

2nd ANNOUNCEMENT

CARDIOSTIM 2014

EHRA EUROPACE

June 18-21
Nice - France



World congress on cardiac electrophysiology

www.cardiostim.com

Invasive & Non-Invasive Electrophysiology - Catheter Ablation - Pacing & Defibrillation - Heart Failure - Cardiac Imaging - Angiogenesis & Genetics - Emerging Cardiovascular Technologies



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 Reed Exhibitions



Credited to Jacques Maglo

EDITORIAL

Dear Colleagues, Dear Friends,

This 2014 edition is completely new. It is the prototype of what is now the annual international conference of electrophysiology. Each year the program will be jointly developed by the Program Committees of Cardioslim and EHRA.

The program is very comprehensive, covering all aspects of our specialty. You will recognize the «Cardioslim style» by the principles that made it a success: a strong presence outside the EU, especially North Americans, a large emphasis placed on innovation and education, a forum for industry.

You will find just as much of the scientific and academic EHRA hand, and all activities of the organization, through the preparation of the program developed under the leadership of Cecilia Linde and Michael Glikson. New for this year are special sessions for young electrophysiologists and for women in the field as well as new devices in valvular disease.

Abstracts will be selected by the scientific committees of both organizations. Their presentation at the conference will be mainly in the form of posters.

We invite you to discover the richness of this program by reading this brochure. Come! Given the diversity of the sessions, you will find, for sure, what you are looking for!

Finally, do not forget the FIRM January 13, 2014 deadline for abstracts submission. We look forward to seeing you in Nice from June 18 to 21, 2014.

Philippe Ritter
Cardioslim Chairman

Cecilia Linde
Europace Program Chairperson

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HRS - Heart Rhythm Society	
The Chinese Society of Pacing and Electrophysiology	
EACPR - European Association for Cardiovascular Prevention & Rehabilitation	
EACVI - European Association of Cardiovascular Imaging	
WG Valvular Heart Disease	
EAPCI - European Association of Percutaneous Cardiovascular Interventions	
HFA - Heart Failure Association of the ESC	
Cardiac Risks in Cancer Therapy	
Asia Pacific Society of Cardiology	
SOLAECE - Latin-American Society of Pacing and Electrophysiology	
PASCAR, and Indian Heart Rhythm Society	
JHRS - Japanese Heart Rhythm Society	
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In collaboration with:

- Société Française de Cardiologie
- European Society of Cardiology
- Heart Rhythm Society (HRS)
- International Society for Holter and Noninvasive Electrocardiology (ISHNE)
- Groupe Français d'Electrophysiologie et de Stimulation Cardiaque de la Société Française de Cardiologie
- Club Français des Technologies Biomédicales de la SEE (Société des Electroniciens et des Electriciens)
- Japanese Heart Rhythm Society (JHRS)
- World Society of Arrhythmias WSA/ICPES
- Sociedad Asociación Civil Argentina de Estimulación Cardíaca (SADEC)
- Asian-Pacific Society of Cardiology
- Brazilian Society of Cardiology
- Latin-American Society of Pacing and Electrophysiology (SOLAECE)
- Artificial Cardiac Electrostimulation Department of the Brazilian Cardiac Surgery Group (DECA)
- Associazione Italiana di Aritmologia e Cardioritmo (A.I.A.C.)
- Mediterranean Society of Pacing and Electrophysiology (MESPE)
- The RETAC Group (Reunion of European countries for the Treatment of Arrhythmias in Cardiology/ Réseau Européen pour le Traitement des Arythmies Cardiaques)
- ACCA - Acute Cardiac Care Association
- Chinese Society of Pacing and Electrophysiology
- EACPR - European Association for Cardiovascular Prevention & Rehabilitation
- EACVI - European Association of Cardiovascular Imaging
- WG Valvular Heart Disease of ESC
- EAPCI - European Association of Percutaneous Cardiovascular Interventions
- HFA - Heart Failure Association of the ESC
- APHRS - Asia Pacific Heart Rhythm Society
- PASCAR - Pan African Society of Cardiology
- Indian Heart Rhythm Society
- ESC Working Group on e-Cardiology

Scientific Organizing Committee

CARDIOSTIM TEAM

Chairman: **Philippe Ritter** (Bordeaux, FRA)

Vice Chairman: **Pierre Jaïs** (Bordeaux, FRA)

European Heart Rhythm Association (EHRA)

President: **Karl Heinz Kuck** (Hamburg, DEU)

Europace 2015 Program Committee Chairperson: **Cecilia Linde** (Stockholm, SWE)

Vice Chairperson: **Michael Glikson** (Ramat Gan, ISR)

Preparation Committee for Scientific Programs

To date, will be implemented as we go along

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D. Flammang	FRA	S. Reuter	FRA	D. Zipes	USA
S. Garrigue	FRA	PR. Ricci	ITA		

Basic Electrophysiology

«*TRANSLATIONAL ELECTROPHYSIOLOGY: Bridging the Chasm between Basic and Clinical Science*»

Program Chair

D. Zipes - Indianapolis, USA

CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA

- ▶ Calcium Waves and Arrhythmias
- ▶ Xander Wehrens RyR Mutations
- ▶ Calsequestrin Mutations
- ▶ Clinical Phenotype and Neural Modulation

LONG AND SHORT QT SYNDROMES

- ▶ Genetics
- ▶ IKs Structure-Function and Noninvasive Mapping of LQTS Substrate in Patients
- ▶ Induced Pluripotent Stem Cell Studies
- ▶ Clinical Phenotype and Therapy

ARRHYTHMOGENIC CARDIOMYOPATHY

- ▶ Molecular Defect(s)
- ▶ Macromolecular Complexes and Fluorescence Microscopy
- ▶ Pathology
- ▶ Treatment

BRUGADA SYNDROME

- ▶ Genetic and Cellular Mechanisms
- ▶ Depolarization Abnormalities
- ▶ Is It a J-Wave Disease?
- ▶ Treatment

HEART FAILURE

- ▶ Lessons from the Zebra Fish
- ▶ Optogenetics in Cells and Whole Hearts
- ▶ Repair
- ▶ Treatment

ATRIAL FIBRILLATION

- ▶ Rotors
- ▶ Remodeling
- ▶ Mechanisms in Humans
- ▶ Genetics Help Treatment Choices

VENTRICULAR ARRHYTHMIAS

- ▶ Imaging for Ablation
- ▶ Scanning Ion Conductance Microscopy: Help in Understanding Mechanisms
- ▶ Drug Interactions
- ▶ Ventricular Arrhythmias in Young People

AUTONOMICS AND ARRHYTHMIAS

- ▶ Mechanisms of Antiarrhythmic Vagal Stimulation
- ▶ Mechanisms of Arrhythmogenic Sympathetic Stimulation
- ▶ Spinal Cord Stimulation
- ▶ Cardiac Sympathectomy



GENETICS

The Asymptomatic Patient with Inherited Arrhythmogenic Disease: When Is The Risk High Enough to Justify ICD Implantation Despite the Absence of Symptoms?

Program Chair

S. Viskin - Tel Aviv, ISR

ASSESSING RISK IN ASYMPTOMATIC CHANNELOPATHIES

RISK OF SUDDEN DEATH FROM NON-CARDIAC MEDICATIONS. UNDERSTANDING DRUG-INDUCED BRUGADA AND LONG QT SYNDROMES

AF Management

Program Chair

P. Geelen - Aalst, BEL

ATRIAL FIBRILLATION AND HEART FAILURE: PARTNERS IN CRIME

NON PHARMACOLOGICAL APPROACH TO STROKE PREVENTION IN ATRIAL FIBRILLATION

SEE WHAT YOU NEED TO KNOW: IMAGING IN ATRIAL FIBRILLATION

NEW INSIGHTS INTO THE MECHANISMS OF ATRIAL FIBRILLATION



On behalf of ACAF - Advances and Controversies in Atrial Fibrillation

Program Chairs

G. V. Naccarelli - Hershey, USA

J.J. Blanc - Brest, FRA

S. Levy - Marseilles, FRA

ATRIAL FIBRILLATION I

- ▶ Association of AF and Stroke: Why Does AF Cause Embolic Events?
- ▶ AF Stroke: A Neurologist's Perspective: Definitions, Treatment of Brain Attack, Prognosis
- ▶ AF Stroke: CHADS2, CHADS2VA2SC, Guidelines

ATRIAL FIBRILLATION II

- ▶ SPAF Based on Data from Cardiac Implantable Devices
- ▶ Can Rhythm Control with Antiarrhythmic Drugs or Catheter Ablation Reduce the Risk of Stroke. Role of Echocardiography/TEE in Assessing Risk of Stroke

ATRIAL FIBRILLATION III

- ▶ Warfarin and Antiplatelet Drugs in SPAF: Role in 2014
- ▶ Overview of Novel Anticoagulants: Pharmacology, Pivotal Trials
- ▶ Dosing Guidelines of NOACS in the Elderly, Renal Insufficiency, Drug-Drug Interactions

ATRIAL FIBRILLATION IV

- ▶ Role of NOACS in Cardioversion, Ablation, Stents, Prosthetic Valves
- ▶ NOACS: How to Monitor; Manage Bleeding; Reversal Agents
- ▶ Role of Left Atrial Appendage Occluders, Ligation of LAA in Preventing Stroke



Program Chair

G. Lip - Birmingham, GBR

STROKE PREVENTION IN ATRIAL FIBRILLATION – DIFFICULT MANAGEMENT CONSIDERATIONS

- ▶ The Patient Who Is Elderly, Cognitively Impaired or Falling
- ▶ The Patient with Renal Impairment, or Needing Dialysis
- ▶ The Patient with Recent Stroke, or Recurrent Stroke
- ▶ The Patient with an Acute Coronary Syndrome or Undergoing Device/Stent Implantation

ATRIAL FIBRILLATION AND ANTICOAGULATION – ONGOING DEBATES

- ▶ Pro/Contra: All AF Patients Should Be Managed with a Novel Oral Anticoagulation and Not VKAs Anymore
- ▶ Pro/Contra: Stroke and Bleeding Risk Scores in Guidelines Are Useful Tools in Everyday Clinical Practice

MEET THE EXPERTS: USING CHA2DS2-VASC AND HAS-BLED IN EVERYDAY CLINICAL PRACTICE

- ▶ **Case 1:** Balancing stroke vs bleeding risk in the clinic
- ▶ **Case 2:** A patient with lone atrial fibrillation - how 'lone' is 'lone AF'?

PRACTICAL ASPECTS ON STROKE PREVENTION IN ATRIAL FIBRILLATION - WHAT TO DO IN 2014?

- ▶ My Patient Gets a Thromboembolic Event Despite Well Controlled Warfarin
- ▶ My Patient with AF Presents with an Acute Coronary Syndrome and Needs a Stent
- ▶ My Patient on a Novel Oral Anticoagulant Presents with an Ischaemic Stroke, and Is Being Considered for Thrombolysis
- ▶ My Patient on Oral Anticoagulation Needs an Ablation

Ablation Techniques

Program Chairs

M. Scheinman - San Francisco, USA

F. Sacher - Bordeaux, FRA

ATRIAL FIBRILLATION (Part I)

- ▶ Mechanism of Atrial Fibrillation
- ▶ Is AF Ablation Cost Effective?
- ▶ The Role of Cardiac MR in the Prognoses and Treatment of AF
- ▶ Genetic Manipulations in the Management of AF

ATRIAL FIBRILLATION (Part II)

- ▶ Long-Term Follow-Up of Patients with Persistent AF Undergoing the Step Wise Approach
- ▶ The Role of Dual AF Ablation and Left Atrial Appendage Ligation for Treatment of Patients with AF
- ▶ Identification and Ablation of Rotors in the Ablation of Patients with AF
- ▶ Long-Term Follow-Up after Ablation of Paroxysmal AF Cryoballoon vs RF

ATRIAL FIBRILLATION (Part III)

- ▶ Long-Term Follow-Up of Patients with CHA2DS2-VASc ≥ 2 after Successful AF Ablation
- ▶ The Role of ThermoCool, SmartTouch and Surround Flow Catheters in the Ablation of AF
- ▶ The Role of High-Density Electrogram Filtering for Activation Mapping and Ablation of AF
- ▶ Incidence of Silent Cerebral Emboli Using Different Ablation Techniques

VENTRICULAR TACHYCARDIA (Part I)

- ▶ The Role of Cardiac Sympathectomy in Treatment of Recurrent VT
- ▶ Ablation of VT Data from the German Ablation Registry
- ▶ Ablation of Purkinje Triggers for Recurrent Ventricular Fibrillation in Patients with Ischemic Heart Disease
- ▶ Rotors in Human Ventricular Fibrillation and Their Relationship to Ablation of Sites for Ventricular Tachycardia

VENTRICULAR TACHYCARDIA (Part II)

- ▶ The Value of Endocardial Bipolar vs Unipolar Voltage Mapping to Detect Epicardial Scar Related VT
- ▶ The Role of Scar Dechannelling for Ablation of Scar Related VT
- ▶ Use of Combined Unipolar and Bipolar Voltage Maps and Ventricular Tachycardia Outcomes after Ablation
- ▶ VT Ablation in Patients with Continuous Flow Left Ventricular Assist Devices

VENTRICULAR TACHYCARDIA (Part III)

- ▶ Results of Radiofrequency Ablation of VT in Patients with Sarcoid
- ▶ Unusual Sites of PVC or VT Ablation (Papillary Muscle, Moderator Band or Anterior Interventricular Vein)
- ▶ Diagnostic Features and Ablation of VT from the Cardiac Crux
- ▶ Techniques and Results of Epicardial Ablation for Non-Ischemic VT
- ▶ Results of VT Ablation Using LAVA Elimination as End Point

CASE PRESENTATION AND INTERACTIVE SESSION**SUPRA-VENTRICULAR TACHYCARDIA**

- ▶ Mechanism and Ablation of Focal Junctional Tachycardias
- ▶ Diagnoses and Ablation of Difficult Accessory Pathways
- ▶ Mechanism and Ablation of Manifest and Concealed Nodo-Fascicular Pathways
- ▶ Ablation of Atrio-Fascicular Pathways
- ▶ Identification and Ablation of Parahisian Atrial Tachycardias
- ▶ ECG Criteria for Localization of Atrial Tachycardia

CASE PRESENTATION AND INTERACTIVE SESSION**ATRIAL FLUTTER**

- ▶ Forms of Right Atrial Flutter
- ▶ Multiloop Atrial Tachycardia Following Atrial Fibrillation Ablation
- ▶ Atrial Flutter Following Pulmonary Transplant
- ▶ Diagnoses and Ablation of Bidirectional Atrial Tachycardia
- ▶ Approach to the Diagnoses and Ablation of LA Flutter after AF Ablation
- ▶ Intra-Isthmus Reentry in Congenital Heart Disease

CASE PRESENTATION AND INTERACTIVE SESSION**Ablation Procedures***AF Ablation Procedures**Program chair*

P. Jaïs - Bordeaux, FRA

PULMONARY VEIN ISOLATION FOR AF: MANAGEMENT AND TECHNIQUES

- ▶ Continued Anticoagulation: Warfarin Only or NOACS as Well
- ▶ A Review of Available and Future Technologies for PVI
- ▶ How to Reduce PV Reconduction and SCE
- ▶ PV Ablation in the Magnet: Is It Realistic? For What Benefit?

SUBSTRATE AND MECHANISMS FOR PERSISTENT AF

- ▶ Is the Persistent AF Substrate Mostly Functional or Anatomical?
- ▶ Role of Fat and Fibrosis: Cellular and Molecular Basis
- ▶ Role of Fat and Fibrosis, from Animal Models to Patients
- ▶ Tissue Characteristics and Electrogram Complexity
- ▶ Debate: Pro/Con: Can MR Image AF Substrate?

STRATEGIES FOR PERSISTENT AF ABLATION

- ▶ Optimal Indications and Techniques
- ▶ Persistent AF Ablation as Guided by Body Surface Mapping
- ▶ Role of Renal Denervation
- ▶ Debate: Pro/Con: Phase Mapping Is Superior to CAFE Ablation

LONG TERM RESULTS AND MANAGEMENT AFTER PERSISTENT AF ABLATION

- ▶ Role of Anticoagulation: Recommendations and Ongoing Studies
- ▶ Role of Drugs to Prevent Fibrotic Atrial Cardiomyopathy
- ▶ Long-Term Results of CAFE Ablation
- ▶ Long-Term Outcome and Atrial Function

**VT/VT Ablation Procedures****Program Chair**

M. Hocini - Bordeaux, FRA

BASIC KNOWLEDGE TO UNDERSTAND VT/VF**NEW MODALITIES FOR IMAGING VT/VF PATIENTS****NEW STRATEGIES FOR VT/VF ABLATION****VT/VF ABLATION IN PATIENTS WITH HEART FAILURE****Main Trials****Program chairs**

A.L. Waldo - Cleveland, USA

A. J. Camm - London, GBR

C. Pratt - Houston, USA

LEFT ATRIAL APPENDAGE OCCLUSION FOR STROKE PREVENTION TRIALS IN PATIENTS WITH ATRIAL FIBRILLATION

- ▶ The WATCHMAN Trials
- ▶ The AMPLATZER Cardiac Plug Trials
- ▶ The AtriClip Surgical Trials
- ▶ The LARIAT (Lasso Occlusion of the LAA) Trial

TRIALS USING DEVICES TO DETECT ATRIAL HIGH RATE EVENTS AND THEIR IMPLICATIONS OR STROKE PREVENTION IN PATIENTS WITH ATRIAL FIBRILLATION

- ▶ A Perspective from "Older" Trials
- ▶ The RATE Registry Trial
- ▶ The IMPACT Trial

ANTICOAGULATION TO MINIMIZE STROKE IN PATIENTS WITH ATRIAL FIBRILLATION

- ▶ ENGAGE AF-TIMI 48
- ▶ Portola's Factor Xa Antidote, and the Issue of Antidotes for the New Oral Anticoagulants
- ▶ Swedish AF Cohort Study: Net Clinical Benefit of Warfarin vs Aspirin, and a Perspective on Trials with Aspirin Stroke Prevention in Patients with Atrial Fibrillation

ABLATION OF ATRIAL FIBRILLATION

- ▶ The MANTRA PAF Trial (A Randomized, Multicenter Trial Comparison of Radiofrequency Ablation and Antiarrhythmic Drug Therapy as Primary Treatment of Patients with Paroxysmal Atrial Fibrillation)
- ▶ DISCERN AF – (Effect of Ablation on Asymptomatic AF)
- ▶ SARA Trial (Ablation vs Antiarrhythmic Drug Therapy in Patients with Persistent Atrial Fibrillation)

Noninvasive Electrocardiology

On behalf of ISHNE - International Society for Holter and Noninvasive Electrocardiology

Program Chairs

W. Zareba - Rochester, USA

S. Dubner - Buenos Aires, ARG

A. J. Moss - Rochester, USA

QRS MORPHOLOGY OR DURATION TO BENEFIT OF CRT?

- ▶ QRS Morphology – How to Identify Optimal ECG Patterns in CRT Candidates?
- ▶ QRS Duration >150 ms, Is It Mandatory?
- ▶ Is There a Chance for RBBB Patients?
- ▶ ECG Imaging – Could It Improve Qualification?

STATIC AND DYNAMIC REPOLARIZATION

- ▶ Early Repolarization – Clinical Meaning?
- ▶ QRS-T Angle – How to Compute It?
- ▶ QT Variability – Is It Useful?
- ▶ T Wave Alternans – How to Implement It?

Novel and Improved Methods of AF Monitoring

- ▶ Long-Term AF Monitoring
- ▶ Video-Monitoring of AF
- ▶ AF Burden from Devices
- ▶ Implanted Devices for AF Monitoring

PREDICTING AND AVOIDING VT/VF

- ▶ Predicting ICD-Treated VT/VF
- ▶ Inappropriately Treated VT/VF
- ▶ Unnecessary Treated VT/VF in ICD Patients
- ▶ Prognostic Significance of Slow VT

TELE-ELECTROCARDIOLOGY – WHERE TO USE IT?

- ▶ Cardiac Rehabilitation
- ▶ Silent AF Recurrences
- ▶ New Methods of Monitoring Patients with Devices
- ▶ Telemedicine in Arrhythmia Diagnosis and Management

UPDATE ON RISK STRATIFICATION STRATEGIES

- ▶ Autonomic Markers of Risk
- ▶ Holter Predictors of SCD in Heart Failure Patients with Preserved EF
- ▶ Combination of Tests in Risk Stratification
- ▶ Prognostic Significance of Cardiac Magnetic Resonance Imaging

UPDATE ON INHERITED ARRHYTHMIA DISORDERS

- ▶ Long QT Syndrome
- ▶ ARVC
- ▶ Brugada Syndrome
- ▶ Familial Dilated Cardiomyopathy

CLINICAL CASE PRESENTATIONS SESSIONS

- ▶ Challenging ECG Diagnosis (Part I)
- ▶ Challenging Arrhythmia Cases (Part II)

ECG Interpretation*Program Chairs***H. Wellens** - Maastricht, NLD**J. Farré** - Madrid, ESP**THE ART OF THE 12-LEAD ECG. THE BASIS OF DAILY DIAGNOSIS (PART I)****THE ART OF THE 12-LEAD ECG. THE BASIS OF DAILY DIAGNOSIS (PART II)**

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*ECG Interpretation**Program Chair***M. Malik** - London, GBR**DO WE STILL NEED HOLTER RECORDINGS?****HOW TO ASSESS VENTRICULAR REPOLARIZATION****DRUG INDUCED LQT****VENTRICULAR ECTOPIES AND CARDIOVASCULAR RISKS****SEX DIFFERENCES IN ECG****ADVANCED TECHNOLOGIES TO MEASURE HRV****HOW TO MANAGE ECG DATABASES****HOW TO MANAGE NON INVASIVE AF RECORDINGS****Pharmacology / Antiarrhythmic Drugs***Program Chair***I. van Gelder** - Groningen, NLD**NEW TYPES OF ANTIARRHYTHMIC DRUGS FOR ATRIAL FIBRILLATION****VENTRICULAR ARRHYTHMIAS, DEVICES AND ANTIARRHYTHMIC DRUGS**

Syncope

Program Chairs

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

REFLEX SYNCOPES: AN UPDATE

- ▶ Vasodepressor Syncope and the Role of Syncope-Risk-Increasing Drugs in Older Patients
- ▶ Carotid Sinus Syndrome Revisited: New Insights
- ▶ 25 Years of Research Permit a Reinterpretation of Tilt Test Results
- ▶ The Role of Cardiac Pacing in Reflex Syncopes

UNEXPLAINED SYNCOPE

- ▶ Classification and Risk Stratification of Transient Loss of Consciousness (T-LOC)
- ▶ Diagnosis
- ▶ Treatment
- ▶ How to Set-Up a Syncope Unit: The "Position" of EHRA

NEW ASPECTS OF VASOVAGAL SYNCOPE

- ▶ Catecholamines in Vasovagal Syncope - Surreal or Surreal?
- ▶ Deconstructing Syncope: Time to Consider Neurohormones
- ▶ Endothelial Function in Vasovagal Syncope
- ▶ The Early Hypotensive Phase in Orthostatic Vasovagal Syncope
- ▶ New Thoughts on Orthostatic Reflex Syncope

SITUATIONAL SYNCOPE

- ▶ Cough Syncope
- ▶ Urination and Defecation Syncope
- ▶ Orthostatic Syncope
- ▶ Exercise Syncope

Lead Management

Program Chair

J.C. Deharo - Marseille, FRA

WHEN PHYSICIANS AND ENGINEERS MEET TOGETHER: LEAD RELIABILITY AND EXTRACTABILITY

LEAD EXTRACTION IN CHALLENGING SITUATIONS: A CASE-BASED SESSION

Comprehensive ICD and Pacemaker Course

Based on Case presentations organized by the STIMUPRAT Group from Bordeaux, FRA (8 sessions)

Pacing

Program Chairs

J. Hastrup Svendsen - Stockholm, SWE
C. Linde - Stockholm, SWE

SHOULD EVERYBODY IN NEED OF RIGHT VENTRICULAR PACING RECEIVE A CRT DEVICE - FROM UK PACE TO BLOCK HF

WHAT AN ARRHYTHMOLOGIST NEEDS TO KNOW ABOUT STEM CELLS

DIFFERENT APPROACHES TO LEAD IMPLANTATIONS IN CHILDREN AND GROWN UPS

MRI IN ANTIBRADYCARDIA PACING. A REALITY FOR ALL PATIENTS?



Program Chair**A. Ronazeki** - Commercy, FRA**ART OF TIMING**

- ▶ Optimization of AVD and VV: The Theory Coming from Animal Experiments
- ▶ Computer Simulation
- ▶ Pro/con: Is It Useful in the Clinical Setting?

**Program Chair****R. Chirife** - Buenos Aires, ARG**EDUCATIONAL SESSION ON PM & CRT PROGRAMING**

- ▶ Based on Echo and Computer Simulation

ICDs**Program Chairs****F. Murgatroyd** - London, GBR**D. Cannom** - Los Angeles, USA**P. Ritter** - Bordeaux, FRA**REFINING THE INDICATIONS FOR ICDs**

- ▶ Are Some Conventionally «Indicated» Patients Too Low, or Too High Risk to Benefit from ICD Therapy?
- ▶ Can We Identify Patients with Mild EF Impairment That Would Benefit from ICD?
- ▶ Can We Devise a Rational Framework to Assess Risk in Small Populations, for Whom Trials Are Unfeasible?
- ▶ How to Prevent Sudden Cardiac Arrest in the First Six Weeks Post MI

DEFIBRILLATION THRESHOLDS - DO WE KNOW ALL THE ANSWERS?

- ▶ Defibrillation Threshold/Safety Margin Testing - What Does It Really Mean - If Anything?
- ▶ DFT/Safety Testing - What Do the Trials Tell Us?
- ▶ Is There a Role for ULV Testing in Practice?
- ▶ DFT Issues

ICD LEADS AND CHALLENGING PROCEDURES (Part I)

- ▶ Design Considerations - Why Are DF Leads More Prone to Problems?
- ▶ How Have Past Lead Issues Been Detected, and How Should this Happen in Future?
- ▶ The ICD Lead Is Broken: Should It Be Extracted or Abandoned?
- ▶ Proposals for Making CRT-D Procedures Simpler: VDD ICD Devices, RA-LV Implants for CRT-D, Single Coil versus Dual Coil

ICD LEADS AND CHALLENGING PROCEDURES (Part II)

- ▶ At the Moment of the Battery Change, Should We Also Change a Recalled ICD Lead That Works Properly?
- ▶ ICD Lead Extraction in a Patient Implanted with a CRT-D Device
- ▶ During an Upgrade, the Sub-Clavian Vein Is Occluded
- ▶ Do You Really Want to Implant Endovenous ICD Leads in Young Patients?

SHOCKS - ARE THEY BAD FOR YOU AND HOW CAN THEY BE PREVENTED?

- ▶ Are Shocks Bad for You, and if So, Why?
- ▶ Is Long Time to Detection Safe and Effective?
- ▶ Other Programming to Prevent Shocks - Keep It Simple, or Use Complex Algorithms?
- ▶ Adjunctive Therapies to Prevent Shocks - Which Drugs and When?
- ▶ Adjunctive Therapies to Prevent Shocks - When to Ablate?

SUBCUTANEOUS DEFIBRILLATORS IN THE REAL WORLD

- ▶ Sensing Issues and How to Avoid Them
- ▶ SQICDs in Common Primary Prevention Groups
- ▶ SQICDs in Special Groups (Channelopathies, Renal Failure with IV Access Problems, etc..)
- ▶ Detecting and Managing Complications

NEW TECHNOLOGIES

- ▶ Should Devices Be Programmed Remotely?
- ▶ Follow-Up of HF Patients Implanted with CRT-D Devices: Can We Prevent Hospitalizations for HF?
- ▶ Morphology Algorithms for Arrhythmia Discrimination: Are They Reliable Enough and Do They Simplify the Device Functioning?
- ▶ Low Energy Defibrillation: Possible?

CRT

Program Chairs

G. Boriani - Bologna, ITA

D. Hayes - Rochester, USA

P. Ritter - Bordeaux, FRA

WHAT IS LBBB?

- ▶ LBBB: A Unique Activation Pattern? (Refined Analysis of ECG and Vectocardiography, and CardiInsight Data)
- ▶ Mechanical Impact of LBBB on Ventricular Contraction (Results Obtained from Computer Simulations)
- ▶ Ventricular Activation Characteristics of Non-LBBB Conduction Disorders
- ▶ Why Does CRT Provide Better Outcomes in LBBB Patients?

IMPLEMENTATION OF CRT IN THE “REAL WORLD”: WHAT’S MISSING?

MAKING BEST USE OF IMAGING FOR CRT: WHO, WHEN, WHY? (MRI VS CONTRACTILE RESERVE ASSESSMENT VS ELECTRICAL MAPPING...)

- ▶ Role of Imaging after CRT Indication Based on LVEF and ECG? Prediction of Response and Prognostic Value
- ▶ What Is the Best Tool to Analyze Dyssynchrony, and Does That Information Help the Implanter?: Determination of a Targeted LV Zone if Any
- ▶ Per-Implant Imaging: How Does It Compare to Other Techniques? Imaging versus LV dP/DT, versus BP Measurements?
- ▶ Does Implant “Optimization” Translate into Better Outcomes?

HOW, WHEN AND WHY PROGRAMMING A CRT-D DEVICE?

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

- ▶ BIV vs LV only vs Multiple LV Leads: What Does the Evidence Based Support in 2014?
- ▶ Multipolar Leads: Are They Effective and Should They Become the Gold Standard?
- ▶ LV Endocardial Pacing in 2014: Where Do We Stand?
- ▶ Robotic Approach: An Elegant Solution When Everything Else Has Failed

HOW TO MINIMIZE THE NON RESPONDERS TO CRT

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

- ▶ AF and HF: AF Ablation or CRT + AV Node Ablation?
- ▶ Multiple PVCs Favoring HF in Patients Possibly Candidates for CRT: PVC Ablation or Immediate CRT?
- ▶ Heart Surgery Planned in HF Patients Presenting Criteria for CRT. CRT: Never, Before, During Surgery?
- ▶ Pacemaker/ICD Patient Candidate for CRT, but with Occlusion of the Subclavian Vein

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

- ▶ Whether or Not There Is an Age Limit for CRT
- ▶ Impact of Renal Failure on Outcome and Therefore on Decision Making
- ▶ Choice between CRT-P or CRT-D
- ▶ Decision Making on CRT in Valvular Pts

DIFFICULT DECISIONS IN PATIENTS ALREADY IMPLANTED WITH A CRT DEVICE

- ▶ Optimizing the CRT Patient with Atrial Fibrillation: When to Ablate AF, When to Ablate the AV Node?
- ▶ CRT Patient with Frequent VPCs Leading to Suboptimal BiV Pacing %: Management Approach
- ▶ CRT-D System Revision: How to Proceed? Current Recommendations for Extracting LV Leads
- ▶ Significant Residual or Worsening Mitral Regurgitation in Your CRT Patient: What to Do?
- ▶ Management of CRT-D Super-Responder When Battery Depletion Occurs

BEYOND CONVENTIONAL CRT: WHAT CAN BE APPLIED?

TECHNICAL ASPECTS OF CRT

- ▶ CRT Sensors for Hemodynamic Optimization: Where Are They Today?
- ▶ Algorithms to Trigger BiV Pacing: Is There Value or Do They Just Confuse the True % of BiV Pacing?
- ▶ Recognition and Management of Anodal Stimulation
- ▶ Value of Remote Monitoring: Patient Care vs. Data Derived from Large Patient Cohorts

Pediatrics

Program Chair

E. Rosenthal - St Albans, GBR

ADVANCES OR MODERN APPROACH TO PEDIATRIC DEVICE IMPLANTATION

- ▶ Lumenless Low Profile Leads
- ▶ MRI Compatibility
- ▶ LV Pacing
- ▶ SQ ICD
- ▶ Home Monitoring
- ▶ Novel Approaches in Difficult Cases

CONTROVERSIES IN INHERITED ARRHYTHMIA SYNDROMES

- ▶ LQTS 1 Patients on B-Blockers Should Play Sport
- ▶ Children with Brugada Syndrome Should Undergo EP Studies
- ▶ Pre Participation Screening for Sport Discriminates against Non-Sports Players
- ▶ ECG Screening in Schools Saves Lives
- ▶ All Schools Should Have an AED
- ▶ Children with ICDs May Take Part in Sport

Geriatrics*Arrhythmia Management in Older Persons with a Focus on Case Based Discussion***Program Chairs****W.K. Shen** - Scottsdale, USA**R. E. Vlietstra** - Lakeland, USA**T.T. Munger** - Rochester, USA**FAINTING AND FALLS: DETECTION, DIAGNOSIS AND PREVENTION**

- ▶ Recent Advances in Ambulatory Hemodynamic and Rhythm Monitoring
- ▶ **Case 1:** 82 yr W, diabetic w/ Parkinson's & recurrent syncope and falls: what is the pathophysiology and how can we help?
- ▶ **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
- ▶ **Case 3:** 88 yr M, EF 30%, MI 2 months ago, palpitations & near syncope x 3: what are you going to do?

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

- ▶ AF in the Elderly: 80 year-olds vs. 60 year-olds, Knowledge Gaps
- ▶ **Case 1:** 84 yr W, HTN, diabetic, cr 2.3 in setting of PAF: what would you recommend for anticoagulation?
- ▶ **Case 2:** 89 yr M, persistent AF, rapid ventricular rate, HTN, CHF and COPD: would you ablate the AVN, what pacemaker would you recommend?
- ▶ **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?

PACEMAKER & ICD: WHAT ARE KNOWLEDGE GAPS?

- ▶ Pacemaker and ICD: Implantation, Withhold and Withdraw Therapy
- ▶ **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?
- ▶ **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?
- ▶ **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

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

- ▶ Heart Failure in the Elderly: Systolic and Diastolic Dysfunction
- ▶ **Case 1:** 83 yr M, prior MI, NYHA III CHF, COPD, QRS duration 130 ms, Echo EF 25%
- ▶ **Case 2:** 88 yr W, renovascular HTN, PVCs, Sestamibi EF 60%, NYHA III CHF symptoms
- ▶ **Case 3:** 86 yr W, TAVR 1 month ago, EF 30%, NYHA III, LBBB: drugs vs. ICD vs. CRT?

EHRA 2013 Guidelines in Cardiac Pacing and CRT**Program Chair****M. Brignole** - Lavagna, ITA**A CASE-BASED APPROACH TO ESC-EHRA Guidelines on Cardiac Pacing and CRT**

- ▶ **Case 1:** A patient with normal heart and normal ECG had 3 unexplained syncopes without prodrome
- ▶ **Case 2:** A patient with ischemic cardiomyopathy, EF of 35%, narrow QRS developed persistent atrial fibrillation and heart failure
- ▶ **Case 3:** A patient with DDD pacemaker and complete AV block developed heart failure and fall of EF to 35%

EHRA Scientific Documents**Program Chairs****B. Gorenek** - Eskisehir, TUR**GYH. Lip** - London, GBR**EHRA SCIENTIFIC DOCUMENTS – WHAT'S NEW?**

- ▶ Translational Electrophysiology
- ▶ Management of VT
- ▶ New Devices in Heart Failure
- ▶ Arrhythmias in ACS
- ▶ Left Atrial Appendage Occlusion Devices
- ▶ Management of AF Patients Presenting with an Acute Coronary Syndrome and/or Undergoing PCI/Stenting

Young Electrophysiologists

Program Chair

T. de Potter - Aalst, BEL

TIPS, TRICKS AND ECG PEARLS - A CASE BASED DISCUSSION

RESEARCH BY YOUNG EPS

Women in EP

Program Chair

S. Ernst - London, GBR

HOW TO FACILITATE THE TRAINING? CAREERS IN ELECTROPHYSIOLOGY

- ▶ Is Different Training in Women and Men Necessary?
- ▶ Differences and Similarities in Training Programs in the EU
- ▶ Is Radiation Exposure a Reason to Avoid Training in EP?
- ▶ Starting a Family: Does It Impact on Training? Job Opportunities?
- ▶ Female Leadership in EP: The Role of Networking

THE FEMALE PATIENT DIFFERENT THAN THE MALE?

- ▶ Basic Electrophysiologic Features of Gender Differences
- ▶ Known Gender Differences in Cardiac Arrhythmias
- ▶ Outcome Measures in Large ICD Trials: Do Women Have the Same Risks?
- ▶ Gender Differences in Results of Catheter Ablation Procedures
- ▶ Inherited Congenital Conditions: Are Women Any Different?

Joint Sessions

Joint Sessions with Acute Cardiac Care Association (ACCA)

Program Chair

B. Gorenek - Eskisehir, TUR

ANTITHROMBOTIC THERAPY IN ATRIAL FIBRILLATION PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROMES

- ▶ Risk Assessment for Stroke Prevention
- ▶ Optimal Use of Antithrombotics in Patients Undergoing Primary PCI
- ▶ Anticoagulation Prior to and after Cardioversion
- ▶ Practical Recommendations on Using New Oral Anticoagulants in ACS

ARRHYTHMIC COMPLICATIONS OF ACUTE CORONARY SYNDROMES

- ▶ Improving CPR Quality to Ensure Survival
- ▶ How to Manage Fatal Arrhythmias During Primary PCI for STEMI
- ▶ Catheter Ablation for Sustained Ventricular Arrhythmias in ACS
- ▶ ICD/CRT Implantation in Cardiogenic Shock Patients Complicating STEMI

SUDDEN CARDIAC DEATH AFTER STEMI

- ▶ Limitations of Early Risk Stratification
- ▶ Lessons Learnt from the Autopsy Studies
- ▶ The Clinical Challenge Preventing SCD Immediately after STEMI
- ▶ How to Manage Electrical Storm in a Patient with ICD Presenting with STEMI



Joint Sessions with HRS

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

- ▶ Ablation Target Identification Using Body Surface Mapping
- ▶ Ablation Target Identification Using Endocardial Rotor Mapping
- ▶ Substrate Visualization Using MRI
- ▶ Novel 3D and 4D Catheter Navigation Technologies

DEBATE: IN THE ERA OF CATHETER ABLATION OF AF, ANTIARRHYTHMIC DRUG THERAPY WILL BECOME OBSOLETE

Joint sessions with the Chinese Society of Pacing and Electrophysiology

Program Chair

Shu Zhang - Beijing, CHN

PATIENTS MANAGEMENT FOR DEVICE THERAPY

- ▶ Use of Remote Monitoring Device in Asia Countries
- ▶ Remote Monitoring Clinical Workflow in China – A Real Life Example
- ▶ Survival in Patients Receiving CRT with and without a Defibrillator - China Registry Study
- ▶ How to Optimize CRT-D Programming: What's New?

ATRIAL FIBRILLATION

- ▶ Long-Term Outcome after Atrial Fibrillation Ablation: The Results from Chinese Registry
- ▶ Ablation in Atrial Fibrillation Patients: From Paroxysmal to Permanent
- ▶ Left Atrial Appendage Closure: Who Needs and Potential Future in China
- ▶ Cryoballoon Ablation: Will Be More Beneficial to Less Developed Countries?



Joint Sessions with EACPR

Program Chair

H. Heidbuchel - Leuven, BEL

ARRHYTHMIAS IN ATHLETES

ARRHYTHMIAS IN ATHLETES: FROM ELECTRICAL EVALUATION TO TREATMENT



Joint Session with SOLAECE

VT ABLATION - A TRANSATLANTIC PERSPECTIVE

- ▶ Management of VT in Chagas Disease
- ▶ Role of ECG Fractionation in Risk Stratification For Sudden Death in Hypertrophic Cardiomyopathy
- ▶ Role of MRI in VT Ablation
- ▶ VT Ablation in Every Patient with ICD Therapy?



Joint Sessions with EACVI

New Implantable Devices in Valvular Disease

Program Chairs

C. Butter - Hamburg, DEU

P. Lancellotti - Liege, BEL

MITRALCLIP FOR TREATMENT OF MITRAL REGURGITATION

- ▶ A Rapid Overview of the Implant Technique
- ▶ Echocardiography - Basis for Patient Selection and Procedural Treatment
- ▶ Clinical Indications by Studies and Real World Experience
- ▶ 3 Cases: Do and Don't s

MITRAL INCOMPETENCE AND HEART FAILURE

- ▶ Structural Anatomical Considerations - The Pathologist's View
- ▶ Evaluation of Underlying Mechanisms - The Echocardiographer's View
- ▶ Medical Treatment Options - The Heart Failure Specialist's View
- ▶ Treating the MV Minimal Invasively - The Interventional Surgeon's View
- ▶ The Device Based Resynchronization Approach - The Electrophysiologist's View



Joint Session with WG Valvular Heart Disease

Program Chair

Bernard Prendergast - Oxford, GBR

INTERVENTIONAL MITRAL REGURGITATION TREATMENT - DEVICE PARADE

- ▶ Edge- to- Edge Technique
- ▶ Annuloplasty / Coronary Sinus Approach
- ▶ Full Transcatheter Replacement
- ▶ Minimally Invasive Surgical Approach
- ▶ Electrical Approach - CRT



Joint Session with EAPCI

Program Chair

C. Butter - Hamburg, DEU

TAVI AND ELECTRICAL DISORDERS

- ▶ Degenerative Aortic Stenosis - Anatomy with Respect to the Conduction System
- ▶ Conduction Disorders after TAVI: Does Prothesis Type or Implant Technique Matter?
- ▶ Predictors of Post-Interventional PM Dependency
- ▶ Does Prior ECG Help?
- ▶ Does Prior Imaging Help
- ▶ Choice of Implantable Device



Joint Sessions with HFA

Remote Monitoring

Program Chair

R. Ricci - Rome, ITA

INTEGRATING REMOTE MONITORING OF CARDIAC IMPLANTABLE ELECTRONIC DEVICES INTO DAILY CLINICAL PRACTICE

HEALTH TECHNOLOGY ASSESSMENT OF DEVICE REMOTE MONITORING

BENEFITS OF REMOTE MONITORING OF CARDIAC IMPLANTABLE ELECTRONIC DEVICES ON DEVICE MANAGEMENT

BENEFITS OF REMOTE MONITORING OF CARDIAC IMPLANTABLE ELECTRONIC DEVICES ON DISEASE MANAGEMENT



Cardiac Risks in Cancer Therapy

Program Chair

I. van Gelder - Groningen, NLD

CANCER TREATMENT AND CARDIOTOXICITY: MONITORING, PREVENTION AND THERAPY



Joint Session with Asia Pacific Society of Cardiology

Program Chairs

K. Sethi - New Delhi, IND

J. Vohra - Melbourne, AUS

G. Sloman - Richmond, AUS

ATRIAL FIBRILLATION IN THE ASIA PACIFIC REGION



Joint session with APHRS

COGNITIVE DECLINE AFTER CATHETER ABLATION OF ATRIAL FIBRILLATION

- ▶ Cognitive Decline after Catheter Ablation of Atrial Fibrillation
- ▶ Silent Brain Lesions on MRI – A Morphological Correlate for Cognitive Function?
- ▶ Technical Aspects of AF Ablation to Reduce Silent Brain MRI Lesions
- ▶ Successful Sinus Rhythm Maintenance May Prevent Cognitive Decline in Patients with AF



Joint session with PASCAR, and Indian Heart Rhythm Society

- ▶ Managing Arrhythmias in Europe: the 2013 Update of the EHRA White Book
- ▶ Managing Arrhythmias in Africa
- ▶ Managing Atrial Fibrillation in India - Intricacies and Opportunities
- ▶ Partners across Borders in EP: A Role for EHRA



Joint session with JHRS

AF, ANTICOAGULATION, AND ABLATION

- ▶ Practice of Anticoagulation in Japan
- ▶ Practice of Anticoagulation in Europe in 2012
- ▶ Ablation and New Oral Anticoagulants in Japan
- ▶ Anticoagulation Peri-Ablation in Europe - Guidance from EHRA and Consideration of NOACs



Industry Symposia

As of today - to be completed

- LEFT ATRIAL APPENDAGE CLOSURE: WHAT DO WE KNOW AND WHERE DO WE GO?
- HIGH DEFINITION THERAPIES FOR CARDIAC ARRHYTHMIAS
- THE SUBCUTANEOUS ICD: WHO DOESN'T BENEFIT?
- DEBATE: TREATMENT OPTIONS FOR PATIENTS AT RISK OF SCA: TRANSVENOUS ICDs OR SUBCUTANEOUS ICDs

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

- FROM CRT DEVICE TO HEART FAILURE MANAGEMENT
- IMPROVING OUTCOMES IN AF ABLATION: CLINICAL EXPERIENCE WITH NEXT GENERATION CRYOBALLOON AND MULTIELECTRODE RF CATHETERS
- BRADYCARDIA PACING: WHAT'S NEXT?
- IMPLANTABLE CARDIAC MONITORS: LATEST TECHNOLOGICAL ADVANCES AND CLINICAL RESULTS

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

- ADVANCING ABLATION LESION EFFECTIVENESS
- OPTIMIZING THE MANAGEMENT OF HEART FAILURE, WHERE ARE WE AFTER 20 YEARS OF CRT?
- LEADLESS PACING
- LEFT ATRIAL APPENDAGE OCCLUSION: THE NEXT PARADIGM SHIFT IN STROKE PREVENTION?

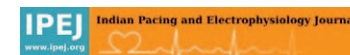
Sessions made possible thanks to an educational grant from **ST. JUDE MEDICAL**

More sessions to come from **BIOTRONIK**

More sessions to come from **SORIN GROUP**

ACAF sessions (see p. 8) made possible thanks to an unrestricted educational support from **BOEHRINGER INGELHEIM PHARMA**

Press Partners



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General Information**1) CARDIOSTIM EHRA EUROPAGE 2014 AND ITS TECHNICAL EXHIBITION WILL BE HELD AT NICE ACROPOLIS CONVENTION CENTRE**

1, Esplanade Kennedy - 06302 Nice Cedex 4 - France

2) LECTURES, POSTERS AND VIDEO-CLIPS

Online Abstract Submission will open in November 2013 on our website:

www.cardiostim.comThe deadline for submission of all abstracts for oral presentation, posters and video-clips is **January 13, 2014**.**3) OFFICIAL LANGUAGE**

English only.

4) TECHNICAL EXHIBITS

The technical exhibits will be located adjacent to the Conference rooms.

5) REGISTRATION FEESRegistration is possible on our website: www.cardiostim.com

The registration fees permit attendance to all sessions and exhibits on the day(s) registered for, they include coffee breaks and the Final Program.

More information on discounts on our website from November 2013.

6) HOUSINGReservation exclusively through our official housing Mathez Travel Agency on our website: www.cardiostimhousing.com

Benefit from negotiated rates.

The congress is holding a large contingent of rooms in Nice, but rooms will be assigned on a first-come, first-served basis.

7) TRANSPORTATION**- by air AIRFRANCE / KLM**Many international airlines serve the Nice international airport (www.nice.aeroport.fr).

The airlines of SKYTEAM, Official Alliance Network for our event, offer attractive airfares.

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Cardiostim / Reed Expositions France
 Tour Vista - 52-54, quai de Dion-Bouton - CS80001
 92806 Puteaux Cedex - France

CARDIOSTIM / EHRA EUROPACE 2014 REGISTRATION FEES

All prices include VAT.

		EARLY (until April 8, 2014)	LATE (from April 9, 2014)	ONSITE
Full rate	4 day registration	€ 818	€ 1 014	€ 1 135
	EHRA Member 4 days registration	€ 736	€ 913	€ 1 022
	1 day registration	€ 361	€ 457	€ 512
	Presenter rate (4 days)*	€ 522	€ 648	€ 648
Half rate**	4 day registration	€ 409	€ 507	€ 567,50
	1 day registration	€ 180,50	€ 228,50	€ 256
	Presenter rate (4 days)*	€ 261	€ 324	€ 324
Replacement badge (4 days)				€ 75
Replacement badge (1 day)				€ 30
Cancellation fee***: € 55 if withdrawal or cancellation notified in writing to the organizer by April 15, 2014 . After April 15, 2014 no refund of any kind for whatever reason.				

* Presenter rate: Abstract must have been accepted by the Scientific Committee. Copy of confirmation received from Cardiotstim is required

** Available only for Nurses, Interns/Students, Allied Professionals, Technicians (hospital staff), Radiologists, Obstetricians, Midwives and Pediatricians. Certificate from the Department Head has to be provided in order to benefit from the 50% discount.

*** In case of refunds, the amount will exclude VAT.

ONLINE REGISTRATION WILL CLOSE ON JUNE 5, 2014

ABSTRACTS

Abstract submission will open from mid-October.
Firm deadline for submission is **January 13, 2014**.
Please strictly follow instructions.



The abstracts selection committee will be composed of members of the Program Committee of EHRA Europace, and members of the Scientific & Organizing Committee of Cardiotstim.

Accepted submitted abstracts will be published in the EP Europace Journal, and will be on-line from June 15, 2014.

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 Edited by **David S. Brack, Samuel J. Asirvatham, Paul A. Friedman**
 ISBN: 978-1118-0002-0
 Hardcover: 128 pages
 February 2013
 \$259.95 | £59.95 | €97.70

With its focus on essential clinical information, and scientific, evidence-based approach, *Cardiac Pacing, Defibrillation and Resynchronization: A Clinical Approach* is the ideal guide for busy providers.

Thoroughly updated to reflect the latest knowledge and with a wealth of clinical content to address practitioners and residents, this concept, it is also an invaluable resource for those preparing for the Electrophysiology boards or other certification examinations.

What's new in this edition?

- More answers to your most common clinical questions
- Provides a logical progression from diagnostic selection and devices and indications to hardware selection and device implementation
- Includes important updates in all covered areas, especially in chapters on CRT and ICD therapies, where significant advances have been made recently
- Features over 700 illustrations, most in full color

Journal Spotlight... FREE SAMPLE ISSUES ONLINE

Pacing and Clinical Electrophysiology
 Edited by: John E. Poole, Richard M. Lesh
wileyonlinelibrary.com/journal/jcep

Journal of Cardiac Electrophysiology
 Edited by: Eric N. Prystowsky
 Impact Factor: 3.875
wileyonlinelibrary.com/journal/jcep

Electrophysiology: A Practical Approach, 2nd Edition
 Edited by: David S. Brack, Samuel J. Asirvatham, Paul A. Friedman
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