Rovigo, ITA*

96P/36

■ Clinical Impact of Adding a Second Left Ventricular Lead in CRT Non Responders: The V3 Trial

Leclercq C., Gras D., Babuty D., Defaye P., Delay M., Boveda S., Anselme F., Klug D., Piot O., Sadoul N., Bordachar P. - *Rennes, FRA*

96P/37

**BASIC EP, NONINVASIVE ELECTROCARDIOLOGY,
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Poster Area - Level 3 / Agora 3

■ True Left Bundle Branch Block Predicts

Response to Cardiac Resynchronization Therapy in Ischemic Cardiomyopathy

Jackson T., Sohal M., Child N., Chen Z., Sammut E., Behar J., Claridge S., Carr-White G., Razavi R., Rinaldi A. - London, GBR

96P/38

■ Global QRS Duration as Predictor of Response to Cardiac Resynchronization Therapy

De Pooter J. - Ghent, BEL

96P/39

■ Failure to Implant a Left Ventricular Lead for Cardiac Resynchronisation Therapy: A Meta-Analysis

Gamble J., Herring N., Ginks M., Rajappan K., Bashir Y., Betts T. - Oxford, GBR

96P/40

■ Prevalence of Inadvertent Malposition of

Transvenous Pacing or Defibrillation Lead in the Left Heart

Ohlow M., Roos M., Brunelli M., Farah A., Fuhrmann J., Schreiber M., Richter S., Geller J., Lauer B. - Bad Berka, DEU

96P/41

■ Prediction of an Active Pacing Lead Fixation in the Left Ventricle

Gras D., Eggen M., Haddad T., Marquard K., Iazzo P., Yang P. - Nantes, FRA

96P/42

■ Low 12-Month Complication Rate of Active Fixation Coronary Sinus Lead

Gadler F., Hussin A., Yee R. - Stockholm, SWE

96P/43

■ Impact of Left Ventricular Stimulation Vectors on Hemodynamics in Cardiac Resynchronization Patients – Insights from Son-R Sensor

Gutleben K., Koch F., Hossain M., Molatta S., Ziglio F., Wallich M., Horstkotte D., N_iker G. - Bad Oeynhausen, DEU

96P/44

■ One Year Performance of the SonR System

Leclercq C., Delnoy P., N_gele H., Mansourati J., Mont L., Anselme F., Stengel P., Anselmi F., Oswald H., Duncker D. - Rennes, FRA

96P/45

■ Visualization of Coronary Venous System in Cardiac Magnetic Resonance

Mlynarski R., Mlynarska A., Wilczek J., Sosnowski M. - Katowice, POL

96P/46

■ Multidetector Computed Tomographic Imaging for Failed Left Ventricular Lead Implantation.

Behar J., Rajani R., Preston R., Niederer S., Sohal M., Jackson T., Razavi R., Rinaldi C. - London, GBR

96P/47

■ Multi-Vein Triventricular Cardiac

Resynchronisation Therapy: 5-Year Follow-Up Data

Behar J., Ginks M., Bostock J., Sammut E., Jackson T., Sohal M., Wright M., Gill J., Razavi R., Rinaldi C. - London, GBR

96P/48

■ Multisite LV Pacing Improves LVdP/dtmax Compared to Conventional Biventricular Pacing

Zanon F., Pastore G., Baracca E., Fraccaro C., Lanza D., Raffagnato P., Tiribello A., Boaretto G., Picariello C., Aggio S., Roncon L., Noventa F., Prinzen F. - Rovigo, ITA

96P/49

■ Triventricular Versus Biventricular Pacing:

Evidence of Additional Hemodynamic Benefit in Patients with Permanent Atrial Fibrillation

Magalhaes A. - Lisbon, PRT

96P/50

■ Intraoperative Upgrading to a Second

Left Ventricular Lead in End-Stage Heart Failure Non-Responding to Conventional Biventricular Pacing: First Dual-Center Experience

Lotze U., L_iben K., Oltmanns G., Rajewski A., Barton T., Ziehm T., Opara W., Schmidt H. - Bad Frankenhausen, DEU

96P/51

DEVICES2

■ ICD System Short Circuit with Spark Discharge:

An Experimental Study

Nakajima H., Sutton R., Toyoshima T. - Itabashi-Ku, JPN

96P/52

■ Comparison of Advisory and Non-Advisory ICD

Lead Impedance and Noise Using a Novel Lead Alert

Powell B., Mahajan D., Wold N., Jones P., Perschbacher D., Sharma A. - Charlotte, USA

96P/53

■ Catheter Ablation Effectiveness of Paroxysmal

Atrial Fibrillation and Importance of Prognostic Factors

Chasnoits A., Goncharik D., Mrochek A., Kovalenko O., Barsukevich V., Golenischa V., Plaschinskaia L., Savchenko A. - Minsk, BLR

96P/54

BASIC EP, NONINVASIVE ELECTROCARDIOLOGY, DEVICES, CRT, DEVICES2, ABLATION TECHNIQUES/EP

Posters must remain on display from 9:00 to 12:30,
but during the break your presence is required beside your poster

09:00-12:30

Poster Area - Level 3 / Agora 3

■ Is Smaller Really Better? A Venous Occlusion Study of 187 Consecutive Patients
Abu-El-Haija B., Bhave P., Campbell D., Mazur A., Hodgson-Zingman D., Zimmerman B., Giudici M. - *Iowa City, USA* **96P/55**

■ Lead Use Conditions Imaging: A Noninvasive Upper Thoracic & Intracardiac Lead Mechanics Investigation
Pau V., Baxter W., Abiri P., Rombouts H., Goromonzi F., Bekdache Y., Chaar W., Pollock L., Choucair D., Segal O., Shafquat A., Al Ghamdi B. - *Mounds View, USA* **96P/56**

■ The Evaluation of Tricuspid Regurgitation Following Implantation of Right Ventricular Septal Pacing Leads by 3D Echocardiography
Hirai T., Nakagomi T., Mamiya K., Okamoto K., Saka Y., Ikai Y., Iwase K., Niwa M., Miki K., Suzuki N., Tanaka T. - *Okazaki, JPN* **96P/57**

■ Troubleshooting in Upgrading Procedure: How to Overcome Venous Stenosis
Morani G., **Morosato M.**, Tomasi L., Bolzan B., Vassanelli C. - *Verona, ITA* **96P/58**

■ Dry Late Heart Wall Perforation with ICD Lead in Most of Patients the Cardiac Surgery Can Be Avoided
Kutarski A., Tomaszewski A., Brzozowski W., Czajkowski M., Targonska S., Stazka J. - *Lublin, POL* **96P/59**

■ Impact of Coils and Fixation Mechanism on Implantable Cardioverter Defibrillator Lead Extraction
Segreti L., Bongiorni M., Di Cori A., Zucchelli G., Viani S., Paperini L., De Lucia R., Coluccia G., Valsecchi S., Soldati E. - *Pisa, ITA* **96P/60**

■ Performance of Sprint-Fidelis ICD Lead when Placed at the Right Ventricle Outflow Tract
Acosta H., Lina M Viafara L., David Izquierdo D., Julie Bear J., Jennifer Moore J., Corrie Waller C., Robert Johnson R., **Steven Acosta S.**, Michelle C Salazar M., **Byron Acosta B.**, Michelle Smith M. - *Moline, USA* **96P/61**

■ Incidence of New Externalized Conductors and Electrical Dysfunction in Riata and Riata ST Silicone ICD Leads: 1 Year Results from a Prospective, Multicenter Study
Hayes D., Freedman R., Niebauer M., Plumb V., Dinerman J., Beau S., Kim G., Curtis A. - *Rochester, USA* **96P/62**

■ Absence of Externalized Conductors and Electrical Dysfunction in Systematically Imaged Durata ICD Leads: Results from a Prospective, Multicenter Study
Hayes D., Freedman R., Porterfield J., Porterfield L., Dinerman J., Styperek R., Machell C., Kim G., Curtis A. - *Rochester, USA* **96P/63**

■ Performance of Contemporary Transvenous ICD Leads: Initial Results of a Multi-Center Study
Hauser R. - *Medina, USA* **96P/64**

■ Riata Lead Extraction: Technical Approach and Procedural Implications of Transvenous Removal
Bongiorni M., Di Cori A., **Segreti L.**, Soldati E., Zucchelli G., De Lucia R., Paperini L., Viani S., Levorato D., Romano S. - *Pisa, ITA* **96P/65**

■ Fluoroscopic and Electric Follow-Up of Danish Recalled Riata Leads
Larsen J., Nielsen J., Johansen J., Haarbo J., Petersen H., Thøgersen A., Hjortshøj S. - *Aalborg, DNK* **96P/66**

■ Riata Conductor Externalization Is Associated with Lead Slack
Larsen J., Johansen J., Nielsen J., Petersen H., Haarbo J., Johansen M., Eschen O. - *Aalborg, DNK* **96P/67**

■ Salvaging Malfunctioning DF4 ICD Systems
Tyers F., Frysz C., Stevenson R. - *Vancouver, CAN* **96P/68**

■ Can Pacemaker Abandoned Leads Be Made Safe for MRI?
Stevenson R., Tyers G., Johnson R., Moschiano H. - *Santa Clarita, USA* **96P/69**

ABLATION TECHNIQUES/EP

■ The Relationship between the Outcome of Pulmonary Vein Isolation for Atrial Fibrillation and a Severity of Sleep-Disordered Breathing
Kaitani K., Onishi N., Hayama Y., Izumi C., Nakagawa Y. - *Tenri, JPN* **96P/70**

**BASIC EP, NONINVASIVE ELECTROCARDIOLOGY,
DEVICES, CRT, DEVICES2,
ABLATION TECHNIQUES/EP**

Posters must remain on display from 9:00 to 12:30,
but during the break your presence is required beside your poster

09:00-12:30

Poster Area - Level 3 / Agora 3

■ Maintenance of Sinus Rhythm Following AF Ablation in Heart Failure Patients May Preclude ICD Implant
Manyam H., Veer M., Manrique A., De Oliveira S., Cakulev I., Mackall J., Arruda M. - *Cleveland, USA* **96P/71**

■ Long Standing Persistent Atrial Fibrillation - Catheter vs Thorascopic Surgical Ablation
Haldar S., Jones D., Bahrami T., Desouza A., Yahdev R., Panikker S., Pappasavvas I., Hussain W., Salukhe T., Markides V., Wong T. - *London, GBR* **96P/72**

■ Atrial Fibrillation Ablation Using Cool Flex Therapy Catheter
Pezzulich B., Maggio R. - *Turin, ITA* **96P/73**

■ Duty-Cycled, Phased RF-Ablation Targeting Reconnected Pulmonary Veins in Paroxysmal Atrial Fibrillation: Safety, Efficacy and Long-Term Follow-Up Results
Wieczorek M., Tajtaraghi S., Hilje T., Hoeltgen R. - *Bocholt, DEU* **96P/74**

■ Patient Reported Outcomes (PROMS) in Catheter Ablation of Atrial Fibrillation
Lodge B., Wynn G., Das M., Morgan M., Webber M., Cabrera S., Gupta D., Todd D. - *Liverpool, GBR* **96P/75**

■ Safety and Feasibility of Cryoballoon Pulmonary Vein Isolation in Heart Failure Patients
Pruszkowska-Skrzep P., Lenarczyk R., Kowalski O., Pluta S., Sokal A., Szulik M., Wozniak A., Mazurek M., Kalarus Z. - *Zabrze, POL* **96P/76**

■ Atrial Flutter Ablation: Morpho-Functional Cardiac Reverse Remodelling
Martignani C., Corzani A., Marziali A., Diemberger I., Ziacchi M., Massaro G., Mazzotti A., Cimaglia P., Biffi M., Boriani G. - *Bologna, ITA* **96P/77**

■ Use of Ultrasound to Reduce Vascular Complications Associated with Atrial Fibrillation Ablation: A Prospective Study
Wynn G., Haq I., Hung J., Bonnett L., Webber M., Das M., Kennedy T., Lewis G., Hall M., Snowdon R., Modi S., Todd D., Waktare J., Gupta D. - *Liverpool, GBR* **96P/78**

■ Long-Term Follow-Up of AF Cryoballoon and Risk Factors of Recurrence
Doucy A., Kubala M., Traulle S., Thirifays P., Hermida J. - *Amiens, FRA* **96P/79**

■ Linear Ablation; Long-Term Outcomes in Persistent Atrial Fibrillation
Davies E., Barman P., Lines I., Haywood G. - *Plymouth, GBR* **96P/80**

■ Predictors of Hemodynamic and Functional Improvement Following Catheter Ablation for Long-Standing Persistent Atrial Fibrillation: A Prospective Study
Fiala M., Wichterle D., _knouril L., Bulkov# V., Nevrlov# R., Toman O., Dorda M., Janu_ka J., _pinar J. - *Trinec, CZE* **96P/81**

■ Septal Atrial Tachycardia after Open-Heart Surgery
Adachi T., Yoshida K., Sekiguchi Y., Takeyasu N., Yokoyama Y., Nogami A., Yamaguchi I., Aonuma K. - *Tsukuba-City, JPN* **96P/82**

■ Surveillance of AF Recurrence Post AF Ablation Using Implantable Cardiac Monitor- Long-Term Results in 75 Patients
Ip J., Denise Grimes L., Yan Xie H., Jennifer Boak F., Divyakant Gandhi M. - *Lansing, USA* **96P/83**

■ Surgical Ablation for Atrial Fibrillation as a Concomitant Cardiac Surgery Procedure. A Single-Center Study with 1-Year Follow-Up
Mach L., Horvath V., Jakubcova E., Kovacicova K., Nemecek P., Orban M. - *Brno, CZE* **96P/84**

■ Incidence of Atrial Fibrillation Requiring Ablation after Elective Cavotricuspid Isthmus Ablation. Can Flecainide Complicate the Clinical Evaluation?
De Bortoli A., Sun L., Solheim E., Hoff P., Schuster P., Ohm O., Chen J. - *Bergen, NOR* **96P/85**

■ Long-Term Outcome after Ablation of Atrial Fibrillation by the Use of Radiofrequency Hot Balloon Catheter _ over 6 Years Follow-Up
Yamaguchi Y., Sohara H., Nakamura Y., Ihara M., Mikura S., Satake S. - *Kanagawa, JPN* **96P/86**

BASIC EP, NONINVASIVE ELECTROCARDIOLOGY, DEVICES, CRT, DEVICES2, ABLATION TECHNIQUES/EP

Posters must remain on display from 9:00 to 12:30, but during the break your presence is required beside your poster

09:00-12:30

Poster Area - Level 3 / Agora 3

■ Atrial Tachycardias in Patients with Long-Standing Persistent Atrial Fibrillation Undergoing Thoracoscopic Epicardial RF Ablation

Bulava A., Hanis J., Eisenberger M., Kurfir V., Mokracek A. - *Cesk_Budejovice, CZE* **96P/87**

■ Minimal Invasive No-Fluoroscopic Imaging and Catheter Ablation of Regular Supraventricular Arrhythmias

Stec S., Sledz J., Mazij M., Ludwik B., Labus M., Spikowski J., Karbarz D., Chrabaszcz M., Sledz A., Deutsch K., Ras M., Szydowski L. - *Warsaw, POL* **96P/88**

■ Lunch

NONINVASIVE ELECTROCARDIOLOGY

The author's presence is required to present their poster from 10:30 to 11:00
Posters must remain on display from 9:30 to 12:00

10:30-11:00

Poster Area Les Muses - Level 3 / Les Muses

SESSION 97PW

ATRIAL FIBRILLATION/ AUTONOMIC & BAROREFLEX FUNCTION

Co-Chair:

Tereshchenko L. - Portland, USA / **Bauer A.** - Tübingen, DEU

10:30 ■ A New Predictive Score System to Predict Progression and Prognosis in Atrial Fibrillation: Chars-Can Score

Lee K., Park H., Kim S., Cho J., Park K., Sim D., Kim K., Hong Y., Kim J., Ahn Y., Jeong M., Park J. - *Gwangju, KOR* **97PW/1**

10:35 ■ Left Atrial Sphericity Improves Chads2 Score Stroke Prediction in Patients with Atrial Fibrillation

Bisbal F., G—mez-Pulido F., Akoum N., Calvo M., Cabanas P., Vidal B., Brugada J., Marrouche N., Mont L. - *Barcelona, ESP* **97PW/2**

10:40 ■ Atrial Fibrillation and Stroke in Unexplained Syncope Patients Implanted with an Implantable Loop Recorder

Ungar A., Rieger G., De Melis M., Faber T., Pezawas T., Breedveld R., De Weerd G., Bucx J., Lebedev D., Virtanen V. - *Florence, ITA* **97PW/3**

10:45 ■ Increased Divergence between Beat-To-Beat Restitution and Rate Adaptation of QT Intervals in Catecholaminergic Polymorphic Ventricular Tachycardia Is Abolished by Beta-Blockade

Paavola J., V__n__nen H., Toivonen L., Laine M., Swan H., Viitasalo M. - *Helsinki, FIN* **97PW/4**

10:50 ■ The Predictive Value of a Multivariate Model of Autonomic and Baroreflex Function Applied to Patients with Reflex Syncope

Laranjo S., Tavares C., Oliveira M., Rocha I. - *Lisbon, PRT* **97PW/5**

10:55 ■ Results of Baroreceptors Sensitivity Measurement during Head-Up Tilt Test in Patients with Vasovagal Syncope

Pietrucha A., Bzukała I., Jędrzejczyk-Spała J., Mariankowski R., Słosarczyk B., Rychlak R., Wnuk M., Konduracka E., Nessler J. - *Cracow, POL* **97PW/6**

■ Break / Visit of Exhibits

ABLATION TECHNIQUES/EP

The author's presence is required to present their poster from 10:30 to 11:00
Posters must remain on display from 9:30 to 12:00

10:30-11:00

Poster Area - Level 3 / Agora 3

SESSION 98PW TIPS AND TRICKS

Co-Chair:

Schalij M. - Leiden, NLD / **Saoudi N.** - Monaco, MCO

■ Pacing the Phrenic Nerves from the Right and Left Subclavian Veins Is Superior to Pacing from the Superior Vena Cava Allowing Right and Left Phrenic Nerve Monitoring during Balloon Cryoablation
Ghosh J., Singarayay S., Mcguire M. - Sydney, AUS **98PW/1**

■ Modified Transeptal Puncture Technique for Challenging Septa: A Randomized Comparison to Conventional Technique
Kataria V., Berte B., Vandekerckhove Y., Tavernier R., Duytschaever M. - Brugge, BEL **98PW/2**

■ Creating Left Atrial Roof Line Using Arctic Front Advance^a Cryo Balloon in Patients with Persistent Atrial Fibrillation: A Safety and Feasibility Study
Pajitnev D., Neumann T., Greiss H., Zaltsberg S., Akkaya E., Deubner N., Berkowitsch A., Hamm C., Kuniss M. - Bad Nauheim, DEU **98PW/3**

■ Parasympathomimetic Stimulation Provokes Vagally Mediated Premature Ventricular Contractions during Electrophysiologic Study and Ablation
Kassenberg W., Vd Heijden J., Hassink R., Doevendans P., Loh P. - Utrecht, NLD **98PW/4**

■ Evolution and Management of Acute and Delayed Reopening after the Lariat Endo Epicardial Closure
Di Biase L., Gibson D., Valderrabano M., Burkhardt J., Horton R., Trivedi C., Bai R., Santangeli P., Mohanty S., Mohanty P., Krumer A., Palma E., Natale A., Price M. - Austin, USA **98PW/5**

■ Clinical Outcomes of Left Cardiac Sympathetic Denervation
Roses Noguer F., Jordan S., Mcguigan J., Till J. - London, GBR **98PW/6**

■ Break / Visit of Exhibits

BASIC ELECTROPHYSIOLOGY

«TRANSLATIONAL ELECTROPHYSIOLOGY: BRIDGING THE CHASM BETWEEN BASIC AND CLINICAL SCIENCE»

Program Chair: D. Zipes - Indianapolis, USA

11:00-12:30

Room 2.1 / Hermes - Level 2 / Rhodes

SESSION 101 ATRIAL FIBRILLATION

Co-Chair:

Asirvatham S. J. - Rochester, USA / **Probst V.** - Nantes, FRA

11:00 ■ Rotors
Jalife J. - Ann Arbor, USA **101/1**

11:20 ■ Remodeling
Nattel S. - Montreal, CAN **101/2**

11:40 ■ Mechanisms in Humans
Narayan S. - San Diego, USA **101/3**

12:00 ■ Genetics Help Treatment Choices
Roden D. - Nashville, USA **101/4**

12:20 ■ General Discussion

■ Lunch

CRT

Program Chair: S. Worley - USA

11:00-12:30

Room 2.3 / Athena - Level 2 / Rhodes

SESSION 102 INTERVENTIONAL DEVICE IMPLANTATION II

Co-Chair:

Steen T. - Oslo, NOR / **Worley S.** - Lancaster, USA

11:00 ■ How to Perform Coronary Venoplasty for LV Lead Implantation and the Potential Complications
Ando K. - Kitakyushu, JPN 102/1

11:15 ■ Snares for LV Lead Implantation: The Most Powerful Technique for difficult LV Lead Insertion
Worley S. - Lancaster, USA 102/2

11:30 ■ How to Convert from a Traditional to an Interventional Implant Program
Glikson M. - Tel Hashomer, ISR 102/3

11:45 ■ Debate:
Pro/ The Interventional Approach to Device Implantation Reduces Implant Time and Improves Outcome; Centers Should Make the Transition
Friedman P. - Rochester, USA 102/4

12:00 ■ Debate:
Con/ Implant Results Using the Traditional Approach are Fine: There Is No Need to Convert to the Interventional Approach
Wilkoff B. - Cleveland, USA 102/5

■ Lunch

FETAL CARDIOLOGY

Program Chair: M. Guirgis - Paris, FRA

11:00-12:30

Room 2.4 - Level 2 / Gallieni

SESSION 103 DEVELOPMENT & EVALUATION OF FETAL RHYTHM

Co-Chair:

Guirgis M. - Paris, FRA / **Hornberger L.K.** - Toronto, CAN

11:00 ■ Diagnostic Tools in Evaluating Fetal Rhythm in 2014: State of the Art
Cuneo B. - Colorado, USA 103/1

11:20 ■ Fetal Tissue Doppler Imaging in Assessment of Fetal Rhythm
Hornberger L.K. - Toronto, CAN 103/2

11:40 ■ Heart Sounds at Home: The Role of Maternal Monitoring of Fetal Heart Rhythm in the High Risk Fetus
Cuneo B. - Colorado, USA 103/3

12:00 ■ New Insights in Development and Maturation of Fetal Conduction System
Blom N. - Leiden, NDL 103/4

■ Lunch

PEDIATRICS

Program Chair: E. Rosenthal - St Albans, GBR

11:00-12:30

Room 2.6 - Level 2 / Gallieni

SESSION 104

CONTROVERSIES IN PEDIATRIC ARRHYTHMIA SYNDROMES

Co-Chair:

Janousek J. - Leipzig, DEU / **Hebe J.** - Bremen, DEU

11:00 ■ LQTS 1 Patients on B-Blockers May Play Competitive Sport
Wilde A. - Amsterdam, NLD **104/1**

11:15 ■ Children with Brugada Syndrome Should Not Undergo EP Studies
Blom N. - Leiden, DEU **104/2**

11:30 ■ Pre Participation Screening for Sport Discriminates against Non-Sports Players
Sreeram N. - Köln, DEU **104/3**

11:45 ■ ECG Screening in Schools Will Save Lives
Fogelman R. - Petach Tikvah, ISR **104/4**

12:00 ■ Children with ICDs May Take Part in Sport
Hebe J. - Bremen, DEU **104/5**

12:15 ■ All Schools Should Have an AED
McLeod K. - Glasgow, GBR **104/6**

■ Lunch

INDUSTRY SYMPOSIA

11:00-12:30

Room 1.1 - Level 1 / Méditerranée

SESSION 105

THE SUBCUTANEOUS ICD: MEET THE EXPERTS

Co-Chair:

Burke M. - Chicago, USA / **Bongiorni M. G.** - Pisa, ITA

11:00 ■ Effortless: Latest Real World Results with the S-ICD
Grace A. - London, GBR **105/1**

11:20 ■ Implanting the S-ICD – Tips & Tricks
Knops R. - Amsterdam, NLD **105/2**

11:40 ■ New INSIGHTS in Managing the S-ICD Patient
Kuschyk - DEU **105/3**

12:00 ■ Procedure Related Outcomes - A Comparison with the Danish ICD Registry
Johansen J.B. - Odense, DNK **105/4**

■ Lunch

Session made possible thanks to an educational grant from **BOSTON SCIENTIFIC**

INDUSTRY SYMPOSIA

11:00-12:30

Room 1.2 - Level 1 / Méditerranée

SESSION 106

IMPROVING OUTCOMES IN AF ABLATION: CLINICAL EXPERIENCE WITH THE NEXT GENERATION OF CRYOBALLOON AND MULTIELECTRODE RF CATHETERS

Co-Chair:

Kuck K. H. - Hamburg, DEU / **Haïssaguerre M.** - Bordeaux, FRA

14:00 ■ Dosing Strategies for Cryoballoon Ablation
Chierchia J. - Brussels, BEL **106/1**

14:15 ■ Cryoballoon in Persistent AF
Boveda S. - Toulouse, FRA **106/2**

14:30 ■ Comparison Cryoballoon vs RF Ablation
Schilling R. - London, GBR **106/3**

14:45 ■ Advancements in Phased RF Technology
Duytschaever M. - Brugges, BEL **106/4**

15:00 ■ PVAC GOLD Clinical Experience
Boersma L. - Nieuwegein, NLD **106/5**

■ Lunch

Session made possible thanks to an educational grant from
MEDTRONIC

AF MANAGEMENT

ON BEHALF OF ACAF - ADVANCES AND CONTROVERSIES IN ATRIAL FIBRILLATION

Program Chairs: **G. V. Naccarelli** - Hershey, USA,
J.J. Blanc - Brest, France, **S. Lévy** - Marseilles, France

11:00-12:30

Room 1.3 - Level 1 / Méditerranée

SESSION 107

ATRIAL FIBRILLATION II

Co-Chair:

Lévy S. - Marseille, FRA / **Crijns H. J.** - Maastricht, NLD

11:00 ■ Association of AF and Stroke
Camm A. J. - London, GBR **107/1**

11:30 ■ Can Rhythm Control with Antiarrhythmic Drugs
or Catheter Ablation Reduce the Risk of Stroke?
van Gelder I. - Groningen, NLD **107/2**

12:00 ■ AF Stroke and Bleeding Risk: CHADS2,
CHADS2VA2SC, HAS-BLED... and New Guidelines
Lip G. - Birmingham, GBR **107/3**

■ Lunch

Unrestricted Educational Support: **Boehringer Ingelheim
Pharma**

ECG/EGM INTERPRETATION

Organized by STIMUPRAT Bordeaux Team

11:00-12:30

Room 1.4 - Level 1 / Méditerranée

SESSION 108

COMPREHENSIVE ICD AND PACEMAKER COURSE BY STIMUPRAT

Co-Chair:

Hayes D. L. - Rochester, USA / **Anselme F.** - Rouen, FRA

Based on device EGM presentations intended for intensive interaction with the audience.

Tracings from St Jude Medical devices.

11:00 ■ Comprehensive ICD and Pacemaker Course
Bordachar P. - Bordeaux, FRA **108/1**

11:00 ■ Comprehensive ICD and Pacemaker Course
Garrigue S. - Bordeaux, FRA **108/2**

11:00 ■ Comprehensive ICD and Pacemaker Course
Reuter S. - Bordeaux, FRA **108/3**

■ Lunch

PACING

11:00-12:30

Room 1.5 - Level 1 / Méditerranée

SESSION 109

UPDATE ON RECENTLY FINALISED AND ONGOING TRIALS IN BRADYPACING

Co-Chair:

Linde C. M. - Stockholm, SWE / **Hoeg Petersen H.** -

Copenhagen, DNK

11:00 ■ The Danpace 2 Trial - A Randomised Trial on Reduced Atrial Pacing Rate to Reduce the Prevalence of AF in Patients with SSS Treated with DDD Pacing
Cosedis Nielsen J. - Aarhus N, DNK **109/1**

11:20 ■ Pacing Site in Pacemaker Dependent Patients: Should a Septal Lead Position Be Used? Results from a Randomised Study
Kaye G. - Brisbane, AUS **109/2**

11:40 ■ Electrophysiologically Guided Pacing Site Selection Study – The EPASS Study: A Long-Term, Prospective, and Controlled Evaluation of the Incidence of Persistent Atrial Fibrillation (AF) in Patients with Severe Intra-Right Atrial Conduction Delay Paced with Preventive Algorithms at the Interatrial Septum (IAS) versus Right Atrial Appendage (RAA)
Botto G. - Como, ITA **109/3**

12:00 ■ Prevention of Syncope Through Permanent Cardiac Pacing in Patients with Bifascicular Block and Unexplained Syncope: the PRESS Study
Santini M. - Rome, ITA **109/4**

■ Lunch

CRT

Program Chairs: D. Hayes -Rochester, USA -
G. Boriani - Bologna, ITA - P. Ritter - Bordeaux, FRA

11:00-12:30

Room 1.6 / Iris - Level 1 / Méditerranée

SESSION 110

CRT IMPLANTATION: ABANDONED OLD NEW IDEAS, AND POSSIBLE FUTURE APPROACHES

Co-Chair:

Kutalek S. P. - Philadelphia, USA / **Klein G. J.** - London, CAN

11:00 ■ BiV vs LV only vs Multiple LV Leads: How Many to Resynchronize?

Leclercq C. - Rennes, FRA 110/1

11:20 ■ Multipolar Leads: Are They Effective and Should They Become the Gold Standard?

Love C. - Columbus, USA 110/2

11:40 ■ LV Endocardial Pacing in 2014: Where Do We Stand?

Biffi M. - Bologna, ITA 110/3

12:00 ■ Robotic Approach: An Elegant Solution When Everything Else Has Failed

Ritter P. - Bordeaux, FRA 110/4

■ Lunch

LEAD MANAGEMENT

Program Chairs: MG. Bongiorni, ITA -
J.C. Deharo - Marseille, FRA

11:00-12:30

Room 3.1 / Clio - Level 3 / Les Muses

SESSION 111

LEAD EXTRACTION IN PRACTICE

Co-Chair:

Kennergren C. - Göteborg, SWE / **Klug D.** - Lille, FRA

11:00 ■ Lead Extraction in Patients with Recalled ICD Leads

Soldati E. - Pisa, ITA 111/1

11:15 ■ Who Are the High Risk Patients for Infection and How to Prevent It?

Lieberman R. - Detroit, USA 111/2

11:30 ■ Optimal Strategy to Treat and Reimplant an Infected Patient after Extraction?

Butter C. - Bernau, DEU 111/3

11:45 ■ CRT Patients, Who and How I Reimplant after Extraction?

Zucchelli G. - Pisa, ITA 111/4

12:15 ■ The Team Approach: Needs for Extraction and in Case of an Emergency

Defaye P. - Grenoble, FRA 111/5

■ Lunch

GERIATRIC CARDIOLOGY

ARRHYTHMIA MANAGEMENT IN OLDER PERSONS WITH A FOCUS ON CASE BASED DISCUSSION

Program Chairs: *Win K. Shen - Scottsdale, USA, Ronald E. Vlietstra - Lakeland, USA, Thomas T. Munger, Rochester, USA*

11:00-12:30

Room 3.2 / Thalie - Level 3 / Les Muses

SESSION 112

ATRIAL FIBRILLATION & STROKE PREVENTION: NEW TECHNIQUES, NEW TECHNOLOGY, NEW ANTICOAGULANTS & NEW DRUGS FOR THE ELDERLY

Co-Chair:

Gaita F. - Asti, ITA / **Shen W. K.** - Rochester, USA

11:00 ■ State of the Art Lecture: AF in the Elderly: 80 year-old vs. 60 year-old, Knowledge Gaps
Calkins H. - Baltimore, USA **112/1**

11:20 ■ Case 1: 84 yr W, HTN, diabetic, cr 2.3 in setting of PAF, what would you recommend for anticoagulation?
Le Heuzey J. - Paris, FRA **112/2**

11:40 ■ Case 2: 89 yr M, persistent AF, rapid ventricular rate, HTN, CHF and COPD: would you ablate the AVN, what pacemaker would you recommend?
Cha Y. - Rochester, USA **112/3**

12:00 ■ Case 3: 85 yr surgeon runs 3 miles a day and active, HTN on medical therapy, sinus bradycardia and symptomatic PAF, wants a cure: what would you recommend, ablation, anticoagulation?
Srivathsan K. - Scottsdale, Phoenix, USA **112/4**

■ Lunch

NONINVASIVE ELECTROCARDIOLOGY

ON BEHALF OF ISHNE - INTERNATIONAL SOCIETY FOR HOLTER AND NONINVASIVE ELECTROCARDIOLOGY

Program Chairs: *W. Zareba, USA, S. Dubner, ARG, A.J. Moss, USA*

11:00-12:30

Room 3.3 / Erato - Level 3 / Les Muses

SESSION 113

TELE-ELECTROCARDIOLOGY – WHERE TO USE IT?

Co-Chair:

Hombach V. - Ulm, DEU / **Ikeda T.** - Tokyo, JPN

11:00 ■ Cardiac Rehabilitation
Piotrowicz R. - Warsaw, POL **113/1**

11:20 ■ Silent AF Recurrences
Steinberg J. - New York, USA **113/2**

11:40 ■ New Methods of Monitoring Patients with Devices
Wranicz J. - Lodz, POL **113/3**

12:00 ■ Telemedicine in Arrhythmia Diagnosis and Management
Locati E. - Milano, ITA **113/4**

■ Lunch

CRT

11:00-12:30

Room 3.4 / Uranie - Level 3 / Les Muses

SESSION 114

UNUSUAL INDICATIONS FOR CARDIAC PACING – WHAT DO WE DO AND WHAT DO THE GUIDELINES SAY?

Co-Chair:

Brignole M. - Lavagna, ITA

Birgersdotter-Green U. - San Diego, USA

11:00 ■ Pacing in Hypertrophic Cardiomyopathy: When, Why and in Whom?

Mabo P. - Rennes, FRA 114/1

11:20 ■ Pacing after Aortic Valve Surgery: When to Consider Permanent Pacing?

Hogh Petersen H. - Copenhagen, DNK 114/2

11:40 ■ Pacing in Myocardial Infarction. Who to Pace and When?

Gorenek B. - Eskisehir, TUR 114/3

12:00 ■ Pacing in Rare Diseases

Elliot P. - London, GBR 114/4

■ Lunch

ABLATION TECHNIQUES

Program Chairs: M. Scheinman - San Francisco, USA,
F. Sacher - Bordeaux, FRA

11:00-12:30

Room 3.5 / Calliope - Level 3 / Les Muses

SESSION 115

VENTRICULAR TACHYARRHYTHMIAS (PART II)

Co-Chair:

Sacher F. - Bordeaux, FRA / **Hsia H.** - San Francisco, USA

11:00 ■ The Value of Endocardial Bipolar vs Unipolar Voltage Mapping to Detect Epicardial scar Related VT

Marchlinski F. - Philadelphia, USA 115/1

11:20 ■ The Role of Scar Dechannelling for Ablation of Scar Related VT

115/2

11:40 ■ VT Ablation in Patients with Continuous Flow Left Ventricular Assist Devices

Ellenbogen K. - Richmond, USA 115/3

12:00 ■ Ablation of VT Data from the German Ablation Registry

Brachmann J. - Coburg, DEU 115/4

■ Lunch

BASIC ELECTROPHYSIOLOGY

«TRANSLATIONAL ELECTROPHYSIOLOGY:
BRIDGING THE CHASM BETWEEN BASIC AND
CLINICAL SCIENCE»

Program Chair: D. Zipes - Indianapolis, USA

14:00-15:30

Room 2.1 / Hermes - Level 2 / Rhodes

SESSION 121

VENTRICULAR ARRHYTHMIAS

Co-Chair:

Trayanova N. A. - Baltimore, USA / **Halperin H.** - Baltimore, USA

14:00 ■ Imaging for Ablation
Dickfeld T. - Baltimore, USA 121/1

14:20 ■ Scanning Ion Conductance Microscopy: Help in Understanding Mechanisms
Gorelik J. - London, GBR 121/2

14:40 ■ Drug Interactions
Verrier R. - Boston, USA 121/3

15:00 ■ Ventricular Arrhythmias in Young People
Ackerman M. - Rochester, USA 121/4

15:20 ■ General Discussion
■ Break / Visit of Exhibits

AF MANAGEMENT

JOINT SESSION OF THE HEART AND HEALTH
FOUNDATION OF TURKEY

14:00-15:30

Room 2.3 / Athena - Level 2 / Rhodes

SESSION 122

NEW PERSPECTIVES IN THE EPIDEMIOLOGY AND STROKE RISK IN ATRIAL FIBRILLATION:INSIGHTS FROM TRAF

Co-Chair:

Oto A. - Ankara, TUR / **Camm A. J.** - London, GBR

14:00 ■ Information Science and Analysis of Large Scale Data Sets
Oto E. - Ankara, TUR 122/1

14:15 ■ Contemporary Roles of Registries in Clinical Cardiology: When Do We Need Randomized Trials?
Gale C. - TUR 122/2

14:30 ■ Challenging Epidemiology of Atrial Fibrillation: Results of Five Year Follow-Up of TRAF
Oto A. - Ankara, TUR 122/3

14:45 ■ Stroke Prevention in AF: Footsteps of a New Risk Score System
Camm A. - London, GBR 122/4

15:00 ■ Renal Failure Controversy: Effects on Stroke, Mortality, Anticoagulation...
Yavuz B. - TUR 122/5

15:15 ■ Effects of AF Ablation on Survival and AF Related Hospitalizations
Aytemeir K. - TUR 122/6

■ Break / Visit of Exhibits

FETAL CARDIOLOGY

Program Chair: M. Guirgis - Paris, FRA

14:00-15:30

Room 2.4 - Level 2 / Gallieni

SESSION 123

FETAL ARRHYTHMIAS I

Co-Chair:

Jaeggi E. - Toronto, CAN / **Ventriglia F.** - Rome, ITA

14:00 ■ Practical Approach to Diagnosis Fetal Tachyarrhythmias Mechanisms & tolerance
Hornberger L.K. - Toronto, CAN **123/1**

14:20 ■ DrugTransport across the Placenta
Guirgis M. - Paris, FRA **123/2**

14:40 ■ Treatment Strategies of Fetal Tachyarrhythmias in 2014
Hornberger L.K. - Toronto, CAN **123/3**

15:00 ■ New Insights into Long QT Syndrome from the Fetus
Cuneo B. - Colorado, USA **123/4**

■ Break / Visit of Exhibits

PEDIATRICS

Program Chairs: JB. Thambo - France -
Maltret, France -
C. McLeod, USA

14:00-15:30

Room 2.6 - Level 2 / Gallieni

SESSION 124

CATHETER ABLATION IN PEDIATRIC PATIENT AND ADULT WITH CONGENITAL HEART DEFECT

Co-Chair:

Maltret A. - Paris, FRA / **Sacher F.** - Bordeaux, FRA

14:00 ■ What Should an Adult EP Know about Pediatric Catheter Ablation
Abrams D. - Boston, USA **124/1**

14:15 ■ Catheter Ablation in Infants and Toddlers
Kirsh J. - Calgary, CAN **124/2**

14:30 ■ Atrial Tachycardia Ablation Late after Senning and Mustard Palliation
Lacotte J. - Massy, FRA **124/3**

14:45 ■ Energy Choice for SVT Ablation in Pediatric Patient
Blom N. - Leiden, DEU **124/4**

15:00 ■ European Guidelines for Catheter Ablation in Pediatric Patient: What's New?
Brugada G. - Barcelona, ESP **124/5**

■ Break / Visit of Exhibits

INDUSTRY SYMPOSIA

INDUSTRY SYMPOSIA

14:00-15:30

Room 1.1 - Level 1 / Méditerranée

SESSION 125

IMPROVING CLINICAL OUTCOMES WITH CARDIAC RESYNCHRONIZATION THERAPY

Co-Chair:

Hindricks G. - Leipzig, DEU / **Leclercq C.** - Rennes, FRA

14:00 ■ Home Monitoring: The Critical Link in Timely Management of Heart Failure. Results from IN-TIME
Hindricks G. - Leipzig, DEU 125/1

14:20 ■ Rate Control and Cardioversion: Still Indispensable?
Poole J. - Seattle, USA 125/2

14:40 ■ A-V Nodal Ablation and Atrial Fibrillation Ablation: Preconditions for the Best Outcome?
Sticherling C. - Basel, CHE 125/3

15:00 ■ Integrating Home Monitoring into the Clinic to Improve Outcomes and Reduce Workload
Sommer P. - Leipzig, DEU 125/4

■ Break / Visit of Exhibits

Session made possible thanks to an educational grant from **BIOTRONIK**

14:00-15:30

Room 1.2 - Level 1 / Méditerranée

SESSION 126

CARDIAC ARRHYTHMIAS: DIAGNOSIS AND PREVENTION

Co-Chair:

Deharo J. C. - Marseille, FRA / **Jung W.** - VS-Villingen, DEU

14:00 ■ Latest Technological Advances in Arrhythmia Diagnosis: A Miniaturized Insertable Cardiac Monitor
Meyer C. - Düsseldorf, DEU 126/1

14:20 ■ Learnings of the ISSUE III Study
Tomaino M. - Bolzano, ITA 126/2

14:40 ■ AF in Syncope Patients: Insights from the Insight XT Registry
Ungar A. - Florence, ITA 126/3

15:00 ■ Atrial Therapies Slow Progression of AF: Results of MINERVA
Pürerfellner H. - Linz, AUT 126/4

■ Break / Visit of Exhibits

Session made possible thanks to an educational grant from **MEDTRONIC**

AF MANAGEMENT

ON BEHALF OF ACAF - ADVANCES AND CONTROVERSIES IN ATRIAL FIBRILLATION

Program Chairs: G. V. Naccarelli - Hershey, USA,
J.J. Blanc - Brest, France, S. Lévy - Marseilles, France

ECG/EGM INTERPRETATION

Organized by STIMUPRAT Bordeaux Team

14:00-15:30

Room 1.3 - Level 1 / Méditerranée

SESSION 127 ATRIAL FIBRILLATION III

Co-Chair:

Capucci A. - Ancona, ITA / **Boriani G.** - Bologna, ITA

14:00 ■ Can Antiplatelet Drugs Be Safely Used in Patients Taking Anticoagulants?
Dorian P. - Toronto, CAN **127/1**

14:30 ■ Overview of Novel Anticoagulants Pivotal Trials (AF and Other Indications): Facts, Myths and Unanswered Questions?
Naccarelli G. - Hershey, USA **127/2**

15:00 ■ Dosing Guidelines of NOACS in the Elderly, Renal Insufficiency, Drug-Drug Interactions
Tamargo J. - Madrid, ESP **127/3**

■ Break / Visit of Exhibits

Unrestricted Educational Support: Boehringer Ingelheim

14:00-15:30

Room 1.4 - Level 1 / Méditerranée

SESSION 128 COMPREHENSIVE ICD AND PACEMAKER COURSE BY STIMUPRAT

Co-Chair:

Ellenbogen K. - Richmond, USA

Sadoul N. - Vandoeuvre Les Nancy, FRA

Based on device EGM presentations intended for intensive interaction with the audience.
Tracings from Medtronic devices.

14:00 ■ Comprehensive ICD and Pacemaker Course
Bordachar P. - Bordeaux, FRA **128/1**

14:00 ■ Comprehensive ICD and Pacemaker Course
Garrigue S. - Bordeaux, FRA **128/2**

14:00 ■ Comprehensive ICD and Pacemaker Course
Reuter S. - Bordeaux, FRA **128/3**

■ Break / Visit of Exhibits

JOINT SESSIONS

JOINT SESSION WITH EUROPEAN ASSOCIATION
FOR CARDIOVASCULAR PREVENTION &
REHABILITATION - EACPR

Program Chair: *H. Heibüchel - Leuven, BEL*

CRT

Program Chairs: *D. Hayes - Rochester, USA -
G. Boriani - Bologna, ITA - P. Ritter - Bordeaux, FRA*

14:00-15:30

Room 1.5 - Level 1 / Méditerranée

SESSION 129

SPORTS: THE GOOD AND THE BAD FOR THE ELECTRIC HEART

Co-Chair:

Mont L. - Barcelona, ESP / **Antz M.** - Oldenburg, DEU

14:00 ■ The Positive Effects of Physical Activity and
Rehabilitation, from Athletes to ICD Patients

Halle M. - Munich, DEU 129/1

14:20 ■ The Relation between Sports and Atrial
Fibrillation: Real, and Why?

Wilhelm M. - Bern, CHE 129/2

14:40 ■ Sports-Induced Bradycardia: from Mechanism to
Clinical Relevance

Boyett M. - Manchester, GBR 129/3

15:00 ■ Does Sports Lead to Arrhythmogenic
Ventricular Remodelling, and Why?

Heibüchel H. - Leuven, BEL 129/4

■ Break / Visit of Exhibits

14:00-15:30

Room 1.6 / Iris - Level 1 / Méditerranée

SESSION 130

HOW TO MINIMIZE THE NON RESPONDERS TO CRT?

Co-Chair:

Lubinski A. - Lodz, POL / **Lunati M.** - Milan, ITA

14:00 ■ Non Responders to CRT: What Definition? How
Many?

Singh J. - Boston, USA 130/1

14:20 ■ Left Bundle Branch Block or Wide QRS for
Candidacy to CRT?

Lunati M. - Milan, ITA 130/2

14:40 ■ The Role of Echo Techniques in Selecting
Candidates to CRT: Paradise Lost?

Delgado V. - Leiden, NLD 130/3

15:00 ■ The Role of MRI in Candidates Selection and
the Organizational Problems in Access to MRI

Leyva F. - Sutton Coldfield, GBR 130/4

■ Break / Visit of Exhibits

SYNCOPE

NEW ASPECTS IN VASO-VAGAL SYNCOPE

Program Chairs: R. Sutton - Monaco, MCO -
D. Benditt - Minneapolis, USA - M. Brignole - Lavagna, ITA -
J.J. Blanc - Brest, FRA, D. Flammang - Lyon, FRA

14:00-15:30

Room 3.1 / Clio - Level 3 / Les Muses

SESSION 131

CARDIOLOGY/NEUROLOGY AND SYNCOPE

Co-Chair:

Flammang D. - Lyon, FRA / **Benditt D. G.** - Minneapolis, USA

14:00 ■ Migraine and Syncope
Chelimsky T. - Milwaukee, USA **131/1**

14:15 ■ Syncope and Dysautonomia
Meissner W. - Bordeaux, FRA **131/2**

14:30 ■ Convulsive Syncope
Vercueil L. - Grenoble, FRA **131/3**

14:45 ■ Arrhythmogenic Epilepsy and Syncope
Fitzpatrick A. - Manchester, GBR **131/4**

15:00 ■ Why the ATP-Test Cannot Be Administered to Syncope Patients with Asthma or COPD?
Pelleg A. - Philadelphia, USA **131/5**

■ Break / Visit of Exhibits

GERIATRIC CARDIOLOGY

ARRHYTHMIA MANAGEMENT IN OLDER PERSONS WITH A FOCUS ON CASE BASED DISCUSSION

Program Chairs: Win K. Shen - Scottsdale, USA,
Ronald E. Vlietstra - Lakeland, USA,
Thomas T. Munger, Rochester, USA

14:00-15:30

Room 3.2 / Thalie - Level 3 / Les Muses

SESSION 132

PACEMAKER & ICD: WHAT ARE KNOWLEDGE GAPS?

Co-Chair:

Vlietstra R. E. - Lakeland, USA / **Gold M.** - Charleston, USA

14:00 ■ State of the Art Lecture: Pacemaker and ICD: Implantation, Withhold and Withdraw Therapy
Friedman P. - Rochester, USA **132/1**

14:20 ■ Case 1: 78 yr M, CAD, STEMI 3 days ago, EF 30%, new LBBB with intermittent Type II second degree AVB: what would you recommend, PM or ICD?
Kusumoto F. - Rochester, USA **132/2**

14:40 ■ Case 2: 82 yr W, independent, DCM, NYHA II, EF 25%, not PM dependent, PM at ERI: what would you recommend, replacement with PM, ICD, or CRT?
Scott L. - Scottsdale, Phoenix, USA **132/3**

15:00 ■ Case 3: 86 yr W, syncope x 1, EF 25%, sinus rhythm and RBBB on EKG, non-sustained VT up to 10 beats on Holter
Glikson M. - Tel Hashomer, ISR **132/4**

■ Break / Visit of Exhibits

NONINVASIVE ELECTROCARDIOLOGY

ON BEHALF OF ISHNE - INTERNATIONAL
SOCIETY FOR HOLTER AND NONINVASIVE
ELECTROCARDIOLOGY

Program Chairs: *W. Zareba, USA, S. Dubner, ARG,
A.J. Moss, USA*

14:00-15:30

Room 3.3 / Erato - Level 3 / Les Muses

SESSION 133

PREDICTING AND AVOIDING VT/VF

Co-Chair:

Steinberg J. - New York, USA / **Haigney M.** - Bethesda, USA

14:00 ■ Predicting ICD-Treated VT/VF
Zareba W. - Rochester, USA **133/1**

14:30 ■ Reducing Inappropriate Therapy Due to AF by
Improved Device Programming
Moss A. - Rochester, USA **133/3**

14:45 ■ Inappropriately Treated VT/VF
Klein H. - Munich, DEU **133/4**

15:00 ■ Unnecessary Treated VT/VF in ICD Patients
Schuger C. - Detroit, USA **133/5**

■ Break / Visit of Exhibits

LEAD MANAGEMENT

EHRA (ELECTRa REGISTRY)

14:00-15:30

Room 3.4 / Uranie - Level 3 / Les Muses

SESSION 134

TRANSVENOUS LEAD EXTRACTION: A GROWING CHALLENGE ACROSS EUROPE

Co-Chair:

Blomström-Lundqvist C. - Stockholm, SWE

Auricchio A. - Lugano, CHE

14:00 ■ Transvenous Lead Extraction: An Emergent
Activity in Modern Arrhythmology
Klug D. - Lille, FRA **134/1**

14:20 ■ Overview on Surveys and Registries in
Transvenous Lead Extraction
Maggioni A. - Florence, ITA **134/2**

14:40 ■ What's New in ELECTRa Registry: History, Study
Design, Participation and Expectations
Bongiorni M. - Pisa, ITA **134/3**

15:00 ■ A European Proposal for an International
Registry on Transvenous Lead Extraction
Kennergren C. - Göteborg, SWE **134/4**

■ Break / Visit of Exhibits

ABLATION TECHNIQUES

Program Chairs: *M. Scheinman - San Francisco, USA,*
F. Sacher - Bordeaux, FRA

14:00-15:30

Room 3.5 / Calliope - Level 3 / Les Muses

SESSION 135

VENTRICULAR TACHYARRHYTHMIAS (PART III)

Co-Chair:

Wissner E. - Hamburg, DEU / **Zeppenfeld K.** - Leiden, NLD

14:00 ■ Results of Radiofrequency Ablation of VT in Patients with Sarcoid

Naruse Y. - Tsukuba, JPN **135/1**

14:15 ■ Unusual Sites of PVC or VT Ablation (Papillary Muscle, Moderator Band or Anterior Interventricular Vein)

Callans D. - Philadelphia, USA **135/2**

14:30 ■ Diagnostic Features and Ablation of VT from the Cardiac Crux

Badhwar N. - San Francisco, USA **135/3**

14:45 ■ Techniques and Results of Epicardial Ablation for Non-Ischemic VT

Hsia H. - San Francisco, USA **135/4**

15:00 ■ Results of VT Ablation using LAVA Elimination as End Point

Jaïs P. - Bordeaux, FRA **135/5**

■ Break / Visit of Exhibits

NONINVASIVE

ELECTROCARDIOLOGY, ICDs, CRT, ABLATION TECHNIQUES

Posters must remain on display from 14:00 to 17:30,
but during the break your presence is required
beside your poster

14:00-17:30

Poster Area - Level 3 / Agora 3

SESSION 136P

NONINVASIVE ELECTROCARDIOLOGY

■ Corticosteroids Can Be One of the Triggering Factors in Ventricular Fibrillation in J Wave Syndromes

Sakamoto N., Sato N., Goto M., Aita M., Sugiyama E., Minoshima A., Tanabe Y., Takehara N., Takeuchi T., Kawamura Y., Hasebe N. - Asahikawa, JPN **136P/1**

■ Late Gadolinium Enhancement as a Predictor for Ventricular Tachyarrhythmic Events in Patients with Hypertrophic Cardiomyopathy

Seung-Jung P., Sung-Ho L., Young Keun O., June H., June Soo K. - Seoul, KOR **136P/2**

■ Heart Rate Turbulence for Predicting New-Onset Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting

Seung-Jung P., Sung-Ho L., Young Keun O., June Soo K., Dong Seop J., Young Tak L. - Seoul, KOR **136P/3**

■ Renewed Impact of Lidocaine on Refractory Ventricular Arrhythmias in the Amiodarone Era

Yoshie K., Tomita T., Takeuchi T., Okada A., Ebisawa S., Miura T., Motoki H., Shiba Y., Izawa A., Miyashita Y., Koyama J., Ikeda U. - Matsumoto, JPN **136P/4**

■ Evolution of Fragmented QRS in Patients with Acute Coronary Syndrome Treated Invasively

Mitrega K., Cebula S., Sredniawa B., Leopold-Jadczyk A., Musialik-Lydka A., Kalarus Z. - Zabrze, POL **136P/5**

■ Temporal Profile of Sudden Cardiac Death Following STemi with and without LV Dysfunction

Chitnis N., Korabathina R., **Rao B H.** - Hyderabad, IND **136P/6**

■ Deceleration Capacity of Heart Rate: Improvement of the Algorithm. Risk Stratification for Serious Arrhythmic Events

Arsenos P., Gatzoulis K., Dilaveris P., Gialernios T., Maggas N., Papanikolaou A., Sarri G., Galanakis S., Pylarinou V., Stefanadis C. - Athens, GRC **136P/7**

**NONINVASIVE ELECTROCARDIOLOGY, ICDs,
CRT, ABLATION TECHNIQUES**

Posters must remain on display from 14:00 to 17:30,
but during the break your presence is required
beside your poster

14:00-17:30

Poster Area - Level 3 / Agora 3

■ **Decreased Deceleration Capacity and Decreased Heart Rate Dynamics Predict Total Mortality in Heart Failure Patients**

Arsenos P., Gatzoulis K., Gialernios T., Dilaveris P., Trahanas K., Mendrinou D., Tsiachris D., Georgiopoulos G., Mytas D., Stefanadis C. - *Athens, GRC*

136P/8

■ **Rivaroxaban Has the Possibility of the Anti-Coagulant Effect through Thrombomodulin in Addition to Anti-Xa Action**

Kobayashi Y., Ochi A., Inokuchi K., Chiba Y., Kawasaki S., Onishi Y., Munetsugu Y., Onuma Y., Kikuchi M., Onuki Y., Ito H., Miyoshi F., Watanabe N., Minoura Y., Adachi T., Asano T., Tanno K. - *Tokyo, JPN*

136P/9

■ **Left Atrial Appendage Thrombus Incidence Comparison during Pre-Procedural Transesophageal Echocardiogram for Atrial Fibrillation Radiofrequency Ablation for Use of Dabigatran, Rivaroxaban, and Warfarin**

Chun M., Cho S., Hu B., Gould M., Lukash L., Narayan G. - *Palo Alto, USA*

136P/10

■ **Holter-Based Parameters as a Predictors of Electric Storm in Patients with the Remote Myocardial Infarction, with ICD Implanted as a Primary or Secondary Prevention**

Szydło K., Filipecki A., Orszulak W., Kwasniewski W., Urbanczyk D., Mizia-Steć K. - *Katowice, POL*

136P/11

■ **Prevalence and Prognosis Role of Wide QRS and of QRS Narrower than Normal**

Maury P., Lematte E., Ruidavet J., Rollin A., Duparc A., Mondoly P., Cardin C., Sadron M., Delay M., Ferrieres J. - *Toulouse, FRA*

136P/12

■ **Fragmented QRS Complexes in Adult Patients with Repaired Tetralogy of Fallot: Morphological and Rhythm Correlations**

Lebreiro A., Cruz C., Pinho T., Madureira A., Ramos I., Maciel M. - *Porto, PRT*

136P/13

ICDs

■ **Wearable Cardioverter Defibrillator in Patients with High Risk for Life-Threatening Cardiac Arrhythmias**

Sinha A., Nickol E., Wystrach A. - *Hof, DEU*

136P/14

■ **The Diagnostic Accuracy of Commercially Available Automated External Defibrillators**

Nishiyama T., Kashimura S., Katsumata Y., Kimura T., **Nishiyama N.**, Aizawa Y., Tanimoto Y., Mitamura H., Fukuda K., Takatsuki S. - *Tokyo, JPN*

136P/15

■ **Clinical Experience with the Life-Vest Wearable Defibrillator**

Dabiri Abkenari L., Van Malderen S., Theuns D., Szili-Torok T. - *Rotterdam, NLD*

136P/16

■ **Long-Term Use of the Wearable Cardioverter Defibrillator in ICD Explant Patients**

Bianco N., Szymkiewicz S. - *Pittsburgh, USA*

136P/17

■ **Safety and Effectiveness of Subcutaneous Defibrillator Implant under Conscious Sedation with Remifentanyl**

Caravati F., Bianchi M., Zuffada F., Cremona V., De Ponti R., Salerno-Uriarte J. - *Varese, ITA*

136P/18

■ **The Wearable Cardioverter Defibrillator (WCD): A Sparkling Light in the Temporary Black Box before ICD Implantation**

Mijic D., Karosiene Z., Bogossian H., Lemke B., Zarse M. - *Luedenscheid, DEU*

136P/19

■ **Combined Analysis of Subcutaneous ICD Outcomes in Hypertrophic Cardiomyopathy Patients from the Effortless Registry & IDE Study**

Lambiase P., Hood M., Boersma L., Theuns D., Burke M., Weiss R., Russo A., Kaab S., Gold M., Knight B. - *London, GBR*

136P/20

■ **Sensing of the Subcutaneous Implantable Cardioverter Defibrillator in Brugada Syndrome Patients with a Type 1 Brugada ECG**

Olde Nordkamp L., Rosenmüller B., Tan H., De Groot J., Wilde A., Knops R. - *Amsterdam, NLD*

136P/21

NONINVASIVE ELECTROCARDIOLOGY, ICDs, CRT, ABLATION TECHNIQUES

Posters must remain on display from 14:00 to 17:30,
but during the break your presence is required
beside your poster

14:00-17:30

Poster Area - Level 3 / Agora 3

■ Quality of Life in Patients with a Subcutaneous Implantable Defibrillator Does Not Differ from Patients with a Transvenous System: Early Results from the Quality of Life Sub-Study of the Effortless S-ICD Registry

Pedersen S., Mastebroek M., Carter N., Barr C., Neuzil P., Scholten M., Lambiasi P., Boersma L., Johansen J., Theuns D. - *Odense M, DNK*

136P/22

■ Initial Clinical Experience of Subcutaneous Implantable Cardioverter Defibrillator in Patients with Renal Insufficiency Requiring Haemodialysis

Kloppe A., Prull M., Schiedat F., Mýller P., Siekiera M., Shin D., Meyer C., O'Connor S., Mýgge A., Winter J. - *Bochum, DEU*

136P/23

■ Incidence and Efficacy of Shocks with the S-ICD: Pooled Long-Term Results from the IDE and Effortless Studies

Gold M., Neuzil P., Scholten M., Lambiasi P., Hood M., Rashtian M., Knight B., Theuns D. - *Charleston, USA*

136P/24

■ Potential Eligibility of Congenital Heart Disease Patients for Subcutaneous Implantable Cardioverter Defibrillator Based on Surface ECG Mapping

Zeb M., Roberts P., Wilson D., Yue A., Morgan J. - *Southampton, GBR*

136P/25

■ Sensitivity and Specificity of the Subcutaneous Implantable Cardioverter Defibrillator Pre-Implant Screening Tool

Zeb M., Allavatam V., Yue A., Roberts P., Morgan J. - *Southampton, GBR*

136P/26

CRT

■ Vectorcardiographic Parameters as Novel Predictors of Response to Cardiac Resynchronization Therapy

Van Deursen C., Vernooij K., Dudink E., Bergfeldt L., Crijns H., Prinzen F., Wecke L. - *Maastricht, NLD*

136P/27

■ Left Ventricular Remodeling Is the Main Factor Related to hs-CRP Levels after Cardiac Resynchronization Therapy

Matia R., Hernandez Madrid A., Carrizo L., Lumia G., Rey J., Moro C., Zamorano J. - *Madrid, ESP*

136P/28

■ Does the Possibility of Left Ventricular Pacing Configuration Improve Cardiac Hemodynamic Effect in Patients with Cardiac Resynchronization Therapy?

Urbanek B., Chudzik M., Wranicz J. - *Lodz, POL*

136P/29

■ Assessing Acute Response to Biventricular Pacing: Non-Invasive Cardiac Monitoring Correlates with Invasive Pressures but Does Not Detect Response

Gamble J., Jones M., Ginks M., Rajappan K., Bashir Y., Betts T. - *Oxford, GBR*

136P/30

■ Role of Impedance Cardiography in Predicting Clinical Near-Term Outcomes of Patients with Cardiac Resynchronization Therapy

Martinelli M., Peixoto G., Siqueira S., Nishioka S., Teixeira R., Lensi M., Trindade R., Pedrosa A., Costa R. - *Sco Paulo, BRA*

136P/31

■ True Left Bundle Branch Block in Conjunction with Mechanical Contraction Pattern Predicts Reverse Remodeling after Cardiac Resynchronization Therapy

Jackson T., Sohal M., Child N., Chen Z., Sammut E., Behar J., Claridge S., Carr-White G., Razavi R., Rinaldi C. - *London, GBR*

136P/32

■ Long-Term Follow-Up of Biventricular Pacing Using a Totally Endocardial Approach. Single Center Experience

De Filippo P., Ferrari P., Giofre' F., Brambilla R., Senni M. - *Bergamo, ITA*

136P/33

■ Transeptal Endocardial Biventricular Pacing Reduces Transmural Dispersion of Repolarisation

...zcan E., Szilagyi S., Sallo Z., Molnar L., Endre Z., Szeplaki G., Osztheimer I., ...ztYrk A., Merkely B., Geller L. - *Izmir, TUR*

136P/34

■ Sheathless Left Ventricular Lead Delivery: Balloon Anchoring to Exchange an LV Lead

Furniss G., Jimenez A., Harding S. - *Wellington, NZL*

136P/35

■ Sensor-Based Electromagnetic Navigation to Facilitate CRT Implantation

D_ring M., Sommer P., Rolf S., Piorkowski C., Hindricks G., Richter S. - *Leipzig, DEU*

136P/36

**NONINVASIVE ELECTROCARDIOLOGY, ICDs,
CRT, ABLATION TECHNIQUES**

Posters must remain on display from 14:00 to 17:30,
but during the break your presence is required
beside your poster

14:00-17:30

Poster Area - Level 3 / Agora 3

■ **CRT Devices Implant Using Non-Fluoroscopic Navigation System**

Del Greco M., Colella A., Marini M., Zecchin M., Mureddu R., Allocca G., Marenga B., Rossi P., Vaccari D., Maines M., Angheben C., Di Matteo I., Indiani S. - *Rovereto, ITA* **136P/37**

■ **Mini-Invasive Robotic Surgical Implantation of Left Ventricular Leads for CRT: A New Alternative to Conventional Approach Failure?**

Amraoui S., Ritter P., Labrousse L., Jansens J., Ploux S., Zemmoura A., Haissaguerre M., Bordachar P. - *Pessac, FRA* **136P/38**

■ **Novel Use of Fluoroscopy to Measure Strain Amplitude of Epicardial Left Ventricular Contraction**

Choudhuri I., Rahman M., Belohlavek M., Whitman T., Costa A., Zarkh M., Shmayahu Y., Hare J., Krum D., Sra J. - *Milwaukee, USA* **136P/39**

■ **What Happens to Non-Responders in Cardiac Resynchronization Therapy?**

Rio P., Martins Oliveira M., Silva Cunha P., Nogueira Da Silva M., Moura Branco L., Galrinho A., Abreu J., Feliciano J., Viveiros Monteiro A., Pinto Teixeira P., Pimenta R., Delgado A., Cruz Ferreira R. - *Lisboa, PRT* **136P/40**

■ **Wall Motion Analysis in CRT Non-Responders**

Krause K., Klemm H., Jaquet K., Hindemith F., Kuck K. - *Hanburg, DEU* **136P/41**

■ **Temporary Ineffective Biventricular Pacing Despite Apparent Maximal Delivery of Cardiac Resynchronization Therapy**

Simeonidou E., Ntai K., Voumvourakis A., Parissis J., Filippatos G., Anastasiou-Nana M. - *Chaidari, Athens, GRC* **136P/42**

■ **Prolonged Electrical Latency during LV Pacing: Extent and Magnitude in the CRT Population**

Caico S., D'Onofrio A., Bianchi V., Padeletti L., Accogli M., Pepi P., De Simone A., Palmisano P., Spotti A., Del Greco M., Orsida D., Malacrida M., Stabile G. - *Gallarate (va), ITA* **136P/43**

■ **Feasibility and Safety of Implanting a Second Left Ventricular Lead in CRT Non-Responders**

Lederq C., Gras D., Babuty D., Defaye P., Delay M., Boveda S., Anselme F., Klug D., Piot O., Sadoul N., Bordachar P. - *Rennes, FRA* **136P/44**

ABLATION TECHNIQUES1

■ **Estimation of the Left Atrial Appendage by Phased Array Intracardiac ECHO from the Pulmonary Artery in Patients with Atrial Fibrillation**

Nishiyama T., Kashimura S., Katsumata Y., Kimura T., **Nishiyama N.**, Aizawa Y., Tanimoto Y., Fukuda K., Takatsuki S. - *Tokyo, JPN* **136P/45**

■ **Concomitant Atrial Fibrillation Ablation and Left Atrial Appendage Occlusion**

Baldinger S., Weretka S., Shakir S., Schmid M., Roten L., Seiler J., Noti F., Servatius H., Medeiros-Domingo A., Fuhrer J., Meier B., Tanner H. - *Bern, CHE* **136P/46**

■ **Decennial Analysis of Interventional Left Atrial Appendage Closure**

Schmidt B., Bordignon S., Fuernkranz A., Perotta L., Dugo D., Chun K. - *Frankfurt, DEU* **136P/47**

■ **WATCHMAN LAAC: Warfarin Cessation Rates after Left Atrial Appendage Closure**

Reddy V., Doshi S., Kar S., Huber K., Sievert H., Gibson D., Holmes D. - *New York, USA* **136P/48**

■ **New Oral Anticoagulants versus Phenprocoumon during Atrial Fibrillation Ablation: Safety and Efficacy**

Brunelli M., Raffa S., Große A., Frommhold M., Hanazawa K., Blei T., Borisov G., Ehrhardt K., Kruspe M., Madaffari A., Raffa K., Schwarzer D., Geller C. - *Bad Berka, DEU* **136P/49**

■ **Exchanging Catheters over a Single Transseptal Sheath during Left Atrial Ablation Is Associated with a Higher Risk for Silent Cerebral Lesions**

Müller P., Nentwich K., Krug J., Schade A., Schmitt R., Mÿgge A., Deneke T. - *Bad Neustadt An Der Saale, DEU* **136P/50**

■ **Can Sheath Infusion during Atrial Fibrillation Ablation Prevent New Silent Cerebral Lesions?**

Watanabe N., Ochi A., Kawasaki S., Oonishi Y., Munetsugu Y., Kikuchi M., Onuki T., Minoura Y., Adachi T., Asano T., Tanno K., Kobayashi Y. - *Tokyo, JPN* **136P/51**

NONINVASIVE ELECTROCARDIOLOGY, ICDs, CRT, ABLATION TECHNIQUES

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14:00-17:30

Poster Area - Level 3 / Agora 3

■ Silent Cerebral Lesions after Pulmonary Vein

Isolation with nMARQ[®]

Di Clemente F., Caponi D., Anselmino M., Blandino A., Ferraris F., Di Donna P., Raimondo C., Ebrille E., Halimi F., Leclercq J., Iunco C., Vaudagna C., Cesarani F., Gaita F., Scaglione M. - *Asti, ITA* **136P/52**

■ Left Atrial Thrombus in Chads2=0 Score

Patients with Atrial Fibrillation / Flutter Undergoing Electrophysiology Testing and Ablation

Pop D., Cismaru G., Braicu A., Marginean T., Rosu R., Muresan L., Puiu M., Andronache M., Gusetu G., Puie P., Laslo I., Zdrenghea D. - *Cluj-Napoca, ROM* **136P/53**

■ Relationship between Left Atrial Volume Index and Left Atrial Appendage Thrombus According to Cha2ds2-Vasc Score in Patients with Nonvalvular Atrial Fibrillation under Lower Intensity of Anticoagulation

Harada T., Yamada M., Takagi Y., Takano M., Nakano E., Takimura Y., Yoneyama K., Nishio S., Furukawa T., Miyazaki H., Suzuki K., Akashi Y. - *Kawasaki, JPN* **136P/54**

■ Cerebral Microembolization during Atrial Fibrillation Ablation: Comparison of Different Single-Shot Ablation Techniques

Kiss A., Nagy-Bal— E., fdes I., Csan+di Z. - *Debrecen, HUN* **136P/55**

■ Who Will Discontinue an Oral Anticoagulant after AF Ablation

Murakawa Y., Nogami A., Shoda M., Inoue K., Naito S., Miyachi Y., Yamane T., Kumagai K., Morita N., Okumura K. - *Kawasaki, JPN* **136P/56**

■ Rivaroxaban in Patients Undergoing Catheter Ablation for Atrial Fibrillation

Bastian D., Richter P., Schwab J., Brinker-Paschke A., Kirste W., Doering R., Boessenecker A., Karakurt Z., Pauschinger M., Goehl K. - *Nuernberg, DEU* **136P/57**

■ Do Chads2, Cha2ds2-Vasc or Has-Bled Scores Predict Bleeding Complications and Thromboembolic Events after Catheter Ablation of Atrial Fibrillation?

Etsuko Ikeda E., Kenichi Kaseno K., Naoki Amaya N., Kentaro Ishida K., Kenichiro Arakawa K., Hiroyasu Uzui H., Kohki Nakmaura K., Shigeto Naito S., Hiroshi Tada H. - *Fukui, JPN* **136P/58**

ABLATION TECHNIQUES2

■ Double Circular Antral Ablation Line to Improve Outcomes of Atrial Fibrillation Ablation

Acosta H., Lina M Viafara L., **Byron Acosta B.**, David Izquierdo D., Shravya Pothula S., Julie Bear J., Toni Gau T., Jennifer Moore J., **Steven Acosta S.**, Corrie Waller C., Ishan Dahal I., Robert Johnson R., Michelle C Salazar M., Allison Fullenkamp A. - *Moline, USA* **136P/59**

■ Recurrence of Paroxysmal Atrial Fibrillation after Pulmonary Vein Isolation (PVI): Is Repeat PVI Enough? A Prospective, Randomized Trial

Fichtner S., Sparr K., Reents T., Ammar S., Semmler V., Dillier R., Buiatti A., Kathan S., Hessling G., Deisenhofer I. - *Munich, DEU* **136P/60**

■ Impact of Low-Voltage Area on the Acute Outcome of Persistent Atrial Fibrillation Ablation

Ammar S., Tatzber A., Buiatti A., Dillier R., Semmler V., Bourier F., Grebmer C., Hessling G., Reents T., Deisenhofer I. - *Munich, DEU* **136P/61**

■ Ablation of Persistent Atrial Fibrillation before 40 Years of Age

Jesel L., Derval N., Lim H., Zellerhoff S., Lapierre A., Denis A., Sacher F., Komatsu Y., Daly M., Jais P., Hocini M., Haissaguerre M. - *Strasbourg, FRA* **136P/62**

■ Improvement of Mitral Regurgitation after Catheter Ablation for Atrial Fibrillation

Toyoshima Y., Inoue K., Tanaka K., Oka T., Tanaka N., Sotomi Y., Nozato Y., Iwakura K., Fujii K. - *Osaka, JPN* **136P/63**

■ Catheter Ablation of Regular Atrial Tachycardias Occurring after Surgical Treatment of Atrial Fibrillation

Krausov† R., Wichterle D., Peichl P., Kautzner J., Pirk J. - *Prague, CZE* **136P/64**

■ Catheter Ablation of Primary Persistent Atrial Fibrillation Has a Worse Outcome than Those of Persistent Atrial Fibrillation that Has Secondary Progressed from Paroxysmal Atrial Fibrillation

Konrad T., Quesada Ocete B., Sonnenschein S., Mollnau H., Bock K., K_mpfner K., Gerhardt G., Himmrich H., MÝnznel M., Theis T., Rostock R. - *Mainz, DEU* **136P/65**

**NONINVASIVE ELECTROCARDIOLOGY, ICDs,
CRT, ABLATION TECHNIQUES**

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14:00-17:30

Poster Area - Level 3 / Agora 3

■ Efficacy of a Single Hybrid Ablation Procedure in Patients with Long Standing Persisting Atrial Fibrillation and Severe Atrial Enlargement in Comparison to a Standard Endocardial Approach: Two Years Results
Pajitnev D., Neumann T., Greiss H., Zaltsberg S., Akkaya E., Deubner N., Berkowitsch A., Sperzel J., Schoenburg M., Szalay Z., Walther T., Hamm C., Kuniss M. - *Bad Nauheim, DEU* **136P/66**

■ Myocardial Lesion Size after Epicardial Linear Electroporation Ablation
Neven K., Van Driel V., Van Wessel H., Van Es R., Doevendans P., Wittkamp F. - *Utrecht, NLD* **136P/67**

■ Atrial Flow Dynamics as a Determinant of Tissue Temperature during Balloon Cryoablation for Atrial Fibrillation
Ghosh J., Mcguire M. - *Sydney, AUS* **136P/68**

■ Significant Tissue Expansion Occurs after a Single RF Ablation Lesion: Direct Visualization of Acute Swelling Using an Intra-Tissue Visualization & Ablation System
Wright M., Harks E., Belt H., Zuo F., Brink R., Stoffregen W., Rankin D., Cockayne D., Cefalu J., Haines D. - *London, GBR* **136P/69**

■ Cardiac Magnetic Resonance Prediction of Atrial Endocardial Voltage Following Left Atrial Catheter Ablation
Harrison J., Sohns C., Linton N., Karim R., Williams S., Chubb H., Rhode K., Gill J., Cooklin M., Rinaldi A., Wright M., Schaeffter T., Razavi R., O'Neill M. - *London, GBR* **136P/70**

■ Can Late Gadolinium Enhancement Cardiac Magnetic Resonance Reliably Predict Gaps in Atrial Ablation Lesions?
Harrison J., Sohns C., Linton N., Karim R., Williams S., Chubb H., Rhode K., Gill J., Cooklin M., Rinaldi A., Wright M., Schaeffter T., Razavi R., O'Neill M. - *London, GBR* **136P/71**

■ An Analysis of the Spatial Distribution of Left Atrial Structural Remodeling in Patients with Atrial Fibrillation
Higuchi K., Gardner G., Morris A., Cates J., Kholmovski E., Macleod S., Marrouche N. - *Kanagawa, JPN* **136P/72**

■ Comparison of the Degree of Pulmonary Vein Stenosis after Radiofrequency and Electroporation Ablation
Neven K., Van Driel V., Van Wessel H., Du Pr_ B., Doevendans P., Wittkamp F. - *Utrecht, NLD* **136P/73**

■ MRI Characterization of Cryoballoon Ablation Lesions: Predicting Recurrences after Pulmonary Vein Isolation
Cabanas P., Bisbal F., Gomez Pulido F., Guiu E., Calvo M., Berruezo A., Prat S., Perea R., Brugada J., Mont L. - *Barcelona, ESP* **136P/74**

■ Radionuclide Imaging with Tc-99m MIB of the Right Atrial Isthmus Area: A Non-Invasive Assessment of Previous Catheter Ablation
Menichetti F., Mantziari L., Leventopolos G., Ben-Haim S., Bomanji J., Ernst S. - *London, GBR* **136P/75**

■ Combined 3D and Simultaneous Dual-Radionuclide Imaging with Tc-99m MIB and I-123 Mibg for Catheter Ablation of Ventricular Arrhythmias _ Initial Experience
Menichetti F., Mantziari L., Leventopolos G., Suman Horduna I., Ben-Haim S., Bomanji J., Ernst S. - *London, GBR* **136P/76**

■ Using Microwave Technology Makes It Possible to Accurately Assess Burn Depth in an in Vitro Model
Laurent G., Brusson M., Rossignol J., Binczak S. - *Dijon, FRA* **136P/77**

■ A Comparison of Conventional versus Electrical Coupling Index-Guided PV Isolation Ablation
Jones M., Hayes C., Webster D., Rajappan K., Bashir Y., Betts T. - *Headington, GBR* **136P/78**

■ Does a Greater Contact FORCE Create More Scar? A Quantification of the Relationship between Late Gadolinium Enhancement on Cardiac MR Imaging and Catheter Contact on AF Ablation
Chubb H., Williams S., Harrison J., Sohns C., Schaeffter T., Wright M., Razavi R., O'Neill M. - *London, GBR* **136P/79**

NONINVASIVE ELECTROCARDIOLOGY, ICDs, CRT, ABLATION TECHNIQUES

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Poster Area - Level 3 / Agora 3

■ Strong Correlation between RF Biophysics,
Contact Assessment, and Lesion Quality in a Temperature-
Controlled Multielectrode Ablation System

Hocini M., Kirchof N., Condie C., Stewart S. - *Pessac, FRA*

136P/80

■ Three-Dimensional Printing of Left Atrial
Anatomical Models for Procedural Planning and Guidance
during Cryoballoon Pulmonary Vein Isolation

Wu M., Makaryus J., Makaryus A., Patel A., Goldner B.,
Slotwiner D. - *Manhasset, USA*

136P/81

■ The Benefit of Monitoring Tissue Contact
during Ablation of Typical Atrial Flutter - A Prospective
Randomised Control Trial

Jones M., Hayes C., Webster D., Rajappan K., Bashir Y., Betts T.
- *Headington, GBR*

136P/82

■ Visitag Gap Characteristics after Acute
Pulmonary Vein Isolation

Barman P., Davies E., Tomlinson D. - *Plymouth, GBR*

136P/83

■ Success Rate and Safety of the Catheter-Probing
Technique Using Intracardiac Ultrasound Catheter as the
Probing Catheter for the Second Transseptal Access for
Atrial Fibrillation Ablation

Chun M., Cho S., Hu B., Gould M., Lukash L., Narayan G. -
Palo Alto, USA

136P/84

■ Mid-Term Impact of Contact FORCE on
Procedural Success of Paroxysmal Atrial Fibrillation
Ablation

Providência R., Marijon E., Combes S., Bouzeman A.,
Jourda F., Khoueiry Z., Cardin C., Combes N., Boveda S.,
Albenque J. - *Toulouse, FRA*

136P/85

■ Long-Term Results Following Catheter Ablation
Using the Hansen Medical Sensei System in Patients with
Atrial Fibrillation

Hoening S., Lambert T., Blessberger H., Kypka A., Saleh K.,
Steinwender C. - *Linz, AUT*

136P/86

■ Relation between Catheter Tip Protrusion from
the Left Atrium and Contact FORCE

Watanabe I., Okumura Y., Hirayama A. - *Tokyo, JPN*

136P/87

■ Comparizon of Contact Foece, Unipolar
Electrogram and 3D Ablation Point Location

Watanabe I., Okumura Y., Iso K., Hirayama A. - *Tokyo, JPN*

136P/88

■ End

NONINVASIVE ELECTROCARDIOLOGY

The author's presence is required to present
their poster from 15:30 to 16:00
Posters must remain on display from 14:30 to 17:00

15:30-16:00

Poster Area Les Muses - Level 3 / Les Muses

SESSION 137PW

ATRIAL FIBRILLATION/BRUGADA SYNDROME

Co-Chair:

Piotrowicz R. - Warsaw, POL / **Couderc J.P.** - Rochester, USA

15:30 ■ The LAA Morphology and Decreased Flow Velocity of Left Atrial Appendage Are Strong Predictors of Stroke in Nonvalvular Atrial Fibrillation

Lee J., Uhm J., Kim J., Sung J., Pak H., **Lee M.**, Joung B. - Seoul, KOR **137PW/1**

15:35 ■ New Atrial Fibrillation during Hospitalization for Acute Coronary Syndrome and the 30-Day Mortality

Poci D., Hartford M., Karlsson T., Caidahl K., Edvardsson N. - ...rebro, SWE **137PW/2**

15:40 ■ Long-Term All-Cause Mortality and Morbidity in 9 519 Patients Hospitalized with Incident Atrial Fibrillation without Co-Morbidities

Poci D., Andersson T., Magnusson A., Bryngelsson I., Fr_ bert O., Henriksson K., Edvardsson N. - ...rebro, SWE **137PW/3**

15:45 ■ Computed Tomography Evaluation of Left Atrial Volume in Patients with and without Atrial Fibrillation: Towards a Better Understanding of Anatomical Remodeling

Brunelli M., Raffa S., Gro_ se A., Lindemann C., Koji Hanazawa K., Frommhold M., Madaffari A., Geller C. - Bad Berka, DEU **137PW/4**

15:50 ■ Atrial Fibrillation as a Marker of Clinical Severity in Brugada Syndrome

Arbelo E., Cabanelas N., Berne P., Cipolleta L., Benito E., Trucco M., Mont L., Brugada J. - Barcelona, ESP **137PW/5**

15:55 ■ Efficacy and Safety of Dabigatran versus Warfarin in Patients with Persistent and Long-Acting Atrial Fibrillation Undergoing Electrical Cardioversion

Kalejs O., Litunen O., Strelnieks A., Sakne S., Dormidontova G., Vikmane M., Kovalova M., Vinkalne I., Pupkevica I., Lejniece A. - Riga, LVA **137PW/6**

■ Break / Visit of Exhibits

DEVICES

The author's presence is required to present
their poster from 15:30 to 16:00
Posters must remain on display from 14:30 to 17:00

15:30-16:00

Poster Area - Level 3 / Agora 3

SESSION 138PW

LONG-TERM FOLLOW-UP OF PATIENTS IMPLANTED WITH PMS AND ICDS

Co-Chair:

Rafa S. - Alexandria, EGY / **Locati E.** - Milano, ITA

■ The Natural History of Atrial Fibrillation Progression in Heart Failure: Insights from the Impact Study

Akar J., Waldo A., Lip G., Bersohn M., Martin D., Choucair W., Wathen M., Miller C., Ip J., Halperin J. - New Haven, USA **138PW/1**

■ Antitachycardia Pacing Therapies Reduce Atrial Fibrillation Related Healthcare Utilization in Bradycardia Patients. Secondary Results of the Randomized Minerva Trial

Boriani G., Tukkier R., Manolis A., Mont L., P_ yrerfellner H., Santini M., Inama G., Serra P., Hudnall H., Swain A., Gavazza F., Padeletti L. - Bologna, ITA **138PW/2**

■ Clinical Course of Implantable Cardioverter-Defibrillator Patients; Prolonged Follow-Up in Routine Clinical Practice

Van Der Heijden A., Buiten M., Thijssen J., Van Rees J., Van Erven L., Schali_ j M., Borleffs C. - Leiden, NLD **138PW/3**

■ Fast Ventricular Tachycardia Episodes Are Terminated by ATP One Shot: Results of the Prospective Randomized Favorite ATP_ Trial

Kreuz J., Schrader J., Nickenig G., **Schwab J.** - 53105, DEU **138PW/4**

■ Anti-Tachycardia Pacing and Mortality in 71,691 Patients

Strickberger A., Canby R., Cooper J., Coppess M., Daoud E., Doshi R., John R., Shah R., Karst E., Dalal N., Fischer A. - Chevy Chase, USA **138PW/5**

■ Comparison of Dual Chamber Versus Single Chamber ICD for Primary Prevention: Long-Term Follow-Up of 2561 ICD Patients

Defaye P., Marijon E., Boveda S., Piot O., Gras D., Leclercq C., Sadoul N. - Grenoble, FRA **138PW/6**

■ Break / Visit of Exhibits

BASIC ELECTROPHYSIOLOGY

«TRANSLATIONAL ELECTROPHYSIOLOGY:
BRIDGING THE CHASM BETWEEN BASIC AND
CLINICAL SCIENCE»

Program Chair: D. Zipes - Indianapolis, USA

INDUSTRY SYMPOSIA

16:00-17:30

Room 2.1 / Hermes - Level 2 / Rhodes

SESSION 141 AUTONOMICS AND ARRHYTHMIAS

Co-Chair:

Ophof T. - Amsterdam, NLD / **Ehrlich J.** - Frankfurt, DEU

16:00 ■ Mechanisms of Antiarrhythmic Vagal Stimulation

Chen P. - Indianapolis, USA **141/1**

16:20 ■ Mechanisms of Arrhythmogenic Sympathetic Stimulation

Weiss J. - Los Angeles, USA **141/2**

16:40 ■ Spinal Cord Stimulation

Theres H. - Berlin, DEU **141/3**

17:00 ■ Cardiac Sympathectomy

Shivkumar K. - Los Angeles, USA **141/4**

17:20 ■ General Discussion

■ End

16:00-17:30

Room 2.3 / Athena - Level 2 / Rhodes

SESSION 142 PRACTICAL CONSIDERATIONS FOR LEAD EXTRACTION: WHEN & HOW

Co-Chair:

Kennergren C. - Göteborg, SWE / **Butter C.** - Bernau, DEU

16:00 ■ Right Tools for the Right Patients

Love C. - Columbus, USA **142/1**

16:15 ■ Managing Functional and Non-Functional Leads

Franceschi F. - ITA **142/2**

16:30 ■ Infection: Many Untreated Patients

Marshall H. - Birmingham - GBR **142/3**

17:00 ■ Specialized Training: A Necessity

Burger H. - Bad Nauheim, DEU **142/4**

■ End

Session made possible thanks to an educational grant from
SPECTRANETICS

FETAL CARDIOLOGY

Program Chair: *M. Guirgis - Paris, FRA*

16:00-17:30

Room 2.4 - Level 2 / Gallieni

SESSION 143

FETAL ARRHYTHMIAS II

Co-Chair:

Cuneo B. - Colorado, USA / **Guirgis M.** - Paris, FRA

16:00 ■ Practical Approach and Differential Diagnosis of Fetal Bradyarrhythmias
Jaeggi E. - Toronto, CAN 143/1

16:20 ■ Blocked Atrial Bi/Trigeminy: Diagnosis and Outcome
Ventriglia F. - Rome, ITA 143/2

16:40 ■ Strategies of Prevention, Diagnosis and Treatment of Immune Mediated AV Block
Jaeggi E. - Toronto, CAN 143/3

17:00 ■ Heaven Can Wait...
Guirgis M. - Paris, FRA 143/4

■ End

PEDIATRICS

Program Chairs: *JB. Thambo - France - Maltret, France - C. McLeod, USA*

16:00-17:30

Room 2.6 - Level 2 / Gallieni

SESSION 144

PEDIATRIC AND ADULT WITH CONGENITAL HEART DEFECT PACING AND ARRHYTHMIAS CHALLENGES

Co-Chair:

Blom N. - Leiden, DEU / **McLeod C.** - Rochester, USA

16:00 ■ VT Management after Fallot Repair
Sacher F. - Bordeaux, FRA 144/1

16:15 ■ Indication and Specificity of Lead Extraction in Pediatric Patient
Bongiorni M. - Pisa, ITA 144/2

16:30 ■ Transvenous, Epicardial or Leadless pacing in Pediatric Patient
Ritter P. - Bordeaux, FRA 144/3

16:45 ■ Sudden Cardiac Death/Ventricular Fibrillation and Mitral Valve Prolapse
Cannon B. - Rochester, USA 144/4

17:00 ■ The Role of EP Studies in Channelopathies
McLeod C. - Rochester, USA 144/5

■ End

INDUSTRY SYMPOSIA

16:00-17:30

Room 1.1 - Level 1 / Méditerranée

SESSION 145

LEADLESS PACING, REVOLUTIONIZING 55 YEARS OF PACING

Co-Chair:

Defaye P. - Grenoble, FRA

16:00 ■ Pacing History, 55 Years of Innovation
Santini M. - Rome, ITA 145/1

16:30 ■ Leadless Pacing, Is This a Revolution?
Knops R. - Amsterdam, NLD 145/2

17:00 ■ Leadless Pacing – Where Do We Stand on Clinical Perspective?
Sperzel J. - Bad Nauheim, DEU 145/3

■ End

Session made possible thanks to an educational grant from **ST JUDE MEDICAL**

INDUSTRY SYMPOSIA

16:00-17:30

Room 1.2 - Level 1 / Méditerranée

SESSION 146

PREVENTION AND MANAGEMENT OF CARDIOVASCULAR COMORBIDITIES: WHAT IS (Y)OUR ROLE?

Co-Chair:

Garrigue S. - Bordeaux, FRA / **Capucci A.** - Ancona, ITA

16:00 ■ Why Should EPs Care about Sleep Apnea?
Somers V. - Rochester, USA 146/1

16:20 ■ Sleep Apnea Management in My Practice
Martí Almor J. - Barcelona, ESP 146/2

16:40 ■ Late Breaking News on Prevention of HF/AF in Pacemaker Patients: The ANSWER Study Results
Stockburger M. - Berlin, DEU 146/3

17:00 ■ Takeaways from the ANSWER Study
Israel C. - Bielefeld, DEU 146/4

■ End

Session made possible thanks to an educational grant from **SORIN GROUP**

AF MANAGEMENT

ON BEHALF OF ACAF - ADVANCES AND CONTROVERSIES IN ATRIAL FIBRILLATION

Program Chairs: G. V. Naccarelli - Hershey, USA, J.J. Blanc - Brest, France, S. Lévy - Marseilles, France

16:00-17:30

Room 1.3 - Level 1 / Méditerranée

SESSION 147 ATRIAL FIBRILLATION VI

Co-Chair:

Cappato R. - San Donato Milanese (MI), ITA / **Breithardt G.** - Münster, DEU

16:00 ■ Role of NOACS in Cardioversion, Ablation, Stents, Prosthetic Valves
Piccini J. - Durham, USA **147/1**

16:30 ■ NOACS: Switching; How to Monitor; Manage Bleeding; Reversal Agents
Weitz J. - Hamilton, CAN **147/2**

17:00 ■ Role of Left Atrial Appendage Occluding Devices or Ligation of LAA in Preventing Stroke
Healey J. - Hamilton, CAN **147/3**

■ End

Unrestricted Educational Support: **Boehringer Ingelheim Pharma**

ECG/EGM INTERPRETATION

Organized by STIMUPRAT Bordeaux Team

16:00-17:30

Room 1.4 - Level 1 / Méditerranée

SESSION 148 COMPREHENSIVE ICD AND PACEMAKER COURSE BY STIMUPRAT

Co-Chair:

Abi-Samra F. M. - New Orleans, USA

Sadoul N. - Vandoeuvre Les Nancy, FRA

Based on device EGM presentations intended for intensive interaction with the audience. Tracings from Medtronic devices.

16:00 ■ Comprehensive ICD and Pacemaker Course
Bordachar P. - Bordeaux, FRA **148/1**

16:00 ■ Comprehensive ICD and Pacemaker Course
Garrigue S. - Bordeaux, FRA **148/2**

16:00 ■ Comprehensive ICD and Pacemaker Course
Reuter S. - Bordeaux, FRA **148/3**

■ End

JOINT SESSIONS

JOINT SESSION WITH EUROPEAN ASSOCIATION
FOR CARDIOVASCULAR PREVENTION &
REHABILITATION - EACPR

Program Chair: *H. Heibuchel - Leuven, BEL*

CRT

Program Chairs: *D. Hayes - Rochester, USA -
G. Boriani - Bologna, ITA - P. Ritter - Bordeaux, FRA*

16:00-17:30

Room 1.5 - Level 1 / Méditerranée

SESSION 149

ARRHYTHMIAS IN ATHLETES: FROM ELECTRICAL EVALUATION TO TREATMENT

Co-Chair:

Heibuchel H. - Leuven, BEL / *Smeets J.* - Maastricht, NLD

16:00 ■ Discriminating the ECG of the Normal Athlete
from Pathology: The Seattle Criteria

Antz M. - Oldenburg, DEU **149/1**

16:20 ■ Diagnostic and Prognostic Evaluation of ARVC
in Athletes

Corrado D. - Padova, ITA **149/2**

16:40 ■ An Atrial Fibrillation Ablation, and then Back to
Endurance Activity!?

Mont L. - Barcelona, ESP **149/3**

17:00 ■ An ICD, and then Back to Sports Activity!?

Aliot E. - Nancy, FRA **149/4**

■ End

16:00-17:30

Room 1.6 / Iris - Level 1 / Méditerranée

SESSION 150

DIFFICULT DECISIONS IN PATIENTS WITH POSSIBLE INDICATION FOR CRT (PART I)

Co-Chair:

Hayes D. L. - Rochester, USA / *Leyva F.* - Sutton Coldfield, GBR

16:00 ■ AF and HF: AF Ablation or CRT + AV Node
Ablation?

Klein G. - London, CAN **150/1**

16:20 ■ Multiple PVCs Favoring HF in Patients Possibly
Candidates for CRT: PVC Ablation or Immediate CRT?

Schalij M. - Leiden, NLD **150/2**

16:40 ■ Pacemaker/ICD Patient Candidate for CRT, but
with Occlusion of the Subclavian Vein

Belott P. - El Cajon, USA **150/3**

■ End

ICDs

Program Chairs: *D. Cannom - Los Angeles, USA - F. Murgatroyd - London, GBR - P. Ritter - Bordeaux, FRA*

16:00-17:30

Room 3.1 / Clío - Level 3 / Les Muses

SESSION 151

REFINING THE INDICATIONS FOR ICDs

Co-Chair:

Murgatroyd F. D. - London, GBR / **Lewalter T.** - Bonn, DEU

16:00 ■ Are Some Conventionally «Indicated» Patients Too Low, or Too High Risk to Benefit from ICD Therapy?
Klein H. - Munich, DEU 151/1

16:20 ■ Can We Identify Patients with Mild EF Impairment That Would Benefit from ICD?
Exner D. - Calgary, CAN 151/2

16:40 ■ Can We Devise a Rational Framework to Stratify Risk in Small Populations, for Whom Trials Are Unfeasible?
Krahn A. - Vancouver, CAN 151/3

17:00 ■ Can We Prevent Sudden Cardiac Arrest in the First Six Weeks Post MI?
Epstein A. - Birmingham, USA 151/4

■ End

GERIATRIC CARDIOLOGY

ARRHYTHMIA MANAGEMENT IN OLDER PERSONS WITH A FOCUS ON CASE BASED DISCUSSION

Program Chairs: *Win K. Shen - Scottsdale, USA, Ronald E. Vlietstra - Lakeland, USA, Thomas T. Munger, Rochester, USA*

16:00-17:30

Room 3.2 / Thalíe - Level 3 / Les Muses

SESSION 152

HEART FAILURE AND CARDIOMYOPATHY: SPECIAL CONSIDERATIONS AND RELEVANT ISSUES IN THE ELDERLY

Co-Chair:

Wilkoff B. L. - Cleveland, USA / **Chugh S. S.** - Los Angeles, USA

16:00 ■ State of the Art Lecture: CRT 2014, Guidelines vs Appropriate Use Criteria
Fogel R. - Indianapolis, USA 152/1

16:20 ■ Case 1: 83 yr M, prior MI, NYHA III CHF, COPD, QRS duration 130 ms, Echo EF 25%
Jahangir A. - Scottsdale, USA 152/2

16:40 ■ Case 2: 88 yr W, renovascular HTN, PVCs, Sestamibi EF 60%, NYHA III CHF symptoms
Li J. - Rochester, USA 152/3

17:00 ■ Case 3: 86 yr W, TAVR 1 month ago, EF 30%, NYHA III, LBBB: drugs vs. ICD vs. CRT?
Lee H.C. - Rochester, USA 152/4

■ End

NONINVASIVE ELECTROCARDIOLOGY

ON BEHALF OF ISHNE - INTERNATIONAL
SOCIETY FOR HOLTER AND NONINVASIVE
ELECTROCARDIOLOGY

Program Chairs: *W. Zareba, USA, S. Dubner, ARG,
A.J. Moss, USA*

16:00-17:30

Room 3.3 / Erato - Level 3 / Les Muses

SESSION 153 UPDATE ON RISK STRATIFICATION STRATEGIES

Co-Chair:

Ikeda T. - Tokyo, JPN / **Wranciz J. K.** - Lodz, POL

16:00 ■ Autonomic Markers of Risk
Bauer A. - Tübingen, DEU **153/1**

16:20 ■ Holter Predictors of SCD in Heart Failure
Patients with Preserved EF
Cygankiewicz I. - Lodz, POL **153/2**

16:40 ■ Combination of Tests in Risk Stratification
Ikeda T. - Tokyo, JPN **153/3**

17:00 ■ Prognostic Significance of Cardiac Magnetic
Resonance Imaging
Hombach V. - Ulm, DEU **153/4**

■ End

JOINT SESSIONS

JOINT SESSION WITH HRS

16:00-17:30

Room 3.4 / Uranie - Level 3 / Les Muses

SESSION 154 NOVEL TECHNOLOGIES AND STRATEGIES FOR CATHETER ABLATION OF AF: ARE THE RESULTS REALLY BETTER?

Co-Chair:

Calkins H. - Baltimore, USA / **Kuck K. H.** - Hamburg, DEU

16:00 ■ Ablation Target Identification Using Body
Surface Mapping
Derval N. - Pessac, FRA **154/1**

16:20 ■ Ablation Target Identification Using
Endocardial Rotor Mapping
Narayan S. - San Diego, USA **154/2**

16:40 ■ Substrate Visualization Using MRI
Marrouche N. - Salt Lake City, USA **154/3**

17:00 ■ Novel 3D and 4D Catheter Navigation
Technologies
Sommer P. - Leipzig, DEU **154/4**

■ End

ABLATION TECHNIQUES

Program Chairs: *M. Scheinman - San Francisco, USA,*
F. Sacher - Bordeaux, FRA

16:00-17:30

Room 3.5 / Calliope - Level 3 / Les Muses

SESSION 155

CASE PRESENTATION AND INTERACTIVE SESSION

Co-Chair:

Hsia H. - San Francisco, USA

16:00 ■ Panel
Callans D. - Philadelphia, USA **155/1**

16:30 ■ Panel
Ellenbogen K. - Richmond, USA **155/2**

17:00 ■ Panel
Jaïs P. - Bordeaux, FRA **155/3**

■ End