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**14:00 - 19:00 Registration**

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15:00 - 16:30 Mini-Courses (Courses A & B)

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**15:00 - 18:30 Course A - CRT: How-to-Manage Patient Before, During and After Implantation**

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**15:00 - 16:30 1st Session: Patients Selection, Implantation Techniques** Hall B

Chairs: **Andre Keren, MD**, Professor of Medicine, Hadassah University Hospital,  
Jerusalem, Israel

**Goran Milasinovic, MD, PhD**, Associate Professor of Cardiology, Institute of  
Cardiovascular Diseases, Belgrade, Serbia

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15:00 **How do I Select Patients for CRT**

Mariavittoria Pitzalis, MD, PhD

*Professor of Medicine, Director of HF Program, Division of Cardiology, Brody  
School of Medicine, East Carolina University, Greenville, NC, USA*

15:15 **Preoperative Workup and Preparation for CRT Implantation**

Charles J Love, MD

*Professor of Medicine, Director, Cardiac Rhythm Device Services, Ohio State  
University Medical Center, Columbus, OH, USA*

Implantation Techniques:

15:25 **Tips & Tricks for Successful Implantation CRT Devices**

Randy A Lieberman, MD

*Associate Professor of Medicine at Michigan State University School of Medicine,  
Director of Cardiac Electrophysiology at Harper University Hospital, Detroit, MI,  
USA*

15:45 **Advantages and Techniques of Noninvasive Imaging of the Coronary Veins Prior to Implantation**

Orly Goitein, MD

*Head, Cardiovascular Imaging, Department of Diagnostic Radiology, Sheba Medical  
Center, Tel Hashomer, Ramat Gan, Israel*

16:00 **Case Presentations - Interactive Discussion with Faculty and Participants**

Presenter: Vladimir Khalameizer, MD

*Director, EP & Pacing Unit, Cardiology Department, Barzilai Medical Center,  
Ashkelon, Israel*

Discussant: Bruce L. Wilkoff, MD

*Director, Cardiac Pacing & Tachyarrhythmia Devices, Department of Cardiovascular  
Medicine, Professor of Medicine, Cleveland Clinic Lerner College  
of Medicine of Case Western Reserve University, Cleveland, OH, USA*

16:30 - 17:00 **Coffee Break, Posters & Exhibition Visit**

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**17:00 - 18:30 2nd Session: Post-implant Management of Patients with Implanted CRT Devices and its Optimization** Hall B

Chairs: **Guy Amit, MD**, Cardiology Department, Soroka Medical Center, Beer Sheva, Israel

**Jay N Gross, MD**, Professor of Medicine, Cardiology, Director, Pacemaker Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA

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**17:00 Non Responders: Definition and Management**

Jeffrey J Goldberger, MD

*Professor of Medicine, Director, Cardiac Electrophysiology, Feinberg School of Medicine Northwestern University, Chicago, IL, USA*

Implantable Cardiac Devices

**17:15 AV and VV Delay Optimization**

David L Hayes, MD

*Professor of Medicine, Chair, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA*

**17:30 Complication and Late Loss of LV Pacing**

Bruce L Wilkoff, MD

*Director, Cardiac Pacing & Tachyarrhythmia Devices, Department of Cardiovascular Medicine, Professor of Medicine, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland, OH, USA*

**17:45 Coronary Sinus Lead Extraction**

Charles J Love, MD

*Professor of Medicine, Director, Cardiac Rhythm Device Services, Ohio State University Medical Center, Columbus, OH, USA*

**18:00 Case Presentation and Interactive Discussion with Faculty and Participants**

Jay N Gross, MD

*Professor of Medicine, Cardiology, Director, Pacemaker Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA*

**15:00 - 18:30 Course B - How to Ablate Atrial Fibrillation**

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**15:00 - 16:30 1st Session: Technical Aspects of AF Ablation (Who and When?)** Hall C

Chairs: **Luc J Jordaens, MD, PhD**, Professor of Cardiology, Director, Clinical Electrophysiology, Thoraxcenter, Erasmus Medical Center, Rotterdam, The Netherlands

**David Luria, MD**, Leviev Heart Center, Sheba Medical Center and Tel Aviv University, Tel Hashomer, Israel

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15:00 **How Will Robotic Technology Affect AF Ablation? Long-term Follow-up**

Josef Kautzner, MD, PhD

*Professor of Medicine, Head, Department of Cardiology, Institute for Clinical and Experimental Medicine, Prague, Czech Republic*

15:15 **Percutaneous Epicardial AF Ablation**

Kalyanam Shivkumar, MD, PhD

*Director, UCLA Cardiac Arrhythmia Center & EP Programs, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA*

15:30 **The Role of Magnetic Navigation System in AF Ablation**

Luc J Jordaens, MD, PhD

*Professor of Cardiology, Director, Clinical Electrophysiology, Thoraxcenter, Erasmus Medical Center, Rotterdam, The Netherlands*

15:45 **Multimodality Image-Guided AF Ablation**

Douglas L Packer, MD

*Professor of Medicine, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA*

16:00 **Outcome and Complications of AF Ablation**

Gerhardt Hindricks, MD

*Professor of Medicine, Director of the Department of Electrophysiology at the University Leipzig, Heart Center, Germany*

16:15 **Discussion**

16:30 - 17:00 **Coffee Break, Posters & Exhibition Visit**

**17:00 - 18:30 2nd Session: Clinical Aspects of AF Ablation** Hall C

Chairs: **Samuel Levy, MD**, Professor of Cardiology, Hospital Nord, and School of Medicine, Marseille, France

**Shimon Rosenheck, MD**, Director, EP & Pacing Unit, Hadassah University Medical Center, Jerusalem, Israel

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17:00 **Controversies in AF Ablation**

Alan H Kadish, MD

*Professor of Medicine, Feinberg School of Medicine, Northwestern University, Chicago, IL, USA*

17:15 **Approaches to Define Success of AF Ablation**

Samuel Levy, MD

*Professor of Cardiology, Hospital Nord, and School of Medicine, Marseille, France*

17:30 **How Do You Like Your CFAE in AF?**

Melvin M Scheinman, MD

*Professor of Medicine, Cardiac Electrophysiology, University of California San Francisco, San Francisco, CA, USA*

17:45 **The Role of Implantable Devices in Monitoring and Management Patients with AF**

Randy A Lieberman, MD

*Associate Professor of Medicine at Michigan State University School of Medicine, Director of Cardiac Electrophysiology at Harper University Hospital, Detroit, MI, USA*

18:00 **When We Stop Anticoagulation Therapy after AF and AFl Ablation?**

Gerhardt Hindricks, MD, PhD

*Professor of Medicine, Director of the Department of Electrophysiology, at the University Leipzig, Heart Center, Germany*

18:15 **Discussion**

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**15:00 - 19:00 Workshop for Internists, Cardiologists and Fellows in Internal Medicine and Cardiology: Basic Concepts in Arrhythmia Management** Hall F

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**Thanks to non-restricted educational grants from BOSTON SCIENTIFIC & ST. JUDE MEDICAL**

Course Directors:

Jay N. Gross, MD

*Professor of Medicine, Cardiology, Director, Pacemaker Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA*

Andrew Krumerman, MD

*Ass. Professor of Medicine, Attending, Arrhythmia Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA*

**15:00 - 16:30 1st Session: Pacemakers: Basic Concepts** Hall F

Chairs: **Shlomo Amikam, MD**, Deputy Director, Cardiology Department , Rambam Medical Center, Haifa, Israel

**David L. Hayes, MD**, Professor of Medicine, Chair, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA

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15:00 **Introduction**

*Course Directors: Jay N. Gross, MD and Andrew Krumerman, MD*

15:20 **Indications for Pacemaker Implantation**

*David L Hayes, MD*

*Professor of Medicine, Chair, Division of Cardiovascular Diseases, Mayo Clinic, Mayo Clinic, USA*

15:40 **Pacemaker Codes and the Selection of Pacing Mode for the Individual Patient**

*Jay N Gross, MD*

*Professor of Medicine, Cardiology, Director, Pacemaker Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA*

16:00 **Pacemaker Emergencies. ECG Interpretation of Atrial, Ventricular, Atrial-based and Biventricular Pacing**

*Andrew Krumerman, MD*

*Ass. Professor of Medicine, Attending, Arrhythmia Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA and faculty*

16:30 - 17:00 **Coffee Break, Posters & Exhibition Visit**

**17:00 - 19:00 2nd Session: Sudden Cardiac Death Prevention: Various Aspects** Hall F

Chair: **Arthur J. Moss, MD**, Professor of Medicine, University of Rochester Medical Center, Heart Research Follow-up Program, Rochester NY, USA

**Zvi Vered, MD**, Professor of Cardiology, Director, Department of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Assaf Harofeh Medical Center, Zerifin, Israel.

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17:00 **Magnitude and Patient Demographics of SCD**

Douglas P Zipes, MD

*Distinguished Professor, Indiana University School of Medicine, Krannert Institute of Cardiology, Indianapolis, IN, USA*

17:20 **ICD Therapy: Basic Concepts of Arrhythmia Detection, Defibrillation, and Anti-tachycardia Pacing Therapy**

Arthur Moss, MD

*Professor of Medicine, University of Rochester Medical Center, Heart Research Follow-up Program, Rochester NY, USA*

17:40 **Indications for ICD Implantation**

Alan H Kadish, MD

*Professor of Medicine, Feinberg School of Medicine, Northwestern University, Chicago, IL, USA*

18:00 **Cost-effectiveness of ICD for Primary Prevention of SCD**

Douglas P Zipes, MD

*Distinguished Professor, Indiana University School of Medicine, Krannert Institute of Cardiology, Indianapolis, IN, USA*

18:20 **Reliability of ICD Devices and Devices Failure**

Charles J Love, MD

*Professor of Medicine, Director, Cardiac Rhythm Device Services, Ohio State University Medical Center, Columbus, OH, USA*

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**19:00 - 21:00 Get Together Reception**

Hall D

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**08:00 - 08:30 Registration & Refreshments**

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Translation from English to Russian will be held in Hall A, on September 23-24, Supported by an educational grant from MEDTRONIC

08:30 - 10:00 Parallel Sessions (S1-S4)

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**08:30 - 10:00 S1 - EP/Pacing - What is New in Heart Failure Management? Hall A**

Chairs: **Randy A. Lieberman, MD**, Associate Professor of Medicine at Michigan State University School of Medicine, Director of Cardiac Electrophysiology at Harper University Hospital, Detroit, MI, USA

**Panos E. Vardas, MD, PhD**, Professor of Medicine, Chief, Cardiology Department, Heraklion University Hospital, Greece

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08:30 **CRT: State of the Art**

Randy A Lieberman, MD

Associate Professor of Medicine at Michigan State University School of Medicine, Director of Cardiac Electrophysiology at Harper University Hospital, Detroit, MI, USA

08:50 **Device-based Monitoring of Heart Failure**

Frieder Braunschweig, MD

Cardiology Department, Karolinska University Hospital, Stockholm, Sweden

09:05 **Vagal Stimulation in Heart Failure**

Peter J Schwartz, MD, PhD

Professor of Medicine, Department of Lung, Blood and Heart, University of Pavia, Italy

09:20 **Update on Cardiac Contractility Modulation for the Treatment of Heart Failure**

Alan H Kadish, MD

Professor of Medicine, Feinberg School of Medicine, Northwestern University, Chicago, IL, USA

09:35 **Utilizing Remote Monitoring in Clinical Practice: Interrogation, Patient Management & the Personal Health Record**

Bruce L Wilkoff, MD

Director, Cardiac Pacing & Tachyarrhythmia Devices, Department of Cardiovascular Medicine, Professor of Medicine, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland, OH, USA

**08:30 - 10:00 S2 - Pediatric Arrhythmias (1st Session)**

Hall E

Chairs: **Gil J. Gross, MD**, Cardiology Division, Hospital for Sick Children, Toronto, Canada

**Rami Fogelman, MD**, Director, Pacing & EP Unit, Schneider Children Medical Center, Petach Tikva, Israel

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**Arrhythmias Management in Patients with Congenital Heart Diseases**

08:30 **Resynchronization with Epicardial Pacing Leads**

Urs Bauersfeld, MD

*Professor of Pediatrics, Division of Pediatric Cardiology, University Children's Hospital, Zurich, Switzerland*

09:00 **Post-op AV Block in Congenital Heart Surgery**

Gil J Gross, MD

*Cardiology Division, Hospital for Sick Children, Toronto, Canada*

09:30 **Management of Ventricular Arrhythmias in Congenital Heart Disease**

Eric Rosenthal, MD

*Department of Congenital Heart Disease, Evelina Children's Hospital, London, United Kingdom*

**08:30 - 10:00 S3 - Awarded Case Presentations: Results of the Cardiology Fellow's Case Competition** Hall C

Chair: **Michael Eldar, MD**, Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

**Jeffrey J. Goldberger, MD**, Professor of Medicine, Director, Cardiac Electrophysiology, Feinberg School of Medicine at Northwestern University, Chicago, IL, USA

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08:30 **Gross Pathology Following Epicardial Ablation of Perianeurysmal Ventricular Tachycardia**

*Robert M Siegel, MD, Jay N Gross, MD, John Fisher, MD, Avi Fischer, Andrew Krumerman, MD*

*Arrhythmia Service, Montefiore Medical Center, Bronx, NY, USA*

08:38 *Discussant: Kalyanam Shivkumar, MD, Ph.D*

*Director, UCLA Cardiac Arrhythmia Center & EP Programs, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA*

08:51 **Dual Antegrade Response Mimicking Ventricular Tachycardia in a Young Woman with Syncope**

*Robert Schaller, DO, MS, Eugene Rhim, MD*

*Department of Cardiovascular Medicine, Lenox Hill Hospital, New York, NY, USA*

08:59 *Discussant: Luc J Jordaens, MD, PhD*

*Professor of Medicine, Director, Clinical Electrophysiology, Thoraxcenter, Erasmus Medical Center, Rotterdam, The Netherlands*

09:12 **A Unique Solution to Manage ICD Lead Fracture: Use of a Custom Designed Adaptor which Bypasses the DF-1 Connector Lead Fracture**

*Jorge E Schliamser, MD, Jeffrey J Goldberger, MD*

*Northwestern Memorial Hospital, Feinberg School of Medicine, Northwestern University, Chicago, IL, USA*

09:20 *Discussant: Charles J. Love, MD*

*Professor of Medicine, Director, Cardiac Rhythm Device Services, Ohio State University Medical Center, Columbus, OH, USA*

09:33 **The A That Did Not Fib: Two Roads Both Traveled By**

*James C Hansen, MD, Abraham G Kocheril, MD*

*Section of Cardiology, University of Illinois at Chicago, Chicago, IL, USA*

09:41 *Discussant: Melvin M. Scheinman, MD*

*Professor of Medicine, Cardiac Electrophysiology, University of California San Francisco, San Francisco, CA, USA*

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**08:30 - 10:00 S4 - Allied Professionals (1st Session)**

Hall B

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10:00 - 10:30 **Coffee Break, Posters & Exhibition Visit**

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**10:30 - 12:00 PL1 - Plenary Session I** Hall A  
Chairs: **Michael Eldar, MD**, Co-Chair, Executive Scientific Board, Ramat Gan, Israel  
**Michael Glikson, MD**, Chair, Organizing Committee, Ramat Gan, Israel  
**I. Eli Ovsyshcher**, President of the Symposium, Beer Sheva, Israel

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**Opening Remarks**

**Greetings**

**First Morton M. Mower Keynote Lecture: "Electrical Control of Contractility"**

*Morton M Mower, MD*

*Baltimore, Maryland, USA*

10:30 - 12:00 Parallel Sessions (S5-S6)

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**10:30 - 12:00 S5 - Pediatric Arrhythmias (2nd Session)** Hall E  
Chairs: **Eric Rosenthal, MD**, Department of Congenital Heart Disease, Evelina  
Children's Hospital, London, United Kingdom  
**Eli Zalstein, MD**, Director, Pediatric Cardiology, Soroka Medical Center, Ben  
Gurion University, Beer Sheva, Israel

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**Advances in Diagnosis and Treatment Arrhythmias in Children**

10:30 **New Approaches of Noninvasive Diagnosis and Treatment of Arrhythmias in Children**

*Maria A Shkolnikova, MD, PhD*

*Professor of Pediatrics, Head, Federal Russian Center for Children's Arrhythmia  
and, Research Institute for Sick Children, President, Russian Association of  
Pediatric Cardiologists, Moscow, Russia*

11:00 **Long Q-T Syndromes**

*Peter J Schwartz, MD, PhD*

*Professor of Medicine, Department of Lung, Blood and Heart, University of Pavia,  
Pavia, Italy*

11:30 **Early and Mid-term Results of Cryoablation**

*Joel A Kirsh, MD*

*Cardiology, Hospital for Sick Children, Faculty of Medicine, University of Toronto,  
Toronto, Canada*

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**10:30 - 12:00 S6 - Allied Professionals (2nd Session)** Hall B

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12:00 - 12:15 **Break**

**12:15 - 14:15 SS1 - Satellite Symposium BIOTRONIK Luncheon** Hall D

Chairs: **Jagmeet Singh, MD, DPhil**, Assistant Professor, Harvard Medical School,  
Director, Cardiac Resynchronization Therapy  
Program Cardiac Arrhythmia Service, Heart  
Center Massachusetts General Hospital,  
Co-Director, Cardiac Arrhythmia Service,  
Charlton Memorial Hospital, Boston, MA, USA

**Amos Katz MD**, Professor of Cardiology, Director, Cardiology Department,  
Barzilai Medical Center, Ashkelon, Israel

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**Home Monitoring: The Road to Advanced Patient Management**

**Introduction**

Jagmeet Singh, MD, DPhil  
Boston, MA, USA

**Past, Present and Future: Remote Monitoring of Cardiovascular Implantable  
Electronic Devices**

Luc J Jordaens, MD, PhD  
Professor of Cardiology, Director, Clinical Electrophysiology, Thoraxcentre,  
Erasmus Medical Center, Rotterdam, The Netherlands

**Insight into Home Monitoring Technology for Clinical Users**

Hans-Jurgen Wildau, PhD  
Berlin, Germany

**Extending ICD Patients Follow-Up: The Scientific Evidence**

Gerhard Hindricks, MD, PhD  
Professor of Medicine, Director, Department of Electrophysiology, University  
Leipzig, Heart Center, Germany

**Continuous Remote Monitoring in CRT Patients: Present and Future**

Jagmeet Singh, MD, DPhil  
Boston, MA, USA

**The Israeli Home Monitoring Experience**

Amos Katz, MD  
Ashkelon, Israel

12:15 - 13:30 Parallel Sessions (S7-S9)

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**12:15 - 13:30 S7 - Joint Symposium of Russian Clinical Electrophysiology, Arrhythmology and Cardiac Pacing Society and Israeli Group on Cardiac Pacing & Electrophysiology** Hall A

Chairs: **I. Eli Ovsyshcher, MD, PhD**, Professor of Medicine/Cardiology, Ben Gurion University, Heart Institute, Clalit Health Services, Beer Sheva, Israel

**Amiran S. Revishvili, MD, PhD**, Professor of Cardiac Surgery, Head, Department of Tachyarrhythmias & Clinical Electrophysiology, Bakoulev Scientific Center for Cardiovascular Surgery, Russian Academy of Medical Science, Moscow, Russia

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12:15 **Sudden Cardiac Death: Old Problem with New Solutions**

Elena Golukhova, MD, PhD

*Professor of Cardiology, Head, Cardiology Department, Chief, Educational Program, Bakoulev Scientific Center for Cardiovascular Surgery, Russian Academy of Medical Science, Moscow, Russia*

12:30 **Outcome after Implantation of ICD in Patients with Brugada Syndrome**

Bernard Belhassen, MD

*Professor of Cardiology, Director, Cardiac Electrophysiology Laboratory, Sourasky Medical Center, Sackler-School of Medicine, Tel Aviv, Israel on behalf of a Multicenter Israeli Study (ISRABRU)*

12:45 **Diverging Trends in Cardiovascular Mortality in Israel and Russia in the European Context**

Vladimir Shkolnikov, MD, PhD

*Head, Laboratory of Demographic Data, Max Planck Institute for Demographic Research, Rostock, Germany*

13:00 **How to Predict Benefit of Prophylactic ICD Implantation?**

Ilan Goldenberg, MD

*Cardiology Department and Neufeld Cardiac Research Institute, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel, Medical Services Center, I.D.F, and Heart Research Follow-Up Program, University of Rochester Medical Center, Rochester NY, USA*

13:15 **Discussion**

13:30 - 14:30 **Lunch, Posters & Exhibition Visit**

**12:15 - 13:30 S8 - Pediatric Arrhythmias (3rd Session)** Hall E

Chairs: **Joel A. Kirsh, MD**, Cardiology, Hospital for Sick Children, and Faculty of  
Medicine, University of Toronto, Canada  
**Leonard Blieden MD**, Rabin Medical Center, Petach Tikva, Israel

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**Non-pharmacological Management of Arrhythmias in Children**

12:15 **Is Asymptomatic WPW Syndrome a Benign Entity?**

*Urs Bauersfeld, MD*

*Professor of Pediatrics, Division of Pediatric Cardiology, University Children's  
Hospital, Zurich, Switzerland*

12:45 **Catecholamine Polymorphic VT – Diagnosis, Treatment and Follow-up**

*Monther Boulos, MD<sup>1</sup>, Asaad Khoury, MD<sup>2</sup>*

*<sup>1</sup>Director, Electrophysiology Unit, <sup>2</sup>Cardiology Department, Rambam Medical  
Center, Haifa, Israel*

13:15 **Discussion**

13:30 - 14:30 **Lunch, Posters & Exhibition Visit**

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**12:15 - 13:30 S9 - Allied Professionals (3rd Session)** Hall B

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13:30 - 14:30 **Lunch, Posters & Exhibition Visit**

Parallel Sessions (S10-S14)

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**14:30 - 16:00 S10 - Atrial Fibrillation: From Cell to Bedside** Hall A

Chairs: **Charles Antzelevitch, PhD**, Executive Director/Director of Research, Gordon  
K. Moe Scholar, Masonic Medical Research  
Laboratory, Utica, NY, USA

**Bernard Belhassen, MD**, Professor of Cardiology, Director, Cardiac  
Electrophysiology Laboratory Sourasky Medical  
Center, Sackler-School of Medicine, Tel Aviv, Israel

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**Thanks to an educational grant from MEDTRONIC**

14:30 **Mechanisms of Atria Remodeling: Electrophysiological and Anatomical Changes- are these "Usual Suspects" Really Guilty?**

*David S Rosenbaum, MD*

*Professor of Medicine & Biomedical Engineering, Chief of Cardiology and Director,  
Heart & Vascular Center MetroHealth Campus, Case Western Reserve University,  
Cleveland, OH, USA*

14:50 **Atrial-selective Potassium and Sodium Channel Blocker Drugs - the Ultimate Solution?**

*Charles Antzelevitch, PhD*

*Executive Director/Director of Research, Gordon K. Moe Scholar, Masonic Medical  
Research Laboratory, Utica, NY, USA*

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**14:30 - 16:00 S10 - Atrial Fibrillation: From Cell to Bedside (Cont.)** Hall A

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15:10 **How to Ablate Permanent Atrial Fibrillation**

Kalyanam Shivkumar, MD, PhD

*Director, UCLA Cardiac Arrhythmia Center & EP Programs, David Geffen School of Medicine at UCLA, Los Angeles, Los Angeles, CA, USA*

15:30 **How to Define Success of AF Ablation?**

Josef Kautzner, MD, PhD

*Professor of Medicine, Head, Department of Cardiology, Institute for Clinical and Experimental Medicine, Prague, Czech Republic*

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**14:30 - 16:00 S11 - Surgery for Arrhythmias: Current State of the Surgical Ablation for AF (1st Session)** Hall C

Chairs: **Niv Ad, MD**, Director of Cardiac Surgery Research, the Inova Heart and Vascular Institute, VA, USA

**Ehud Raanani, MD**, Director, Cardiac Surgery, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

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**Thanks to educational grant from MEDTRONIC**

14:30 **Surgery for Atrial Fibrillation: Past, Present, Future**

Niv Ad, MD

*Director of Cardiac Surgery Research, the Inova Heart Institute, VA, USA*

14:50 **An Overview of Ablation Technology: The Search for the Perfect Device**

Amir Elami, MD

*Department of Cardiothoracic Surgery, Hadassah University Hospital, Jerusalem, Israel*

15:05 **Surgery for Atrial Fibrillation: Single Center Experience**

Leonid Sternik, MD

*Cardiac Surgery, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel*

15:20 **Surgical Ablation following Percutaneous Ablation**

Niv Ad, MD

*Director of Cardiac Surgery Research, the Inova Heart and Vascular Institute, VA, USA*

15:35 **Electrocardiographic and Electrophysiologic Findings Following Surgical Ablation**

Eyal Nof, MD

*Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel*

**14:30 - 16:00 S12 - Pediatric Arrhythmias (4th Session)**

Hall E

Chairs: **Urs Bauersfeld, MD**, Professor of Pediatrics, Division of Pediatric Cardiology,  
University Children's Hospital, Zurich, Switzerland  
**Abraham Matitiau, MD**, Kaplan Medical Center, Rechovot, Israel

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**Case Presentations and Interactive Discussion with Faculty and Participants**

**Presenters:**

*Asaad Khoury MD, Cardiology, Rambam Medical Center, Haifa*

*Daniel Fink, MD, Cardiology, Emek Medical Center, Afula, Israel*

*Joel Kirsh, MD, Cardiology, Hospital for Sick Children, Faculty of Medicine, University of Toronto, Toronto, Canada*

*Zeev Perlis, MD, Cardiology, Hadassah Medical Center, Jerusalem, Israel*

*Moshe Swissa, MD, Cardiology, Kaplan Medical Center, Rechovot, Israel*

**14:30 - 16:00 S13 - How to Deal with Difficult Lead Implantation and Extraction? Hall B**

Chairs: **Charles J. Love, MD**, Professor of Medicine, Director, Cardiac Rhythm Device Services, Ohio State University Medical Center, Columbus, OH, USA

**Michael Glikson, MD**, Associated Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director of Pacing & Electrophysiology, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel

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14:30 **Lead Extraction: Update**

Charles J Love, MD

*Professor of Medicine, Director, Cardiac Rhythm Device Services, Ohio State University Medical Center, Columbus, OH, USA*

14:50 **Managing Difficult Venous Access**

Randy A Lieberman, MD

*Associate Professor of Medicine at Michigan State University School of Medicine, Director of Cardiac Electrophysiology at Harper University Hospital, Detroit, MI, USA*

15:05 **Infections in Patients with Implantable Device - Update**

David L Hayes, MD

*Professor of Medicine, Chair, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA*

15:20 **Case Presentations and Interactive Discussion with Faculty and Participants**

Bruce L Wilkoff, MD

*Director, Cardiac Pacing & Tachyarrhythmia Devices, Department of Cardiovascular Medicine, Professor of Medicine, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland, OH, USA*

**14:30 - 16:00 S14 - Guided Posters (1st Session)** Hall F

Chairs: **Lior Gepstein, MD, PhD**, Associate Professor of Medicine (Cardiology) and Physiology, The Sohnis Laboratory for Cardiac Electrophysiology and Regenerative Medicine, The Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Israel

**Malka Yahalom, MD, DSc**, Director, Pacemaker Unit, Western Galilee Hospital, Nahariya, Israel

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**Sudden Cardiac Death and Ventricular Arrhythmias**

**1 "K897T" The Silent Killer**

(14:30) *Eyal Nof, MD<sup>1</sup>, Moshe Gunsburg, MD<sup>2</sup>, Victor A Medina-Ravell, MD<sup>3</sup>, Gan-Xin Yan, MD, PhD<sup>4</sup>, Charles Antzelevitch, PhD<sup>1</sup>*

*<sup>1</sup> Masonic Medical Research Laboratory, Utica, NY, <sup>2</sup> Brookdale Univ. Hospital & Medical Center, Brooklyn, NY, USA, <sup>3</sup> Centro Medico "Guerra Mendez, Valencia, Venezuela, <sup>4</sup> Main Line Health Heart Center, Wynnewood, PA, USA*

**2 Excellent Long-Term Reproducibility of the Electrophysiologic Efficacy of Quinidine in Patients with Idiopathic Ventricular Fibrillation or Brugada Syndrome**

(14:39) *Bernard Belhassen, MD, Aharon Glick, MD, Sami Viskin, MD*  
*Cardiology, Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel*

**3 New Method of Training of Electrophysiologists with Use Human Platinated Hearts**

(14:48) *Maxim Didenko, PhD, MD<sup>1</sup>, Dmitriy Starchik, PhD, MD<sup>2</sup>, Sergey Marchenko, PhD, MD<sup>3</sup>*

*<sup>1</sup> Surgical and Interventional Arrhythmology, Military Medical Academy, <sup>2</sup> International Morphological Centre, <sup>3</sup> Cardiac Surgery, Military Medical Academy, Saint-Petersburg, Russia*

**4 Wide Complex Tachycardia: A Diagnostic Dilemma**

(14:57) *Seth Hurwitz, MD, Nicholas Wanahita, MD, Jared Corriel, MD, Jason Esses, MD, Sam Hanon, MD, Paul Schweitzer*  
*Cardiovascular Disease, Internal Medicine, Albert Einstein College of Medicine, New York, USA*

**5 High Density Substrate Mapping in Brugada Syndrome – Combined Role of Conduction and Repolarization Heterogeneities in Arrhythmogenesis**

(15:06) *Pier Lambiase, PhD MRCP<sup>1</sup>, Akbar Ahmed, MD<sup>1</sup>, Edward Ciaccio, PhD<sup>2</sup>, Ramon Brugada, MD FACC<sup>3</sup>, Eric Lizotte, PhD<sup>3</sup>, Sanjay Chaubey, MSc MRCS<sup>1</sup>, Anthony Chow, MD FRCP<sup>1</sup>, Martin Lowe, PhD FRCP<sup>1</sup>, William McKenna, MD FRCP<sup>1</sup>*

*<sup>1</sup> Cardiology, University College London, London, UK, <sup>2</sup> Cardiology, Columbia University, New York, USA, <sup>3</sup> Medicine, Montreal University, Montreal, Canada*

**6 Non-ischemic Ventricular Arrhythmias: Risk Stratification and Selection of Treatment**

(15:15) *Amiran Revishvili, PhD, MD, Marina Noskova, PhD, MD*  
*Cardiovascular Disease, Cardiac Arrhythmias, Bacoulev Scientific Centre for Cardiovascular Surgery, Moscow, Russia*

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**7 Risk Factors for Sudden Cardiac Death**

(15:24) Rivka Sheffer<sup>1</sup>, Tal Alon<sup>2</sup>, Manfred Green<sup>3</sup>, Tammy Shohat<sup>1</sup>

<sup>1</sup> *Tel-Aviv Health District, Ministry of Health*, <sup>2</sup> *Tel-Aviv University, Department of Epidemiology and Preventive Medicine, Tel-Aviv*, <sup>3</sup> *Israel Center of Disease Control, Ministry of Health, Tel-Hashomer, ISREAL*

**8 Are Days of Ventricular Tachycardia/ Fibrillation Different?**

(15:33) Elyahu Stoupel, MD, PhD, DSc<sup>1,2</sup>, Jairo Kusniec, MD<sup>1,2</sup>, Alexander Mazur, MD<sup>1,2</sup>, Evgeny Abramson, MD, PhD<sup>3</sup>, Peter Israelevich, PhD<sup>4</sup>, Boris Strasberg, MD<sup>1,2</sup>

<sup>1</sup> *Cardiology, Rabin Medical Center, Petah Tikva*, <sup>2</sup> *Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv*, <sup>3</sup> *Epidemiology & Informatics Unit, Rabin Medical Center, Petah Tikva*, <sup>4</sup> *Geophysics & Cosmic Sciences, Tel Aviv University, Ramat Aviv, Tel Aviv, Israel*

**9 Are Gap Junctions Involved in Antiarrhythmic Effects of Atorvastatin and Omega-3 Fatty Acids?**

(15:42) Narcis Tribulova, DSc<sup>1</sup>, Vladimir Knezl, PhD<sup>2</sup>, Barbora Bacova, MSc<sup>3</sup>, Lucia Kolenova, MSc<sup>4</sup>, Marcela Mitasikova, RNDr<sup>1</sup>, Katarina Dlugosova, RNDr<sup>1</sup>, Ludmila Okruhlicova, PhD<sup>1</sup>, Jan Slezak, DSc<sup>1</sup>

<sup>1</sup> *Institute for Heart Research*, <sup>2</sup> *Institute of Exper. Pharmacology, Slovak Acad.Sci*, <sup>3</sup> *Fac. Life Sci*, <sup>4</sup> *Med. Fac, Comenius Univ, Bratislava, Slovakia*

**10 Drug-induced Torsades de Pointes in Patients Aged 80 years or More**

(15:51) Yael Paran, MD, Michael Swartzon, MD, Yaron Arbel, MD, Dan Justo, MD

*Department of Internal Medicine D, Internal Medicine, Sourasky Medical Center, Tel-Aviv, Israel*

**16:00 - 16:30 Coffee Break, Posters & Exhibition Visit**

16:30 - 18:30 Parallel Sessions (S15-S18)

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**16:30 - 18:30 S15 - What is New in SCD Prevention?**

Hall B

Chairs: **Alexander Battler, MD**, Professor of Cardiology and David Halperne Chair in Cellular and Molecular Cardiology, Sackler Faculty of Medicine Tel-Aviv University, Director, Cardiology Department, Rabin Medical Center, Petach Tikva, Israel

**Douglas P. Zipes, MD**, Distinguished Professor, Indiana University School of Medicine Krannert Institute of Cardiology, Indianapolis, IN, USA

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**Thanks to an educational grant from MEDTRONIC**

16:30 **Sudden Cardiac Death – Unsolved Problem**

Douglas P Zipes, MD

*Distinguished Professor, Indiana University School of Medicine, Krannert Institute of Cardiology, Indianapolis, IN, USA*

16:50 **Bridging the Risk of Sudden Arrhythmic Death: Experience with the Wearable Defibrillator (WCD)**

Helmut U Klein, MD

*Professor of Medicine, University of Rochester Medical Center, Heart Research Follow-up Program, Rochester NY, USA*

17:10 **Long Term Cardiac Arrhythmias in Patients with Reduced EF after MI. Results from the CARISMA Study**

Poul Erik Bloch-Thomsen, MD, PhD

*Professor of Cardiology, Gentofte University Hospital, Copenhagen, Denmark*

17:30 **Lessons Learned from MADIT-II**

Arthur Moss, MD

*Professor of Medicine, University of Rochester Medical Center, Heart Research Follow-up Program, Rochester NY, USA*

17:50 **Debate: Primary Prevention of SCD: EPS Is Not Useful for Risk Stratification of MADIT II-type Patients**

Protagonist:

Jeffrey J. Goldberger, MD

*Professor of Medicine, Director, Cardiac Electrophysiology, Feinberg School of Medicine, Northwestern University, Chicago, USA*

Antagonist:

Bernard Belhassen, MD

*Professor of Cardiology, Director, Cardiac Electrophysiology Laboratory Sourasky Medical Center, Sackler-School of Medicine, Tel Aviv, Israel*

**16:30 - 18:30 S16 - Surgery for Arrhythmias: Current State of the Surgical Ablation for AF (2nd Session) Hall C**

Chairs: **Niv Ad, MD**, Director of Cardiac Surgery Research, the Inova Heart and Vascular Institute, VA, USA

**David Luria, MD**, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

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**Thanks to educational grant from MEDTRONIC**

16:30 **State of the Art in Minimally Invasive Approaches for Surgical Ablation**

Mark La Meir, MD

*Cardiothoracic Surgery, University Hospital, Maastricht, The Netherlands*

16:50 **The Results of the Minimally Invasive Surgical Approach or Consensus Statement by the HRS for Interventions in AF**

Gil Bolotin, MD

*Director, Cardiac Surgery, Rambam Medical Center, Haifa, Israel*

17:05 **Debate: Catheter Ablation or Surgical Ablation for the Treatment of Atrial Fibrillation**

Surgery:

Niv Ad, MD

*Director of Cardiac Surgery Research, the Inova Heart and Vascular Institute, VA, USA*

Catheter:

Eugene Crystal, MD

*Director, Arrhythmia Services, Sunnybrook Health Sciences Center, Toronto, Canada*

17:35 **Round Table Discussion**

Michael Eldar, MD

*Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel*

Ehud Raanani

*Director, Cardiac Surgery, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel*

Niv Ad, MD

Eugene Crystal, MD

Mark La Meir, MD

**16:30 - 18:30 S17 - Basic Electrophysiology** Hall E

Chairs: **Moshe Swissa, MD**, Director, Pacing & EP Unit, Cardiology, Kaplan Medical Center, Rechovot, Israel

**Michael R. Rosen**, Gustavus A. Pfeiffer Professor of Pharmacology, Professor of Pediatrics, Director, Center for Molecular Therapeutics, Columbia University, New York, NY, USA

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**Gene and Cell Therapies for the Arrhythmic Heart**

16:30 **The Initiation of the Heart Beat**

Peng-Sheng Chen, MD

*Professor of Medicine, Medtronic Zipes Chair in Cardiology, Director, Krannert Institute of Cardiology, Chief, Division of Cardiology, Indiana University School of Medicine, Indianapolis, IN, USA*

16:55 **Gene Therapy of Tachyarrhythmias**

Michael R Rosen, MD

*Gustavus A. Pfeiffer Professor of Pharmacology, Professor of Pediatrics, Director, Center for Molecular Therapeutics, Columbia University, New York, NY, USA*

17:20 **Functional Properties and Hormonal Responsiveness of Human Embryonic Stem Cells-derived Cardiomyocytes**

Ofer Binah, PhD

*Professor, The Bruce Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel*

17:45 **Cell Therapy for Cardiac Arrhythmias**

Lior Gepstein, MD, PhD

*Associate Professor of Medicine (Cardiology) and Physiology, The Sohnis Laboratory for Cardiac Electrophysiology and Regenerative Medicine, The Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Israel*

18:10 **Discussion**

**16:30 - 18:10 S18 - Guided Posters (2nd Session)**

Hall F

Chairs: **Michael Geist, MD**, Director, Pacing & EP Unit, Edit Wolfson Medical Center, Holon, Israel

**Andrew Krumerman, MD**, Ass. Professor of Medicine, Attending, Arrhythmia Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA

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**Atrial Fibrillation: Various Aspects**

- 1  
(16:30) **Abbreviated Effective Refractory Period and Amplified Dispersion of Repolarization Underlie the Development of Atrial Fibrillation in a Canine Atrial Wedge Model of Short QT1: Mechanism and Implications for Antiarrhythmic Therapy**  
*Eyal Nof, MD, Alexander Burashnikov, PhD, Charles Antzelevitch, PhD*  
*Masonic Medical Research Laboratory, Utica NY, USA*
- 2  
(16:40) **Seven-Year Experience with Interventional Treatment of Different Forms of Atrial Fibrillation**  
*Amiran Revishvili, PhD, MD, Farkhad Rzaev, MD, Elena Lubkina, MD, Svetlana Aleksandrova, MD, Evgeniy Labartkava, MD, Oleg Sopov, MD, Roin Rekvava, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia*
- 3  
(16:50) **Anatomy of the Coronary Sinus and Results of Interventional Treatment of Pre-Excitation Syndrome with Accessory Pathways of Inferior Paraseptal Localization**  
*Amiran Revishvili, PhD, MD, Evgeniy Labartkava, MD, Andrey Shmul, MD, Karapet Davtian, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia*
- 4  
(17:00) **Procedure Time and Fluoroscopy Time in Patients with Atrial Fibrillation or a Flutter Undergoing Radiofrequency Ablation Using Different Mapping and Catheter Systems**  
*Matthew Reynolds, MD, MSc<sup>1</sup>, Hugh Calkins, MD<sup>2</sup>, Peter Spector, MD<sup>3</sup>*  
*<sup>1</sup> Cardiology and Economics, Harvard Clinical Research Institute, Beth Israel Deaconess Medical Center and Harvard Clinical Research Institute, Boston, MA, <sup>2</sup> Cardiology, Johns Hopkins University, Baltimore, MD, <sup>3</sup> Cardiac Electrophysiology, University of Vermont College of Medicine and Fletcher Allen Health Care, Burlington, VT*
- 5  
(17:10) **A Novel Lamin A/C Mutation Associated with Cardiomyopathy and Limb Girdle Muscular Dystrophy: a Phenotypic Study**  
*Ilan Lashevsky, MD<sup>1</sup>, Melanie Bedford, MD<sup>3</sup>, David Newman, MD<sup>1</sup>, Alexey Pekar, MD<sup>1</sup>, Bruce Lubelsky, MD<sup>2</sup>, Eugene Crystal, MD<sup>1</sup>*  
*<sup>1</sup> Cardiovascular Disease, EP Service, Sunnybrook Health Sciences Centre, <sup>2</sup> Cardiovascular Disease, Medicine, <sup>3</sup> Genetics, Genetics, North York General Hospital, Toronto, Canada*

**16:30 - 18:10 S18 - Guided Posters (2nd Session) (Cont.)**

Hall F

- 6 **A Method for Quantification of Activation Pattern Similarity from High Density Cardiac Mapping**  
(17:20) *Jorge E Schliamser, MD, Rishi Arora, MD, Roger Villuendas, MD, Brandon Benefield, MS, Kathy Harris, BS, David Gordon, MD, PhD, Gregory Shade, BS, Gary Aistrup, PhD, Rodney Green, DD, Jeffrey J Goldberger, MD, Alan H Kadish, MD, Jason Ng, PhD*  
*Bluhm Cardiovascular Institute, Northwestern University, Chicago, USA*
- 7 **Prediction of Catheter Ablation Effects Using Surface Atrial Frequency Analysis in Patients with Atrial Fibrillation**  
(17:30) *Anastasia Kanidieva, Edvard Berngardt*  
*Clinical Physiology of Circulation, Almazov Federal Heart, Blood and Endocrinology Centre, St. Petersburg, Russia*
- 8 **Atrial Fibrillation in Acute Myocardial Infarction**  
(17:40) *Giedre Baksyte<sup>1</sup>, Andrius Macas<sup>1</sup>, Ruta Ablonskyte-Dudoniene<sup>1</sup>, Algimantas Krisciukaitis<sup>2</sup>*  
*<sup>1</sup> Department of Cardiology, Intensive Care Unit, Kaunas Medical University Hospital, <sup>2</sup> Institute of Biomedical Research, Kaunas University of Medicine, Kaunas, Lithuania*
- 9 **Transoesophageal Pacing as Method of Choice in Treatment Atrial Flutter**  
(17:50) *Oskars Kalejs, MD, PhD<sup>1</sup>, Maija Vikmane, MD<sup>1</sup>, Kristine Jubele, MD<sup>1</sup>, Sandis Sakne, MD<sup>1</sup>, Aija Maca, MD<sup>3</sup>, Ilja Zakke, MD<sup>3</sup>, Janis Jirgensons, MD, PhD<sup>1</sup>, Aivars Lejnicks, MD, PhD<sup>2</sup>*  
*<sup>1</sup> Arrhythmology, Latvian Center of Cardiology, P.Stradins University Hospital, <sup>2</sup> Internal Medicine, Riga Stradins University, <sup>3</sup> Intensive Care Unit, Latvian Center of Cardiology, P.Stradins University Hospital, Riga, Latvia*
- 10 **Sensing Electrode Vector does not Influence the Wireless Implantable Loop Recorder (ILR) Electrocardiograms**  
(18:00) *Naga V.A Kommuri<sup>1</sup>, Sony Jacob<sup>2</sup>, R.A Lieberman<sup>2</sup>*  
*<sup>1</sup> DMC-Sinaigrace Hospital, <sup>2</sup> Harper University Hospital, Detroit, Michigan, USA*

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**20:00 Gala Dinner (optional)**

Hall A

**Thanks to the support of ST. JUDE MEDICAL & GAMIDA MEDEQUIP**

**P1 - POSTERS**

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**Pediatrics:**

- 1 **Minimizing Ventricular Pacing Decreases Atrial Arrhythmias in Pediatric Patients with Single Ventricle Physiology and Sinus Node Dysfunction**  
*Steven Yabek, MD<sup>1</sup>, Carl Lagerstrom, MD<sup>2</sup>, William Berman, Jr, MD<sup>1</sup>, Bradley Raisher, MD<sup>2</sup>, Gerard Holmes, MD<sup>1</sup>*  
*<sup>1</sup> Children's Medical Center, <sup>2</sup> Cardiovascular Surgery, Heart Group, Presbyterian Hospital, Albuquerque, USA*
- 2 **Myocardial Injury after Radiofrequency Catheter Ablation of Arrhythmias in Children**  
*Igor Kovalev, MD, Olga Murzina, PhD, Liliya Svintsova, PhD, Sergey Popov, MD*  
*Arrhythmology, Pediatric Cardiology, Institute of Cardiology, Tomsk, Russia*
- 3 **Treatment Results in Children Aged to 7 Years Having Tachyarrhythmias**  
*Liliya Svintsova, PhD, Igor Kovalev, MD, Olga Murzina, PhD, Sergey Popov, MD*  
*Arrhythmology, Pediatric Cardiology, Institute of Cardiology, Tomsk, Russia*
- 4 **Possibilities of Catheter Ablation of Postoperative Atrial Tachycardias in Children**  
*Olga Murzina, PhD<sup>1</sup>, Igor Kovalev, MD<sup>1</sup>, Poman Tatarsky, MD<sup>2</sup>, Liliya Svintsova, PhD<sup>1</sup>, Sergey Popov, MD<sup>1</sup>, Dmitry Lebedev, MD<sup>2</sup>*  
*<sup>1</sup> Arrhythmology, Pediatric Cardiology, Institute of Cardiology, Tomsk, <sup>2</sup> Arrhythmology, Cardiovascular Disease, Almazov Centre of Heart, Blood and Endocrinology, Saint-Petersburg, Russia*
- 5 **Results of Interventional Treatment of Atrial Fibrillation in Young Patients**  
*Amiran Revishvili, PhD, MD, Tamara Dzhordzhikiya, MD, Svetlana Aleksandrova, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia*
- 6 **Intracardiac Mapping and Radiofrequency Ablation of Incisional Tachycardias after the Correction of Congenital Heart Diseases**  
*Amiran Revishvili, PhD, MD, Elena Artiukhina, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia*
- 7 **Pulmonary Veins Isolation in Children**  
*Sergey Popov, Igor Antonchenko, Roman Batalov*  
*Heart Arrhythmias Department, Scientific Institute of Cardiology, Tomsk, Russia*
- 8 **Atrial Tachycardia after Surgical MAZE Procedure: Is There Need for Postoperative Anticoagulation?**  
*Hillel Steiner, Mangaraju Chakka, Mithilesh Das*  
*Krannert Institute of Cardiology, Indiana University, Indianapolis, USA*

**P1 - POSTERS (Cont.)**

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- 9      **A New Approach to Diagnosis the Types of the Long QT Syndrome by Body Surface Potential Mapping**  
*Irina Polyakova*<sup>1,2</sup>, *Leonid Kalinin*<sup>1</sup>, *Svetlana Chuprova*<sup>3</sup>, *Maria A Shkolnikova*<sup>1</sup>  
<sup>1</sup> *Moscow Research Institute of Pediatrics & Pediatric Surgery*, <sup>2</sup> *Bakoulev Scientific Center for Cardiovascular Surgery*, <sup>3</sup> *The Child Clinical Hospital, Moscow, Russia*
- 10     **Fetal Supraventricular Tachycardia in Course of Mother's Infection During Pregnancy**  
*Mariusz Grzesiak, MD, PhD*<sup>1</sup>, *Piotr Kaczmarek, Prof*<sup>2</sup>, *Maciej Lukaszek, MD, PhD*<sup>1</sup>, *Dorota Nowakowska, Prof*<sup>1</sup>, *Maria Respondek-Liberska, Prof*<sup>3</sup>, *Jan Wilczynski, Prof*<sup>1</sup>  
<sup>1</sup> *Maternal and Fetal Medicine Department*, <sup>2</sup> *Obstetric and Gynecology Ultrasound Diagnosis Department*, <sup>3</sup> *Department for Diagnosis and Prophylaxis of Congenital Malformations, Polish Mother's Memorial Hospital, Lodz, Poland*
- 11     **The Use of the Implantable Cardioverter-Defibrillator (ICD) in Children - Single Center Experience**  
*Joanna Kwiatkowska, PhD*<sup>1</sup>, *Rajmund Wilczek, PhD*<sup>2</sup>, *Agnieszka Zienciuk, PhD*<sup>2</sup>, *Jan Erecinski, Prof*<sup>1</sup>, *Grzegorz Raczak, Prof*<sup>2</sup>  
<sup>1</sup> *Department of Pediatric Cardiology and Congenital Heart Disease*, <sup>2</sup> *Department of Cardiology and Electrotherapy, Medical University of Gdansk, Gdansk, Poland*
- 12     **Problems of Implantation of Cardioverters-Defibrillators in Children**  
*Igor Kovalev, Olga Murzina, Sergey Krivolapov, Sergey Popov, Liliya Svintsova*  
*Arrhythmology, Pediatric Cardiology, Institute of Cardiology, Tomsk, Russia*
- 13     **The Complete Set of QT Parameters**  
*Josef Halamek*<sup>1</sup>, *Pavel Jurak*<sup>1</sup>, *Marco Villa*<sup>3</sup>, *Miroslav Novak*<sup>2</sup>, *Jolana Lipoldova*<sup>2</sup>, *Petr Frana*<sup>2</sup>, *Vlastimil Vondra*<sup>1</sup>, *Pavel Leinveber*<sup>4</sup>, *Virend Somers*<sup>4</sup>, *Tomas Kara*<sup>2</sup>  
<sup>1</sup> *Biosignal processing, NMR, Institute of Scientific Instruments, AV CR*,  
<sup>2</sup> *Cardiology, St Anne's University Hospital, Brno, Czech Republic*, <sup>3</sup> *Dipartimento di Progettazione e Tecnologie, Universita` di Bergamo, Bergamo, Italy*, <sup>4</sup> *Divisions of Cardiovascular Disease and Hypertension, Mayo Clinic, Rochester, MN, USA*

**P1 - POSTERS (Cont.)**

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- 14 **Effect of Exercise on the T Wave Amplitude in Children: Normal Compared to Unpaced Congenital Isolated Complete Heart Block**  
*Abraham Benatar, MB ChB, PhD, Karlien Carbonez, MD, Tine Decraene, MD, Arjen Feenstra, MD, Claire Aper, MD*  
*Pediatric Cardiology, UZ Brussel, Brussels, Belgium*
- 15 **Vessel Elasticity Estimation by Normalized Blood Pressure Dynamics**  
*Pavel Jurak<sup>1</sup>, Josef Halamek<sup>1</sup>, Vlastimil Vondra<sup>1</sup>, Pavel Leinveber<sup>1,3</sup>, Martin Plachy<sup>2</sup>, Petr Frana<sup>2</sup>, Miroslav Soucek<sup>2</sup>, Tomas Kara<sup>3,4</sup>*  
*<sup>1</sup>Institute of Scientific Instruments, <sup>2</sup>2nd Department of Internal Medicine, St. Annes's University Hospital, <sup>3</sup>1st Internal Cardio-Angiology Clinics, St. Annes's University Hospital, Brno, Czech Republic, <sup>4</sup>Mayo Clinic, Rochester, MN, USA*
- AF & Other Atrial Arrhythmias:**
- 16 **Costs of Atrial Fibrillation in Germany**  
*Pamela Aidelsburger, MD, MPH<sup>1</sup>, Diana Benkert<sup>1</sup>, Juergen Wasem, PhD<sup>2</sup>*  
*<sup>1</sup>CAREM GmbH, Sauerlach, <sup>2</sup>Chair for Health Care Management, Alfried Krupp von Bohlen und Halbach Foundation, University of Duisburg-Essen, Essen, Germany*
- 17 **Effectiveness of Different Right Ventricular Pacing Sites after AV Node Ablation in Permanent Atrial Fibrillation**  
*Nikolajs Nesterovics, MD<sup>1</sup>, Maris Blumbergs, MD<sup>1</sup>, Kristine Jubele, MD<sup>1</sup>, Maija Vikmane, MD<sup>1</sup>, Ginta Kamzola, MD<sup>2</sup>, Mara Stabulniece, MD<sup>1</sup>, Pavels Sipacovs, MD<sup>1</sup>, Liga Lismane, MD<sup>1</sup>, Oskars Kalejs, MD, PhD<sup>1</sup>, Andrejs Erglis, MD, PhD<sup>2</sup>*  
*<sup>1</sup>Arrhythmology, <sup>2</sup>Cardiovascular Disease, Latvian Center of Cardiology, P.Stradins University Hospital, Riga, Latvia*
- 18 **Treatment of Atrial Fibrillation in Patients with Pulmonary Veins' Collector**  
*Amiran Revishvili, PhD, MD, Farkhad Rzaev, MD, Oleg Sopov, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia*
- 19 **Catheter Treatment of Atrial Fibrillation: Two-stage Approach**  
*Amiran Revishvili, PhD, MD, Farkhad Rzaev, MD, Vladislav Kuptsov, MD, Adil Baimbetov, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia*
- 20 **Local Electrical Activity Dynamics During RF Ablation as a Predictor of Pulmonary Veins Isolation Failure**  
*Evgeny Mikhaylov, Dmitry Lebedev*  
*Electrophysiology and Cardiac Pacing, Almazov Heart, Blood and Endocrinology Centre, Saint-Petersburg, Russian Federation*

**P1 - POSTERS (Cont.)**

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- 21     **Is Stereotaxis-guided Atrial Fibrillation Ablation Effective? A single Center Experience**  
*Moti Haim, MD, Spyridon Akrivakis, MD, Asif Sewani, MD, Muqtada Chaudhry, MD, Charles Haffajee, MD, Michael Orlov, MD; PhD*  
*Cardiovascular Medicine, Cardiac Electrophysiology, Tufts University, Boston, MA, USA*
- 22     **A New Simplified Method to Achieve 3D Rotational Angiogram of the Left Atrium and Esophagus to Guide AF Ablation: Right Atrial Injection Protocol**  
*Moti Haim, MD, Jonathan Li, MD, Muqtada Chaudhry, MD, Charles Haffajee, MD, Michael Orlov, MD*  
*Cardiovascular Medicine, Cardiac Electrophysiology, Tufts University, Boston, MA, USA*

**08:00 - 08:30 Registration & Refreshments**

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08:30 - 10:30 Parallel Sessions (S19-S22)

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**08:30 - 10:30 S19 - Atrial Fibrillation: Diagnostic and Therapeutic Options** Hall A

Chairs: **Chaim Lotan, MD**, Professor of Medicine/Cardiology, Chief, Cardiology Department, Hadassah Hebrew University Medical Center, Jerusalem, Israel

**Douglas L. Packer, MD**, Professor of Medicine, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA

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08:30 **Mechanisms of Atrial Fibrillation**

Peng-Sheng Chen, MD

*Professor of Medicine, Medtronic Zipes Chair in Cardiology, Director, Krannert Institute of Cardiology, Chief, Division of Cardiology, Indiana University School of Medicine, Indianapolis, IN, USA*

Sudden Cardiac Death and Ventricular Arrhythmias

08:50 **Critical Appraisal of Different Ablation Strategies: When and Whom?**

Douglas L Packer, MD

*Professor of Medicine, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA*

09:10 **The Arrhythmogenicity of Coronary Sinus Musculature-Implications for the Pathogeneses of AF**

Melvin M Scheinman

*Professor of Medicine, Cardiac Electrophysiology, University of California San Francisco, San Francisco, CA, USA*

09:30 **Cryoablation of AF: When, Whom, To Everybody?**

Luc J Jordaens, MD, PhD

*Professor of Cardiology, Director, Clinical Electrophysiology, Thoraxcentre, Erasmus Medical Center, Rotterdam, The Netherlands*

09:50 **Atrial Fibrillation - Strategy for Curative Treatment: Ablation, Surgery, Hybrid Therapy**

Amiran S Revishvili, MD, PhD

*Professor of Cardiac Surgery, Head, Department of Tachyarrhythmias & Clinical Electrophysiology, Bakoulev Scientific Center for Cardiovascular Surgery, Russian Academy of Medical Science, Moscow, Russia*

10:10 **Panel Discussion:**

AF Ablation: Are We any Better off than 4 Years Ago? What is Needed in the Next 4 Years

**08:30 - 10:30 S20 - Sport & Arrhythmias (1st Session)** Hall B

Chairs: **Nahman Ash, MD**, IDF Chief Medical Officer, Brig.-Gen.

**Naama Constantini, MD**, Department of Orthopedic Surgery, The Hadassah-Hebrew University Medical Center, Jerusalem, Israel

**Michael Glikson, MD**, Associated Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director of Pacing & Electrophysiology, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel

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**Preparticipation Screening of Athletes and Soldiers**

A Joint Session with the Israel Defense Forces (IDF) Medical Corps

08:30 **Mechanisms of Arrhythmias Causing Sudden Death in Athletes**

Douglas P Zipes, MD

*Distinguished Professor, Indiana University School of Medicine, Krannert Institute of Cardiology, Indianapolis, IN, USA*

08:50 **Preparticipation Screening of Young Athletes - the Role of the ECG**

Avi Caspi, MD

*Professor of Cardiology, Chief, Cardiac Institute, Kaplan Medical Center, Rehovot, Israel*

09:10 **Preparticipation Screening of Athletes - the Role of Exercise Testing**

Leonard Blieden, MD

*Professor of Pediatrics, Rabin Medical Center, Petach Tikva, Israel*

09:30 **Causes of Sudden Death in Young Soldiers - the IDF Data**

Amir Ytzhak, MD

*IDF, Medical Corps*

09:50 **Prerecruitment Screening of Soldiers for Occult Heart Disease**

Amir Ytzhak, MD

*IDF, Medical Corps*

10:10 **Discussion**

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**08:30 - 10:30 S21 - Workshop for Family Physicians (1st Session)** Hall C

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**08:30 - 10:30 S22 - 3rd Session - Workshop for Internists, Cardiologists and Fellows Hall E  
in Internal Medicine and Cardiology: Basic Concepts in Arrhythmia  
Management**

Chairs: **Randy A. Lieberman, MD**, Associate Professor of Medicine at Michigan State University School of Medicine, Director of Cardiac Electrophysiology at Harper University Hospital, Detroit, MI, USA

**Dante Antonelli, MD**, Cardiology, Emek Medical Center, Afula, Israel

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**Thanks to non-restricted educational grants from BOSTON SCIENTIFIC & ST. JUDE MEDICAL**

**08:30 Epidemiology of Heart Failure and Current Treatment**

*Mariavittoria Pitzalis, MD, PhD*

*Professor of Medicine, Director of HF Program, Division of Cardiology, Brody School of Medicine, East Carolina University, Greenville, NC, USA*

**09:10 Indications for CRT-P, CRT-D, Role Echo-Doppler in Patient's Selection**

*Jeffrey J Goldberger, MD*

*Professor of Medicine, Director, Cardiac Electrophysiology, Feinberg School of Medicine at Northwestern University, Chicago, IL, USA*

**09:30 CRT Implantation**

*Randy A Lieberman, MD*

*Associate Professor of Medicine at Michigan State University School of Medicine, Director of Cardiac Electrophysiology at Harper University Hospital, Detroit, MI, USA*

**09:50 Complication and Long-term Results**

*Jay N Gross, MD*

*Professor of Medicine, Director, Pacemaker Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA*

**10:10 ECG Interpretation of Biventricular Pacing**

*Jay N Gross, MD, Randy A Lieberman, MD*

**10:30 - 11:00 Coffee Break, Posters & Exhibition Visit**

**11:00 - 12:30 PL2 - Plenary Session II**

Hall A

Chairs: **Michael Eldar, MD**, Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

**I. Eli Ovsyshcher, MD, PhD**, Professor of Medicine/Cardiology, Ben Gurion University, Heart Institute, Clalit Health Services, Beer Sheva, Israel

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**Thanks to an educational grant from MEDTRONIC**

**Keynote Lectures**

11:00 **Linking Mechanical to Electrical Dysfunction in the Heart: Opportunities for New Arrhythmia Targets and Therapies**

*David S Rosenbaum, MD*

*Professor of Medicine & Biomedical Engineering, Chief of Cardiology and Director, Heart & Vascular Center MetroHealth Campus, Case Western Reserve University, Cleveland, OH, USA*

11:30 **Acceptance of Catheter Ablation of Atrial Fibrillation by Referring Physicians, Patients and Electrophysiologists**

*Riccardo Cappato, MD*

*Chief, Arrhythmia & Electrophysiology Center, Policlinico San Donato, University of Milan, Milan, Italy*

**Awards for the Best Posters and Awarded Case Presentations**

12:00 **Sudden Arrhythmic Death Syndrome-Diagnostic Yield Of Combined Clinical & Genetic Screening In A British Specialist Clinic**

*Pier Lambiase, PhD MRCP<sup>1</sup>, Juan Kaski, MD<sup>1</sup>, Perry Elliott, MD<sup>1</sup>, Akbar Ahmed, MD<sup>1</sup>, Mary Sheppard, MD<sup>1</sup>, Martin Lowe, MD<sup>1</sup>, Michael Christiansen, MD<sup>2</sup>, William McKenna, MD FRCP<sup>1</sup>*

<sup>1</sup> *Cardiology Department, Medicine, University College London, London, UK,*

<sup>2</sup> *Medicine, Copenhagen University, Copenhagen, Denmark*

**Thanks to an educational grant from MEDTRONIC**

12:07 **Outcome after Implantation of ICD in Patients with Brugada Syndrome: a Multicenter Israeli Study (ISRABRU)**

*Aharon Glick, MD<sup>1</sup>, Raphael Rosso<sup>1</sup>, Michael Glikson<sup>2</sup>, Abraham Wagshal<sup>3</sup>, Moshe Swissa<sup>4</sup>, Shimon Rosenhek<sup>5</sup>, Israel Shetboun<sup>6</sup>, Vladimir Khalameizer<sup>7</sup>, Therese Fuchs<sup>8</sup>, Munther Boulos<sup>9</sup>, Michael Geist<sup>10</sup>, Boris Strasberg<sup>11</sup>, Michael Ilan<sup>12</sup>, Bernard Belhassen<sup>1</sup>*

<sup>1</sup> *Cardiology, Tel Aviv-Sourasky Medical Center, Tel-Aviv,* <sup>2</sup> *Sheba Medical Center,*

*Tel-Hashomer,* <sup>3</sup> *Soroka Medical Center, Beer Sheva,* <sup>4</sup> *Kaplan Hospital, Rehovot,*

<sup>5</sup> *Hadassa Hospital, Jerusalem,* <sup>6</sup> *Meir Hospital, Kfar Saba,* <sup>7</sup> *Barzilai Hospital,*

*Ashkelon,* <sup>8</sup> *Assaf Harofe Hospital, Zrifin,* <sup>9</sup> *Rambam Medical Center, Haifa,*

<sup>10</sup> *Wolfson Medical Center, Holon,* <sup>11</sup> *Rabin Medical Center, Petach Tikva,*

<sup>12</sup> *Shaare Tzedek Hospital, Jerusalem, Israel*

**11:00 - 12:30 PL2 - Plenary Session II (Cont.)**

Hall A

12:14 **Appropriate ICD Therapy does not Predict Mortality in Patients with Ischemic and Non-ischemic Cardiomyopathy**

*Hillel Steiner, Husam Suradi, Rupa Subbarao, Mithilesh Kumar Das  
Krannert Institute of Cardiology, Indiana University, Indianapolis, USA*

12:21 **Targeted Ablation of the Moderator Band Eliminates Ventricular Tachycardia**

*Omar AbouEzzeddine, MD<sup>1</sup>, Mahmoud Suleiman, MD<sup>2</sup>, Paul Friedman, MD<sup>2</sup>,  
Jennifer Mears<sup>2</sup>, Traci Buescher, RN<sup>2</sup>, Douglas L Packer, MD<sup>2</sup>,  
Samuel Asirvatham, MD<sup>2</sup>*

*<sup>1</sup> Internal Medicine, <sup>2</sup> Internal Medicine, Cardiovascular Disease, Mayo Clinic,  
Rochester, USA*

12:30 - 12:45 **Break & Exhibition Visit**

11:00 - 13:00 Parallel Sessions (S23-S24)

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**11:00 - 13:00 S23 - Sport & Arrhythmias (2nd Session)** Hall B

Chairs: **Avi Caspi, MD**, Professor of Cardiology, Chief, Cardiac Institute, Kaplan Medical Center, Rehovot, Israel

**Ilan Goldenberg, MD**, Cardiology Department and Neufeld Cardiac Research Institute, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel; Medical Services Center, I.D.F.; and Heart Research Follow-Up Program, University of Rochester Medical Center, Rochester NY, USA

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11:00 **Debate: Preparticipation Screening**

**All Candidates Should be Screened Prior to Participation in Athletic Activity**

Protagonist:

Rami Fogelman

*Director, Pacing & EP Unit, Schneider Children Center, Petach Tikva, Israel*

Antagonist:

Sami Viskin, MD

*Associated Professor of Cardiology, Department of Cardiology, Sourasky Medical Center, Sackler-School of Medicine, Tel Aviv, Israel*

**Discussion**

**Athletic Activity in the Presence of Preexisting Heart Conditions - Part 1**

12:00 **Overview of the Bethesda Conference Guidelines**

Douglas P Zipes, MD

*Distinguished Professor, Indiana University School of Medicine, Krannert Institute of Cardiology, Indianapolis, IN, USA*

12:20 **Overview of the European Guidelines**

Michael Glikson, MD

*Associated Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director of Pacing & Electrophysiology, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel*

12:40 **Asymptomatic WPW and Sport – State of the Art**

Joel A Kirsh, MD

*Cardiology, Hospital for Sick Children, and Faculty of Medicine, University of Toronto, Canada, Toronto, Canada*

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**11:00 - 13:00 S24 - Workshop for Family Physicians (2nd Session)**

Hall C

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13:00 - 14:00 **Lunch, Posters & Exhibition Visit**

**12:40 - 14:45 SS2 - Satellite Symposium BOSTON SCIENTIFIC Luncheon** Hall D

Chairs: **Michael Eldar, MD**, Director, Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel

**Guenter Breithardt, MD**, Professor of Cardiology, Director, Cardiology Department, University Hospital, Muenster, Germany

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**ICD/CRT-D Innovations Leading to Improved Patient Outcomes**

**Is there an Easy Programming Alternative to Achieve AV Optimization in CRT- D Patients?**

Ignacio Fernandez Lozano, MD

*Hospital Puerta de Hierro, Madrid, Spain*

**Reduction of Inappropriate Therapy: What Can We Expect with Today's Technology?**

Haran Burri, MD, PD

*Electrophysiology Unit, University Hospital of Geneva, Geneva, Switzerland*

**Is it Possible to Reduce Shock Therapy through Early Delivery of ATP? The Rationale of 'Quick Convert' Therapy**

Arie Militianu, MD

*Director, EP & Pacing Unit, Cardiology Department, Lady Davis Carmel Medical Center, Haifa, Israel*

**Debate: DFT Testing should be Required During (nearly) all ICD CRT-D Implantations**

Protagonist:

Michael Glikson, MD

*Associated Professor of Cardiology, Sackler Faculty of Medicine, Tel Aviv University, Director, Pacing & Electrophysiology, Leviev Heart Center, Sheba Medical Center Tel Hashomer, Ramat Gan, Israel*

Antagonist:

Sami Viskin, MD

*Associated Professor of Cardiology, Sourasky Medical Center, Sackler-School of Medicine, Tel Aviv, Israel*

14:00 - 14:45 Parallel Sessions (S25-S27)

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**13:45 - 14:45 S25 - 4th Session: Workshop for Internists, Cardiologists and Fellows in Internal Medicine and Cardiology: Basic Concepts in Arrhythmia Management** Hall E

Chairs: **Melvin M. Scheinman, MD**, Professor of Medicine, Cardiac Electrophysiology, University of California San Francisco, San Francisco, CA, USA

**Nahum Freedberg, MD**, Pacing and EP Unit, Emek Medical Center, Afula, Israel

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**Thanks to non -restricted educational grants from BOSTON SCIENTIFIC & ST. JUDE MEDICAL**

**Supraventricular Tachycardia Diagnosis & Management**

13:45 **SVT Mechanisms**

Melvin M Scheinman, MD

*Professor of Medicine, Cardiac Electrophysiology, University of California San Francisco, San Francisco, CA, USA*

14:05 **Ablation vs. Medical Therapy**

Andrew Krumerman, MD

*Ass. Professor of Medicine, Attending, Arrhythmia Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA*

14:20 **New Understanding and Approaches to Atrial Flutter**

Melvin M Scheinman, MD

*Professor of Medicine, Cardiac Electrophysiology, University of California San Francisco, San Francisco, CA, USA*

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**14:00 - 14:45 S26 - Sport & Arrhythmias (3rd Session)** Hall B

Chairs: **Rami Fogelman, MD**, Director, Pacing & EP Unit, Schneider Children Medical Center, Petach Tikva, Israel

**Yoni Yarom, MD**, Medical Director, MEDIX Sports Medicine Center

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**Athletic Activity in the Presence of Preexisting Heart Conditions - Part 2**

14:00 **Patients with Implantable Devices and Sports**

Eric Rosenthal, MD

*Department of Congenital Heart Disease, Evelina Children's Hospital, London, United Kingdom*

14:20 **Eligibility of Asymptomatic Gene Carriers and the Role of Genetic Testing in Preparticipation Screening**

Michael Arad, MD

*Head, Cardiac Genetic Laboratory, Sackler Faculty of Medicine, Tel Aviv University, Director, Pacing & Electrophysiology, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, Israel*

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**14:00 - 14:45 S27 - Workshop for Family Physicians (3rd Session)** Hall C

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14:45 - 15:15 **Coffee Break, Posters & Exhibition Visit**

15:15 - 17:00 Parallel Sessions (S28-S32)

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**15:15 - 17:00 S28 - 5th Session: Workshop for Internists, Cardiologists and Fellows in Internal Medicine and Cardiology: Basic Concepts in Arrhythmia Management** Hall E

Chairs: **Samuel Levy, MD**, Professor of Cardiology, Hospital Nord, and School of Medicine, Marseille, France

**Reuven Zimlichman, MD**, Professor of Medicine, Chief, Internal Medicine Department, Edit Wolfson Medical Center, Holon, Israel

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**Thanks to non -restricted educational grants from BOSTON SCIENTIFIC & ST. JUDE MEDICAL**

**Management of Atrial Fibrillation**

15:15 **Rate vs. Rhythm Control and Current Pharmacologic Approaches to Rhythm Control**

Samuel Levy, MD

*Professor of Cardiology, Hospital Nord, and School of Medicine, Marseille, France*

**Catheter Ablation of Atrial Fibrillation**

15:45 **Indications, Techniques and Results**

Riccardo Cappato, MD

*Chief, Arrhythmia & Electrophysiology Center, Policlinico San Donato, University of Milan, Milan, Italy*

16:15 **Post-procedural Challenges: Need for Post-ablation Anticoagulation and Pharmacologic Therapy**

Samuel Levy, MD

*Professor of Cardiology, Hospital Nord, and School of Medicine, Marseille, France*

16:35 **Case Studies and Panel Discussion**

Andrew Krumerman, MD

*Ass. Professor of Medicine, Attending, Arrhythmia Service, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA*

- 15:15 - 17:00 S29 - Arrhythmology in 2008 - Where Do We Go from Here?** Hall A  
Chairs: **Poul Erik Bloch-Thomsen, MD, PhD**, Professor of Cardiology, Cardiology Department, Gentofte University Hospital, Copenhagen, Denmark  
**I. Eli Ovsyshcher, MD, PhD**, Professor of Medicine/Cardiology, Ben Gurion University, Heart Institute, Clalit Health Services, Beer Sheva, Israel
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**The session under auspices of International Cardiac Pacing & Electrophysiology Society (ICPES)**

- 15:15 **Can We Change the MADIT II Criteria for Primary ICD Implantation without New Trials?**  
*Guenter Breithardt, MD*  
*Professor of Cardiology, Director, Department of Cardiology, University Hospital, Muenster, Germany*
- 15:30 **Is Induction VT/VF of Prognostic Value in Patients with Idiopathic Dilated Cardiomyopathy?**  
*Alan H Kadish, MD*  
*Professor of Medicine, Feinberg School of Medicine, Northwestern University, Chicago, IL, USA*
- 15:45 **Deleterious Effect of RV-Pacing: What are the Future Options?**  
*Ali Oto, MD*  
*Professor of Medicine/Cardiology, Department of Cardiology, Hacettepe University School of Medicine, Ankara, Turkey*
- 16:00 **RVOT Arrhythmias Revisited**  
*Poul Erik Bloch-Thomsen, MD, PhD*  
*Professor of Cardiology, Cardiology Department, Gentofte University Hospital, Copenhagen, Denmark*
- 16:15 **Epicardial Ablation of Ventricular Tachycardia: the Ultimate Solution?**  
*Kalyanam Shivkumar, MD, PhD*  
*Director, UCLA Cardiac Arrhythmia Center & EP Programs, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA*
- 16:30 **Discussion**

**15:15 - 17:00 S30 - Sport & Arrhythmias (4th Session)** Hall B

Chairs: **Andre Keren, MD**, Professor of Medicine, Hadassah University Hospital,  
Jerusalem, Israel

**Sami Viskin, MD**, Associated Professor of Cardiology, Department of  
Cardiology, Sourasky Medical Center, Sackler-School of  
Medicine, Tel-Aviv, Israel

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**Athlete's Heart - Always a Healthy Heart?**

15:15 **Athlete's AF and the Role of Ablation in Athletes**

Riccardo Cappato, MD

*Chief, Arrhythmia & Electrophysiology Center, Policlinico San Donato, University of  
Milan, Milan, Italy*

15:35 **Athlete's Heart and HCMP - New Insights**

Andre Keren, MD

*Professor of Medicine, Hadassah University Hospital, Jerusalem, Israel*

15:55 **RVOT Arrhythmias in Athletes - Always Benign?**

Sami Viskin, MD

*Associated Professor of Cardiology, Department of Cardiology, Sourasky Medical  
Center, Sackler-School of Medicine, Tel Aviv, Israel*

16:15 **What Happens When Athletes Grow Old?**

Urs Bauersfeld, MD

*Professor of Pediatrics, Division of Pediatric Cardiology, University Children's  
Hospital, Zurich, Switzerland*

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**15:15 - 17:00 S31 - Workshop for Family Physicians (4th Session)** Hall C

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**15:15 - 17:00 S32 - Guided Posters (3rd Session)**

Hall F

Chairs: **Guy Amit, MD**, Cardiology Department, Soroka Medical Center, Beer Sheva, Israel

**Yitschak Copperman, MRCPI**, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

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**Implantable Cardiac Devices**

1 **An "Aggressive" Protocol of Programmed Ventricular Stimulation is Useful to Select Post-Myocardial Infarction Patients with a Low Ejection Fraction who May Not Require the Implantation of an Automatic Cardioverter-Defibrillator**

(15:15)

*Tamar Ohayon-Tsioni, MD, Aron Glick, MD, Sami Viskin, MD,*

*Bernard Belhassen, MD*

*Cardiology, Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel*

2 **Survival of Defibrillators: The "Real World"**

(15:26)

*Michael Geist, MD, Daniel Tarchitzky, MD, Zaev Halfin, MD, Michael Kriwisky, MD,*

*Larisa Rosenshtein, RN, Tal Sela, Leonid Rosenthal, Yoseph Rozenman, MD*

*Heart Institute, Wolfson Medical Center, Holon, Israel*

3 **Topical Antibiotic Prophylaxis for Device Implantation Procedures: A Prospective Study**

(15:37)

*Koroush Khalighi, MD<sup>1</sup>, Stanislav Goykhman, MD<sup>2</sup>, Abdu Khan, MD<sup>3</sup>,*

*Steven Kutalek, MD<sup>4</sup>*

*<sup>1</sup> Cardiology, Electrophysiology, Easton Cardiovascular, Easton, PA, <sup>2</sup> Medicine, Medicine, Good Samaritan Hospital, Dayton, OH, <sup>3</sup> Medicine, Medicine, Creighton University Medical Center, Omaha, NE, <sup>4</sup> Cardiology, Electrophysiology, Drexel University, Philadelphia, PA, USA*

4 **Long Term Survival of VDD Mode Pacing in Patients with Atrioventricular Block**

(15:48)

*Miry Blich, MD, Monther Boulos, MD, Shlomo Amikam, MD*

*Cardiology, Electrophysiology and Pacing, Rambam Medical Center, Haifa, Israel*

5 **Manual Versus Automatic Capture Threshold Tests in Defibrillators**

(16:00)

*Vladimir Khalameizer, MD<sup>1</sup>, Erhard Helmling, MD<sup>2</sup>,*

*Francis David Murgatroyd, MD<sup>3</sup>, Bernd Lemke, MD<sup>4</sup>, Bernd Eber, MD<sup>5</sup>,*

*Christian Mewis, MD<sup>6</sup>, Hanno Oswald, MD<sup>7</sup>, Markus Zabel, MD<sup>8</sup>,*

*Dieter Zenker, MD<sup>8</sup>, Amos Katz<sup>1</sup>*

*<sup>1</sup> Electrophysiology, Heart institute, Barzilai Medical Center, Ashkelon, Israel,*

*<sup>2</sup> Internal Medicine II, Westpfalzkrlinikum GmbH, Kaiserslautern, Germany,*

*<sup>3</sup> Invasive Cardiology, Kings College hospital, London, Uited Kingdom,*

*<sup>4</sup> Cardiology & Angiology, Internal Medicine Center, Markische Kliniken GmbH,*

*Ludenscheid, Germany, <sup>5</sup> Klinikum Kreuzschwestem Wels, Wels, Austria, <sup>6</sup> University*

*Medical Center, Saarland University, Homburg/Saar, <sup>7</sup> Cardiology, Medizinische*

*Hochschule Hannover, Hannover, <sup>8</sup> Cardiology & Pneumology, Internal Medicine,*

*University Hospital Goumlttingen, Gottingen, Germany*

6 **Cost-effectiveness of Cardiac Resynchronization Therapy in Combination with an Implantable Cardioverter Defibrillator (CRT-D) in Patients with Chronic Heart Failure**

(16:11) *Pamela Aidelsburger, MD, MPH<sup>1</sup>, Kristin Grabein<sup>3</sup>, Volker Klauss, PhD, MD<sup>2</sup>, Juergen Wasem, PhD<sup>3</sup>*

*<sup>1</sup> CAREM GmbH, Sauerlach, <sup>2</sup> Department of Cardiology, Medizinische Poliklinik-Innenstadt, LMU, Munich, <sup>3</sup> Chair for Health Care Management, Alfried Krupp von Bohlen und Halbach Foundation, University of Duisburg-Essen, Essen, Germany*

7 **Is Routine DFT Testing Required at Implantation?**

(16:22) *Anna Kautskaia<sup>1</sup>, Rajneesh Calton<sup>1</sup>, Orhan Onalan<sup>1</sup>, Eli Crystal<sup>1</sup>, Alexey Pekar<sup>1</sup>, Ching Lau<sup>1</sup>, Ilan Lashevsky<sup>1</sup>, Vladimir Khalameizer<sup>1</sup>, Arnold Pinter<sup>2</sup>, David Newman<sup>1</sup>, Eugene Crystal<sup>1</sup>*

*<sup>1</sup> Cardiovascular Disease, EP service, Sunnybrook Health Sciences Centre,*

*<sup>2</sup> Cardiovascular Disease, EP service, St Michael's Hospital, Toronto, Canada*

8 **Abrasions Intracardiac Leads by Mutual Friction in DDD Systems**

(16:33) *Andrzej Kutarski<sup>1</sup>, Barbara Malecka<sup>2</sup>*

*<sup>1</sup> Department of Cardiology, Medical University of Lublin, Lublin, <sup>2</sup> Department of Electrophysiology, Jagiellonian University of Cracov, Cracov, Poland*

**P2 - POSTERS**

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**SCD & VT:**

- 1 **Metabolic Predictors of Ventricular Fibrillation in Patients with Severe Ischemic Heart Failure**  
*Natallia Maroz-Vadalazhskaya, PhD, Tatiana Denissevich, Ioury Ostrovskiy, Prof Cardiovascular Surgery, Cardiac Surgery, Scientific and Practical Centre of Cardiology, Minsk, Belarus*
- 2 **Efficacy and Safety of Different Techniques in Intraoperative Induction of Ventricular Fibrillation in Patients who Got ICD**  
*Marina Zemlyanova, PhD, Andrey Semagin, PhD, Maxim Masilov, MD, Sergey Khokhlunov, PhD*  
*Cardiovascular Disease, Arrhythmology, Cardiovascular Surgery, The Region Cardiological Clinic, Samara, Russia*
- 3 **Long-term Survival after Cryoablation in Patients with Postinfarction Aneurysm and Ventricular Tachycardia**  
*Andrey Semagin, PhD, Sergey Khokhlunov, PhD, Dmitriy Kuznezov, PhD, Victor Polyakov, PhD, Marina Zemlyanova, MD*  
*Cardiovascular Disease, Cardiac Surgery, The Region cardiological clinic, Samara, Russia*
- 4 **Impact of Various RR Intervals on Heart Rate Turbulence in Patients with Ventricular Couplets and Ventricular Tachycardia**  
*Anna Tsvetnikova, MD, Elena Parmon, PhD, Edvard Bergardt, PhD*  
*Clinical Physiology of Circulation, Almazov Heart, Blood and Endocrinology Center, St.-Petersburg, Russia*
- 5 **Eighteen Years Experience of ICD Implantation**  
*Amiran Revishvili, PhD, MD, Nikolos Lomidze, MD, Alexey Grygoryev, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for Cardiovascular Surgery, Moscow, Russia*
- 6 **The Efficiency of Radiofrequency Catheter Ablation of the Patients with Noncoronary Ventricular Parasystole**  
*Dmitriy Lebedev, PhD,MD, Tatiyana Treshkur, PhD,MD, Elena Parmon, PhD,MD, Maria Ovetchkina, MD*  
*Clinical Physiology of Circulation, Almazov Heart, Blood and Endocrinology Center, Saint-Petersburg, Russia*
- 7 **Effect of Antiarrhythmic Therapy in Patients with Ventricular Arrhythmias Depends on the Tone of Autonomic Nervous System**  
*Tatiyana Treshkur, PhD,MD, Elena Parmon, PhD,MD, Maria Ovetchkina, MD*  
*Clinical Physiology of Circulation, Almazov Heart, Blood and Endocrinology Center, Saint-Petersburg, Russia*

**P2 - POSTERS (Cont.)**

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- 8      **Evaluation of Antiarrhythmic Influence of Eltacin (new metabolic drug) in Elderly with Ischemic Heart Disease**  
*Rina Zaslavskaya, E Kelimberdieva, E Kalinina*  
*Gorsdrav, Cardiology, Hospital 60, Moscow, Russia*
- 9      **Ventricular Arrhythmias in Male with Syndrome Z**  
*Olga Lyshova, MD, PhD, D.Sci, Ludmila Ivannicova, Dr, Vladimir Morgachev, Dr*  
*Medicine, Therapy Faculty, Burdenko Medical Academy, Voronezh, Russia*
- 10     **Ventricular Arrhythmias in Russian Population and their Association with Health Status and Mortality**  
*Maria Shkolnikova<sup>1,2</sup>, Yurii Shubik<sup>4</sup>, Svetlana Shalnova<sup>3</sup>, Vladimir Shkolnikov<sup>1</sup>, James W Vaupel<sup>1</sup>*  
*<sup>1</sup>Max Planck Institute for Demographic Research, Rostock, Germany, <sup>2</sup>Moscow Research Institute of Pediatrics & Pediatric Surgery, Moscow, <sup>3</sup>Federal Russian Center of Children's Arrhythmias, State Research Center for Preventive Medicine, Moscow, <sup>4</sup>North-West Center for Cardiac Arrhythmias, Saint-Petersburg, Russia*
- 11     **Is Heart Rate Turbulence Observed after Ventricular Couplet and Ventricular Tachycardia?**  
*Anna Tsvetnikova, MD, Edvard Berngardt, PhD, Elena Parmon, PhD*  
*Clinical Physiology of Circulation, Almazov Heart, Blood and Endocrinology Center, St.-Petersburg, Russia*
- 12     **Some Observations on Sudden Cardiac Death Primary Prevention**  
*Jacek Bednarek, MD, PhD, Jacek Lelakowski, MD, PhD, Barbara Malecka, MD, PhD*  
*Electrocardiology, John Paul II Hospital, Krakow, Poland*
- 13     **Inflammation Markers and Remodeling in Patients with Acute Coronary Syndrome and Ventricular Arrhythmia**  
*Svetlana Grigoryan, MD, Karlen Adamyan, MD, Lusine Hazarapetyan*  
*Arrhythmia, Cardiology, NIH, Yerevan, Armenia*
- 14     **Antiarrhythmic Effect of Preinfarction Angina in Patients after Primary Angioplasty: Assessment by 24-hour Holter Monitoring**  
*Elena Lykasova, MD<sup>1</sup>, Yuliya Pak, MD<sup>1</sup>, Victor Todosiychuk, MD, PhD<sup>1</sup>, Vadim Kuznetsov, MD, PhD, Professor<sup>2</sup>*  
*<sup>1</sup>Cardiovascular Disease, Non-invasive Electrophysiology, <sup>2</sup>Director, Tyumen Cardiology Center, Tyumen, Russia*
- 15     **ECG Diagnostics of Non-ischemic Ventricular Arrhythmias: Typical and Rare Localisations**  
*Amiran Revishvili, PhD, MD, Marina Noskova, PhD, MD*  
*Cardiovascular Disease, Cardiac Arrhythmias, Bacoulev Scientific Centre for Cardiovascular Surgery, Moscow, Russia*

**P2 - POSTERS (Cont.)**

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- 16     **Targeted Ablation of the Moderator Band Eliminates Ventricular Tachycardia**  
*Omar AbouEzzeddine*<sup>1</sup>, *Mahmoud Suleiman*<sup>2</sup>, *Paul Friedman*<sup>2</sup>, *Jennifer Mears*<sup>2</sup>,  
*Traci Buescher*<sup>2</sup>, *Douglas L Packer*<sup>2</sup>, *Samuel Asirvatham*<sup>2</sup>  
<sup>1</sup> *Internal Medicine,* <sup>2</sup> *Internal Medicine, Cardiovascular Disease, Mayo Clinic,*  
*Rochester, USA*
- Pacing:**
- 17     **Two Echocardiographic Approaches for Interventricular Interval Optimization in Biventricular Devices**  
*Jolana Lipoldova, MD*<sup>1</sup>, *Miroslav Novak, Assist Prof, MD, PhD*<sup>1</sup>,  
*Jaroslav Meluzin, Prof., MD, PhD*<sup>1</sup>, *Vera Feitova, MD*<sup>3</sup>, *Ladislav Dusek, Ing*<sup>2</sup>,  
*Jiri Vitovec, Prof., MD, PhD*<sup>1</sup>  
<sup>1</sup> *1st Clinic of Internal Medicine - Cardiology and Angiology, St. Ann Faculty Hospital and Masaryk University,* <sup>2</sup> *Centre of Biostatistic, Masaryk University,*  
<sup>3</sup> *Clinic of Imaging Methods, St. Ann Faculty Hospital and Masaryk University,*  
*Brno, Czech republic*
- 18     **Optimisation Intraventricular Conduction Delay in Patients with Implantable CRT**  
*Marina Zemluanova, PhD*<sup>1</sup>, *Elena Karpushkina, MD*<sup>2</sup>, *Maxim Masilov, MD*<sup>3</sup>,  
*Andrey Semagin, PhD*<sup>3</sup>, *Jakov Tracht, MD*<sup>3</sup>, *Sergey Khokhlunov, PhD*<sup>3</sup>  
<sup>1</sup> *Cardiovascular Disease, Arrhythmology,* <sup>2</sup> *Cardiovascular Disease, Cardiology,*  
<sup>3</sup> *Cardiovascular Disease, Cardiovascular Surgery, The Region Cardiological Clinic,*  
*Samara, Russia*
- 19     **Optimization of Biventricular Pacing Parameters in Patients with Congestive Heart Failure**  
*Alexey Revishvili, PhD, MD,* *Nikolos Lomidze, MD,* *Alexey Grygoryev, MD,*  
*Bahodur Khafizov, MD,* *Simon Matzkeplishvili, MD*  
*Cardiovascular Disease, Cardiovascular Surgery, Bakoulev Center for*  
*Cardiovascular Surgery, Moscow, Russia*
- 20     **Complications of CRT at the Medical Centre without Cardiosurgery - Is it Safe Enough?**  
*Zoran Perisic, PhD, MD, FESC,* *Tomislav Kostic, MD,* *Dragan Milic, PhD, MD,*  
*Sonja Salinger-Martinovic, PhD, MD, FESC*  
*Pacemaker Center, Cardiovascular Clinic, Clinical Center of Nis, Nis, Serbia*
- 21     **Prolonged Asystole During Tilt Table Testing: A Rare Case Report of Malignant Neurocardiogenic Syncope**  
*Robert Goldstein, MD,* *Anil Goli, MD*  
*Medicine, Cardiovascular Medicine/Electrophysiology, Case Medical Center,*  
*Cleveland, USA*

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- 22     **Impedance Cardiography as a Method for Atrio-ventricular and Ventriculo-ventricular Delay Optimizing of Biventricular Devices**  
*Jolana Lipoldova, MD<sup>1</sup>, Miroslav Novak, Assist. Prof., MD, PhD<sup>1</sup>, Pavel Homolka, MD, PhD<sup>2</sup>, Pavel Kamaryt, Prof., MD, PhD<sup>1</sup>*  
*<sup>1</sup> 1st Clinic of Internal Medicine - Cardiology and Angiology, <sup>2</sup> Clinic of Functional Diagnostics and Rehabilitation, St. Ann Faculty Hospital and Masaryk University, Brno, Czech republic*
- 23     **Percutaneous Extraction of Chronically Implanted (rooted) Leads in 120 Patients - Single Centre Experience**  
*Andrzej Kutarski<sup>1</sup>, Barbara Malecka<sup>2</sup>, Piotr Rucinski<sup>3</sup>, Andrzej Zabek<sup>2</sup>*  
*<sup>1</sup> Department of Cardiology, Medical University of Lublin, Lublin, <sup>2</sup> Department of Electrophysiology, Jagiellonian University of Cracov, Cracov, <sup>3</sup> Department of Cardiology, Medical University of Warsaw, Warsaw, Poland*
- 24     **The Wave Structure of the Cardiac Rhythm: Development of Uniform Technique**  
*Olga Kupriyanova<sup>1</sup>, I.G Nidekker<sup>2</sup>*  
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