



ICI meeting **2015**

Innovations in Cardiovascular Interventions
December 13-15, 2015, Tel-Aviv, Israel

Scientific Program

Academy of Innovation Program – Sunday, December 13, 2015

Sponsored by Medtronic

Developing New Cardiovascular Therapies; The Innovation Process and the Role of a Key Opinion Leader

07:30 - 07:40 Registration and Breakfast

07:40 - 08:00 Welcomes:

Chaim Lotan, *Israel*

Rafi Beyar, *Israel*

Martin T. Rothman, *USA*

Workshop Introduction:

Paul A. Iazzo, *USA*

08:00 - 08:20 **Re-Shaping Medical Pipelines How Clinicians are becoming Innovators**

Chaim Lotan, *Israel*

08:20 - 08:40 **How to Determine if a New Device is Needed Market Evaluation and Needs Assessment Methods**

William Durfee, *USA*

08:40 - 09:00 **How to Determine if a New Device is Needed - Market Evaluation and Needs Assessment Methods**

Todd J. Brinton, *USA*

09:00 - 09:20 **Case Study: Mitral & Tricuspid Replacement**

Francesco Maisano, *Switzerland*

09:20 - 09:40 **Essentials of Creativity - Sketching, Notebooks and Documenting**

Paul Iazzo and William Durfee, *USA*

09:40 - 10:10 Coffee and Networking Break

10:10 - 10:20 **Brainstorming Warmup**

William Durfee, *USA*

10:20 - 10:50 **Innovation Exercise 1: Generate Ideas**

10:50 - 11:20 **Competitive Pipelines in the Medical Device Market**

Rick Geoffrion, *USA*

11:20 - 11:50 **Testing Your Medical Device Idea: Bench Tests, Pre-Clinical, Clinical Trials**

Paul Iazzo, *USA*

11:50 - 12:10 **Regulatory Pathways for you Device**

Susan Alpert, *USA*

12:10 - 12:50 LUNCH

12:50 - 13:10 **Protecting Your Intellectual Property Through Patents**

William Durfee, *USA*

13:10 - 13:30 **How to Strategize and Plan Your Startup**

December 13-15, 2015

David InterContinental Hotel, Tel Aviv, Israel

Scientific Program – Sunday, December 13, 2015 Cont.

Kathleen Marshall, USA

13:30 - 13:50 Innovation Exercise 2: Develop a New Cardiovascular Product

13:50 - 14:10 Team Presentations

14:10 - 14:30 *Coffee and Networking Break*

14:20 - 14:55 How to Build a Medical Device Company

Amir Belson, USA

14:55 - 15:25 Digital Health Revolution - A New Player in the Innovation Market

Peter J. Fitzgerald, USA

15:25 - 15:55 The Corporate View of Technology Assessment and Acquisitions

Timothy G. Laske, USA

15:55 - 16:10 Clinical Trials Complications

Jan Skowronski, USA

16:10 - 16:35 Lessons Learned for Early Stage Medtech Entrepreneurship:

Navigating in Rough Waters

Eric Le Royer, Switzerland

16:35 - 17:00 Cardiovascular Medical Device Innovation: A Discussion

Panel with Chaim Lotan, Rafi Beyar, *Israel*; Amir Belson, Peter J. Fitzgerald, Timothy G. Laske, *USA*

17:00 *Adjourn*

Scientific Program – Monday, December 14, 2015 Cont.

08:30-10:00	TAVR I Chairs: <i>Jean-Claude Laborde, France, Corrado Tamburino, Italy, Haim Danenberg, Israel</i>	<i>Hall C</i>
08:30	Procedure Changing Paradigm <i>Martin B. Leon, USA</i>	
08:42	Redefining Aortic Stenosis: Use of Advanced Imaging, Hemodynamics, Computational Models, and Clinical Data to Revise Trigger Points for Treatment <i>Elazer R. Edelman, USA</i>	
08:54	TAVI for Intermediate and Low Risk Patients - It's About Time <i>Ariel Finkelstein, Israel</i>	
09:06	Symetis ACURATE neo™ Aortic Heart Valve <i>Corrado Tamburino, Italy</i>	
09:18	SAPIEN 3: A New Era of TAVI Enabled by Meaningful Product Innovation <i>Danny Dvir, USA</i>	
09:30	TAVR New Technology Platforms <i>Martin B. Leon, USA</i>	
09:42	Panel Discussion: Martin B. Leon, USA, Ariel Rougin, Dani Bitran, Israel	
08:30-10:00	Acute Coronary Syndrome and Cardiogenic Shock Chairs: <i>Ron Waksman, USA, Ömer Göktekin, Turkey, Dan Tzivoni, Israel</i>	<i>Hall H</i>
08:30	What Have We Learnt from the STREAM Study: Experience from the Country with Long Distances to the Cath Labs <i>Miodrag Ostojic, Serbia</i>	
08:42	Dealing with Huge Thrombus Burden in Primary PCI <i>Ngoc-Quang Nguyen, Vietnam</i>	
08:54	The BELL Balloon-Embolic Capture Technology <i>Giora Weisz, Israel</i>	
09:06	Patients with Multivessel Disease: Is the Issue Ischemia or Vulnerable Plaque? <i>Ron Waksman, USA</i>	
09:18	Thrombus Management in Primary PCI - Is the Debate Over? <i>Mony Shuvy, Israel</i>	
09:30	Can Peri-infarct Pacing Prevent Adverse Left Ventricular Remodeling After Large MI? <i>Gregg W. Stone, USA</i>	

Scientific Program – Monday, December 14, 2015 Cont.

08:30-10:06 **Imaging, Physiology and Beyond** *Hall I*
Chairs: Amir Lerman, *USA*, William Wijns, *Belgium*,
Ronen Rubinshtein, *Israel*
Sponsored by Volcano Europe

08:30 **Physiologic Assessment of Coronary Ischemia**
James K. Min, USA

08:42 **Computation of Fractional Flow Reserve by Quantitative Coronary
Angiography: The FAVOR Trial**
William Wijns, Belgium

08:54 **Novel Methods to Facilitate Bioabsorbable Vascular Scaffold (BVS)
X-Ray Visualization and IVUS Assessment**
Aaron Frimerman, Israel

09:06 **Practical Integration of Intravascular Imaging and Physiology into the
Catheterization Laboratory**
Gary S. Mintz, USA

09:18 **iFR-Pullback: Predicting Post-PCI Physiology in Tandem Disease**
Sukhjinder Nijjer, UK

09:30 **New Generation of IVUS and Its Importance in Contemporary PCI**
Alberto Hendler, Israel

09:42 **Coronary Flow Reserve by Transthoracic Echocardiography in Guding
PCI of LAD**
Miodrag Ostojic, Serbia

09:54 **Does IVUS Have Anything to Offer for Bifurcation Treatment? From
Theory to Data**
Ioannis Iakovou, Greece

08:30-10:00 **The Landscape of Digital Health** *Hall J*
Chairs: Peter J, Fitzgerald, Bert Zimmerli, *USA*, Chaim Lotan, *Israel*

08:30 **Uberization of Healthcare, as Decentralization Occurs Rapidly into the
Retail Model**
Peter J. Fitzgerald, USA

08:50 **Intermountain Health - the Perspective of the Leading ACO that Sits on
30 Years of EMR... How Does this Data Effect IMH Strategy**
Bert Zimmerli, USA

09:05 **Digital Monitoring Technology to Optimize Post-procedure Outcomes**
Charles A. Simonton, USA

09:20 **New Implantable Monitoring (LINQ) Device**
Sean Salmon, USA

Scientific Program – Monday, December 14, 2015 Cont.

09:35 **Just Between Us - Digital Revolution in Doctor - Patient Treatment**
Esther Liebersohn Namer - SessMe

09:45 **Panel Discussion**

08:30-10:00 **Technology Parade I - Devices** *Room 4*
Chairs: Uri Rosenschein, *Israel*, Michael Zhao, *China*,
Eric Le Royer, Switzerland

08:30 **Quasar**
From Design to Full Production of Medical Device
Boaz Amitai

08:40 **Stratasys**
How 3D Printing is Improving Patient Care, Product Innovation and Adoption
R. Scott Rader, USA

08:50 **Nazzano Devices**
Use of CRT/ICD for Management of Noncardiac Pathologies
Andrew JS. Coats, UK

09:00 **Anaconda Biomed**
Anaconda Brain Advanced Thrombectomy System
Mark Ribó, Spain

09:10 **TA ElectroForce**
New Technologies for Durability Testing of Heart Valves
Troy Nickel, Israel

09:20 **Control Rad Systems**
Dramatic Radiation Dose Reduction to Medical Staff using an Eye Tracker
Guillaume Bailliard, USA

09:30 **Bendit Technologies**
Makes the Trek into a Walking in the Park, Bendit Technologies
Preclinical Case
David Planer, Israel

09:40 **Rapid-Medical**
New tools for Interventional Neuroradiology
Ronen Eckhouse, Israel

09:50 **Eximo Medical**
Atherectomy Using Hybrid Catheters and 355nm Pulsed Laser
David Planer, Israel

10:00-10:30 Coffee Break & Exhibition Visit

10:30-12:30 **Plenary Session I** *Hall ABC*

10:30 **Greetings, Opening Remarks and Acknowledgments**
Rafi Beyar, Chaim Lotan, Israel, Fausto J. Pinto, Portugal



Scientific Program – Monday, December 14, 2015 Cont.

- 10:40** **Keynote Lecture: Innovative Medical Technology in a Challenging Healthcare Environment**
Michael F. Mahoney, President & CEO, Boston Scientific Corporation
- 11:05** **Keynote Lecture: BRS - Past, Present and Future**
Patrick W. Serruys, Emeritus Prof. of Medicine, Erasmus Medical Center, Rotterdam; Prof. of Cardiology, Imperial College London
- 11:30** **Live Case Transmissions from the Sheba Medical Center**
Panel: Eberhard Grube, Germany,
Ariel Finkelstein, Yaron Almagor, Israel
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12:30-14:00 Lunch Break & Exhibition Visit

12:40-13:40 LUNCH SESSION - Sponsored by Medtronic

Driving Optimal Valve Delivery & Performance in TAVI Patients *Hall H*
Faculty: Haim Danenberg, Israel, Eberhard Grube, Germany,
Ronen Rubinshtein, Israel
Moderators: Abid Assali, Ariel Finkelstein, Israel

- 12:40** **Updates on MDT TAVI Clinical Trials**
Haim Danenberg, Israel
- 13:00** **Usefulness of New CT Technologies for Interventional Cardiovascular Procedures**
Ronen Rubinshtein, Israel
- 13:20** **Twelve Transcatheter Mitral Valve Introduction**
Eberhard Grube, Germany
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12:40-13:40 LUNCH SESSION - Sponsored by Biotronik

How Innovation Plays a Part in Improving Your day-to-day Workload *Hall I*
Chairmen: Ron Waksman, USA , Eli Lev, Israel
Panelists: Ezri Rozenbaum, Vladimir Turkisher, Israel

- 12:40** **Introduction**
Eli Lev, Israel
- 12:43** **BA Polymer DES in High Risk Patients**
Juan F. Iglesias, Switzerland
- 12:55** **Complex ORSIRO STEMI Case**
Ariel Roguin, Israel
- 13:07** **Complex ORSIRO MVD Case**
Abid Assali, Israel
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Scientific Program – Monday, December 14, 2015 Cont.

13:19 **What Magnesium Scaffold will Bring Us in the Future**
*BIOSOLVE Overview
*DREAMS Recorded case
Jacques Koolen, *The Netherlands*

13:37 **Take-Home Messages**
Ron Waksman, *USA*

12:40-13:40 LUNCH SESSION - Sponsored by Abbott

The Great Debate - Bioreabsorbable Scaffolds: Why, Who and How *Hall J*
Moderators: Dariusz Dudek, *Poland*, Gregg W. Stone, *USA*
Panelists: Tommaso Gori, *Germany*, Corrado Tamburino, *Italy*

12:40 **Absorb Real Life Experience**
Interactive discussion with: Gregg W. Stone, *USA*, Dariusz Dudek, *Poland*,
Tommaso Gori, *Germany*, Corrado Tamburino, *Italy*

14:10-15:38 **East Meets West** *Hall A*
Chairs: Yuval Binur, *USA*, Michael Zhao, *China*, Rafi Beyar,
Chaim Lotan, *Israel*
Panelists: Junbo Ge, Xu Bo, Huo Yong, Qiyi Lou, Sylvia He, *China*;
Efi Cohen Arazi, *Israel*

14:10 **Greetings**
Yuval Binur, *USA*; Huo Kong, *China*; Chaim Lotan, *Israel*

14:18 **Exploration of Cardiovascular Innovation Mode - Center for
Cardiovascular Innovations in China**
Junbo Ge, *China*

14:24 **Current State of China Cardiology Markets and Investment Chances**
Roby Liu, *China*

14:38 **Matrizyme Pharma**

14:48 **New Closure Technologies: InSeal**

14:58 **New Closure Technologies: Novogate**

15:08 **Arineta**

15:18 **HealthWatch**

15:26 **Amnis**

15:36 **Sensible**

Scientific Program – Monday, December 14, 2015 Cont.

- 14:10-16:00** **Interventional Cardiology: Live from the Catheterization Laboratory** *Hall B*
Chairs: **Martin B. Leon, USA, Chaim Lotan, Yaron Almagor, Israel**
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- 14:10** **Live from the Cath Lab**
Ioannis Iakovou, Greece, Jamal Jafari, Vladimir Turkisher, Israel,
- 14:40** **Renal Protection with Renal Guard System**
Marie-Claude Morice, France
- 14:52** **Cath Lab of the Future - Unmet Needs**
Yoseph Rozenman, Israel
- 15:10** **Stretching the Left Main PCI Limits With Latest-Generation DES and BVS**
Alaide Chieffo, Italy
- 15:22** **The Hemodynamic Support in High Risk PCI and Cardiogenic Shock**
Daniel Burkhoff, USA
- 15:35** **Noninvasive FFRCT - Optimizing Outcomes with Physiology-Guided Coronary Revascularization**
Jonathon Leipsic, Canada
- 15:47** **Screening for Abdominal Aortic Aneurysm (AAA) in Patients with Heart Disease**
Yehuda Wolf, Israel
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- 14:10-15:46** **Mitral Disease - A Challenge to Innovators** *Hall C*
Chairs: **Alec Vahanian, France, Francesco Maisano, Switzerland, David Meerkin, Erez Sharoni, Israel**
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- 14:10** **A Pathologic Understanding of the Mitral Valve Complexities**
Renu Virmani, USA
- 14:22** **Mitral Valve Replacement - Are We Coming Closer?**
Francesco Maisano, Switzerland
- 14:34** **Macroscopic and Microscopic Assessment of TAVI and TMVR, Tips and Tricks**
Nicolas Borenstein, France
- 14:46** **Valve in Valve Implantations: Important lessons from Bench and Bedside Assessments**
Danny Dvir, USA
- 14:58** **Development of a Transcatheter Mitral Valve Replacement (TMVR) Device**
Eberhard Grube, Germany
- 15:10** **Translational Research Challenges in Transcatheter Mitral Replacement**
Stanton J. Rowe, USA
- 15:22** **MValve: Technology and Clinical Update**
Maurice Buchbinder, USA

Scientific Program – Monday, December 14, 2015 Cont.

15:34 **Mitral Valve Repair Using New Percutaneous Septal Sinus Shortening Device**
Andrejs Erglis, Latvia

14:10-15:58 **Bioresorbable Scaffolds** *Hall H*
Chairs: Alexandre A. Abizaid, Brazil, Abid Assali, Israel

14:10 **Bioresorbable Scaffolds: ABSORB III and ABSORB Meta-Analysis**
Gregg W. Stone, USA

14:22 **Optimizing Implantation of Bioresorbable Scaffolds: Lessons Learned from the European Experience**
Tommaso Gori, Germany

14:34 **What are Bioresorbable Scaffolds (BRS), and Why Do We Need Them?**
Ron Waksman, USA

14:46 **Scaffold-Vessel Interactions: What the Interventionalist Should Know**
Richard J. Rapoza, USA

14:58 **Highlights of DES and BRS Clinical Trials in China**
Xu Bo, China

15:10 **BRS as New Therapy**
Corrado Tamburino, Italy

15:22 **New Technique of Bioresorbable Vascular Scaffold Implantation in Acute Coronary Syndromes**
Dariusz Dudek, Poland

15:34 **DESolve NX 3yr Clinical and Imaging Data**
Stefan Verheye, Belgium

15:46 **Biolimus-Coated vs. Bare-Metal Coronary Stents in High Bleeding Risk Patients: One-Year Results from the Leaders Free Trial**
Hans-Peter Stoll, USA

14:10-15:50 **Technology Parade II** *Hall I*
Imaging & Digital
Chairs: Elazer R. Edelman, USA, Frank Litvack, USA; Mordecai Kramer, Sigal Kramer-Tal, Israel

14:10 **CardioMed Device Consultants**
Early Feasibility IDE Study: Accessing FDA's Innovative Regulatory Pathway to Accelerate Your Time to Market
Semih Oktay

14:20 **Arineta: A Novel Stereo CT Scanner for Cardiac Imaging**
Ehud Dafni

Scientific Program – Monday, December 14, 2015 Cont.

- 14:30 **Real View**
3D Live Holography for Structural Heart Interventions - The Next Phase
Elchanan Bruckheimer
- 14:40 **SurModics**
SurModics Medical Device Coating Technologies for Enhanced Performance
Gregg Hamel
- 14:50 **CardioSecur**
CardioSecur - The Solution for 200m Heart Patients
Harrie van Baars
- 15:00 **Genae**
The Impact of Technology on Clinical Research: Who Benefits?
Aly Talen
- 15:10 **Yale Cardiovascular Research Group**
From Bench to Bedside: Why it's Never too Early to Think Clinical as Part of an Integrated Device Evaluation Plan
Elad Yaacoby
- 15:20 **Feops**
Patient based Simulations for Personalized Planning of Structural Heart Procedures
Matthieu De Beule

14:10-15:40 **Digital Health** *Hall J*
Big Data
Chairs: **Martin T. Rothman, USA, Ran Balicer, Ittai Harel, Israel**

- 14:10 **Connecting Life Sciences With The Emerging Payer/Provider Stakeholders: a Real Life Laboratory to Track Outcomes and Assess Results**
Allen Kamer, USA
- 14:22 **Data-driven Innovation in Health Care**
Ran Balicer, Israel
- 14:34 **The Opportunities of Big Data in Medicine**
Varda Shalev, Israel
- 14:46 **Hilbert Paradox - a Unique Way of Worldwide Capturing and Correlating Digital Health Data**
Stefan Verheye, Belgium
- 14:58 **ig Data in HealthCare: Needs, Opportunities and Technologies**
Marvin J. Slepian
- 15:20 **Medial Research**
Arturo Weschler, Israel

Scientific Program – Monday, December 14, 2015 Cont.

15:22	Medisafe <i>Omri Shor, Israel</i>	
14:10-15:50	Ultimaster DES: Power of Evidence Sponsored by Terumo	Room 4
14:15	A Glimpse into the Healing Process <i>Marie-Claude Morice, France</i>	
14:45	What do Animals Tell Us? <i>Renu Virmani, USA</i>	
15:15	The Road to Guidelines <i>William Wijns, Belgium</i>	
15:40-16:00 Coffee Break & Exhibition Visit		
16:00-17:45	Stroke and Neurovascular Interventions Chairs: <i>Chaim Lotan, Israel, Adnan H. Siddiqui, USA, Natan Bornstein, Israel</i>	Hall A
16:00	Stroke Innovations - the Neurologist's View <i>Natan Bornstein, Israel</i>	
16:12	Stroke Interventions - the Neurosurgeon View <i>Adnan H. Siddiqui, USA</i>	
16:24	Stroke Interventions - the Pharmaceutical View <i>Shmuel Fuchs, Israel</i>	
16:36	Imaging in Stroke - Recent Trends and Stroke Mimics <i>Ronit Agid, Canada</i>	
16:48	Interventional Treatment of Ischemic Stroke In Israel - Where are we? Where are we headed? <i>Yaaqov Amsalem, Israel</i>	
17:00	Amnis Therapeutics - A Fresh Approach to Mechanical Thrombectomy <i>Adnan H. Siddiqui, USA</i>	
17:12	Thrombectomy with the pREset Stent Retriever - Insights from the ARTESp Trial <i>Wiebke Kurre, Germany</i>	
17:24	Implantable Monitors and Stroke Prevention <i>Rod S. Passman, USA</i>	
17:36	Panel Discussion: Kenneth Rosenfield, USA, Gergory Telman, Israel	
16:00-18:00	Autonomic Modulation and Beyond Chairs: <i>Felix Mahfoud, Germany, Basil S. Lewis, Israel, Tibor Szuk, Hungary</i>	Hall B

Scientific Program – Monday, December 14, 2015 Cont.

- 16:00 **Influence of Arterial Micro Anatomy on Response to Renal Artery Denervation**
Elazer R. Edelman, USA
- 16:12 **Renal Denervation and Therapies - Current Evidence**
David E. Kandzari, USA
- 16:24 **Carotid Bulb Restoration**
Felix Mahfoud, Germany
- 16:36 **Baroreflex Activation Therapy: Integrated Neuromodulation for Heart Failure and Hypertension**
Robert Kieval, USA
- 16:48 **Insights into Patient Selection for RDN and the UK Experience**
Andrew Sharp, UK
- 17:00 **Device-Based Endovascular Aortic Neuromodulation Therapy: Acute Modulation of Left Ventricular Pressure and Cardiac Function**
Andrejs Erglis, Latvia
- 17:12 **Vagal Nerve Stimulation**
Atul Pathak, France
- 17:24 **Short-term Safety and Efficiency of Cryoablation for Renal Sympathetic Denervation in a Swine Model**
Li Shen, China
- 17:36 **Transcatheter Perivascular Alcohol-Mediated Renal Denervation**
Wojtek Wojakowski, Poland
- 17:48 **Aortic Neuromodulation Therapy**
Daniel Weiss, Israel
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- 16:00-17:48 **My Crazy TAVR Case (TAVR II)** *Hall C*
Chairs: Martin B. Leon, USA, Ariel Finkelstein, Israel,
Horst Sievert, Germany, Alaide Chieffo, Italy
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- 16:00 **A Trick or Treat Valve in Valve**
Martin B. Leon, USA
- 16:12 **This is My Craziest One...**
Eberhard Grube, Germany
- 16:24 **Fool Me Once, Shame on you. Fool Me Twice, Shame on Me...**
Ariel Finkelstein, Israel
- 16:36 **Late TAVI: is it a Déjà Vu or a Jamais Vu...?**
Alaide Chieffo, Italy
- 16:48 **Just Another Crazy TAVI Case...**
Horst Sievert, Germany
- 17:00 **Another Valve, Another Access...**
Alexandre A. Abizaid, Brazil

Scientific Program – Monday, December 14, 2015 Cont.

- 17:12 **The Crime and Its Punishment...**
Jean-Claude Laborde, France
- 17:24 **TAVI Bailout for LVOT Obstruction Followed MVR**
Francesco Maisano, Switzerland
- 17:36 **TAVR Complications: Percutaneous Retrieval Of A SAPIEN XT Valve Acutely Dislodged Into The Left Ventricle**
Gary Gershony, USA
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- 16:00-17:48 Stents - Coating, Eluting and Beyond** *Hall H*
Chairs: *Yukio Ozaki, Japan, Marie-Claude Morice, France, Morris Mosseri, Israel*
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- 16:00 **Expectations of Contemporary Drug-Eluting Stents**
Keith D. Dawkins, USA
- 16:12 **Bleeding Risk and 1 Month DAPT: Can LEADERS Free Shift the Paradigm?**
Alexandre A. Abizaid, Brazil
- 16:24 **Global Clinical and Regulatory Harmonization Efforts: The Case of CENTURY II**
Willam Wijns, Belgium
- 16:36 **Overview of Bionics and Nireus**
David E. Kandzari, USA
- 16:48 **DFS FIM Results**
Martin T. Rothman, USA
- 17:00 **Novel Cell-Selective Therapy for Superior Drug-Eluting Stents**
Hana Totary-Jain, USA
- 17:12 **Clinical Outcome in Bioresorbable Polymer Sirolimus-eluting Coronary Stent (Ultimaster™) and Conventional Sirolimus-eluting Stent**
Yukio Ozaki, Japan
- 17:24 **Novel Bio-Active Stent (BAS) Coated with Titanium Nitride Oxide (NO-particles) in Patients with Acute Coronary Syndrome**
Laurent Sebag, France
- 17:36 **DES & BRS - Pathological Insights**
Renu Virmani, USA
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- 16:00-17:48 New Horizons in Cardiovascular Regenerative Medicine** *Hall I*
Chairs: *Jonathan Leor, Lior Gepstein, Israel, Warren Sherman, Belgium*
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- 16:00 **Experiences Gained in the CHART-1 Stem Cell Study for CHF**
Warren Sherman, Belgium
- 16:15 **Pluripotent Stem Cells**
Lior Gepstein, Israel

Scientific Program – Monday, December 14, 2015 Cont.

- 16:30 **Reduction of Mortality by AAA Rupture Via Cell Therapy in a Mice Model**
Antoine Lafont, France
- 16:45 **Immunomodulation and Myocardial Regeneration**
Jonathan Leor, Israel
- 17:00 **Building a Biological Valve**
Amir Lerman, USA
- 17:15 **Left Atrial Stem Cells - Possible Therapy**
Ronen Beerl, Israel
- 17:30 **Panel Discussion: Moshe Flugelman, Israel, Antoine Lafont, France, Jacob George, Israel**
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16:00-17:45 Unmet Needs in Digital Health *Hall J*
Chairs: *Michal Geva, Rafi Beyar, Zeev Rotstein, Israel*

- 16:00 **The Evolving Success Factors in the Digital Health Era**
Michal Geva, Israel
- 16:20 **When Medical and Patient' Data Meets Cyber Security**
Lior Ateret, Israel
- 16:35 **Digital Health - Challenges for Startups**
Dan Shwartzman, Israel
- 16:45 **A New Smartphone App for Follow-up of PCI patients**
Bradley Strauss, Canada
- 17:00 **BioGaming**
Dudi Klein, Israel
- 17:10 **6over6 - Optometry @ hand**
Ofer Limon, Israel
- 17:20 **Closing Panel**
Moderator: *Peter J. Fitzgerald, USA*
Participants:
Zeev Rotstein - Sheba Medical Center
Michal Geva - Triventure
Anat Naschitz - Orbimed
Ittai Harel - Pitango
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16:00-17:45 Oral Presentation *Room 4*
Chairs: *Haim Danenberg, David Halon, Arthur Kerner, Reuven Ilia, Israel*

- 16:00 3D Heart Models for Planning of Percutaneous Tricuspid Interventions**
Andre Plass, Switzerland

Scientific Program – Monday, December 14, 2015 Cont.

- 16:10** **The acWire: A Novel Technique/device to Acquire an Accurate Annular Plane in Planning/performing TAVI Procedures - Initial Experience**
Stefan Verheye, France
- 16:20** **The Lumivascular Technology Platform: Real Time OCT Guidance for Therapeutic Intraluminal Revascularization**
Jaafer Golzar, USA
- 16:30** **Transcatheter Mitral Valve Annuloplasty: One Year Results of the Multicentre Feasibility Trial**
Francesco Maisano, Switzerland
- 16:40** **Effective Circumferential Ablation Using a Multi-electrode Bipolar/ Unipolar Over-the -Wire Renal Denervation RF Catheter System with Closed Loop Sensing**
Abraham Tzafri, USA
- 16:50** **Non-invasive Lung IMPEDANCE-Guided Preemptive Treatment in Chronic Heart Failure Patients: a Randomized Controlled Trial (IMPEDANCE-HF trial)**
Michael Shochat, Israel
- 17:00** **The WISE trial - A multi Center Trial of the WIRION Embolic Protection System in Carotid Stenting**
Uri Rosenschein, Israel
- 17:10** **Left Ventricular Partitioning and Percutaneous Mitral Valve Repair as a New Hybrid Concept for Patients with Ischemic Heart Failure and Severe Mitral Regurgitation**
Ulrich Schäfer, Germany

17:15-18:10	Technology Parade Cocktail	Exhibition Area
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| 18:10-19:35 | Brain Protection
Chairs: Ron Karmeli, <i>Israel</i> , Wu Yongjian, <i>China</i> , David Tene, <i>Israel</i> | Hall A |
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- 18:10** **Keystone Heart - TriGuard Cerebral Embolic Protection**
Pieter R. Stella, The Netherlands
- 18:22** **Sentinel 'Filter Science': Preventing irreversible Cerebral Infarction During Contemporary TAVI Procedures**
Ulrich Schäfer, Germany
- 18:34** **The Emboline Approach**
Amir Belson, USA
- 18:46** **TAVR - Cerebral Protection Using the Sentinel Device**
Martin B. Leon, USA
- 18:58** **Qool Therapeutics**
Amir Belson, USA

Scientific Program – Monday, December 14, 2015 Cont.

19:10 **Panel Discussion: Ben He, China, Pasi Karjalainen, Finland**

18:10-19:35 Device Innovation *Hall B*
Chairs: Rafi Beyar, *Israel*, Charles A. Simonton, *USA*,
Eyal Lifschitz, *Israel*

18:10 **New CV Innovations**
Peter J. Fitzgerald, USA

18:22 **How 3D Printing is Improving Patient Care, Product Innovation and Adoption**
R. Scott Rader, USA

18:34 **Transferring Technology from the Defense World to the Medical World - The Israeli Perspective**
Shimon Ekhouse, Israel

18:46 **Living Heart Project by Dassault Systems**
Steven Levine, USA

18:58 **Key Steps in Fostering a Culture of Physician Innovation**
William E. Cohn, USA

19:10 **From Dream to Reality - The PVT Story**
Stan Rabinovich, USA

19:22 **Needs in Medical Innovation**
Todd J. Brinton, USA

18:10-19:35 TAVR III *Hall C*
Chairs: Joachim Schofer, *Germany*, Ronen Jaffe, *Israel*,
Kong Xiang Qing, *China*

18:10 **Increased Risk of Cerebral Embolization after Implantation of a Balloon Expandable Aortic Valve without Prior Balloon Valvuloplasty**
Joachim Schofer, Germany

18:22 **Development of TAVR in China: Patient Characteristics, Device Improvements, and Clinical Data**
Yongjian Wu, China

18:34 **Updates on Recent CoreValve Studies - Where are We Headed?**
Eberhard Grube, Germany

18:46 **Early Discharge after TAVR**
Corrado Tamburino, Italy

18:58 **TAVI is the Treatment of Choice for Symptomatic AS in Octogenarians**
Pieter R. Stella, The Netherlands

19:10 **Lotus™ Valve System - Our Experience So Far**
Abid Assali, Israel

Scientific Program – Monday, December 14, 2015 Cont.

- 19:22 **Direct Flow Medical: Latest Data on a Unique Structural Heart Technology**
Azeem Latib, Italy
-
- 18:10-19:35 Funding and Regulation in a Changing Market** *Hall H*
Chairs: *Uri Geiger, Israel, Suzan Alpert, USA, Qiyi Luo, China*
-
- 18:10 **The Changing Landscape for Financing Medical Device Innovation**
Michael Berman, USA
- 18:22 **Healthcare Reform in the United States and the Potential Impact on Provider Reimbursement in the Changing Landscape**
Andrew Rubin, USA
- 18:34 **The FDA Today - What is new?**
Semih Oktay, USA
- 18:46 **Current Trends in Cardiovascular Innovations and Investments and What VCs are Looking For**
Katie Elias, France
- 18:58 **Present and Future of OUS (Out of the US) Clinical Studies on Cardiovascular Devices**
Gad Ginot, Israel
- 19:10 **Panel Discussion: Ronnie A. Hershman, Tal Wenderow, USA**
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- 18:10-19:35 The Advanced Catheterization Laboratory: Interventional Robotics, Navigation and Beyond** *Hall I*
Sponsored by Corindus Vascular Robotics through an Education Grant
Chairs: *Giora Weisz, Israel, Ehtisham Mahmud, James K. Min, USA*
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- 18:10 **Interventional Cardiology in 2025**
Martin B. Leon, USA
- 18:22 **Cardiovascular Surgery in 2025**
Ehud Raanani, Israel
- 18:34 **3D Printing in Medicine: Now and Tomorrow**
Peter Verschueren, Belgium
- 18:46 **Healthy Interventional Cardiologists - Call for Action**
Ariel Rougin, Israel
- 18:58 **Robotic Enhanced PCI**
Ehtisham Mahmud, USA
- 19:10 **Combining Coronary Anatomy and Physiology**
James K. Min, USA
- 19:22 **The Future is Here - The Vision of Management of CAD**
Giora Weisz, Israel



Scientific Program – Monday, December 14, 2015 Cont.

18:10-19:35	Technology Parade III Chairs: Dave Knapp, USA, Guo Wei, China, Xavier E. Pardo, USA	<i>Hall J</i>
18:10	Gesture-Based Input Innovation Impact on Anatomic Confirmation and Angiosuite Workflow <u>Zachary L. Bercu</u>	
18:22	Fulgur Medical Implant-based Non-invasive Isolation of Pulmonary Veins <u>Glenn Van Langenhove</u>	
18:32	The Dalio Institute: A Patient-Specific Soft Left Atrial Appendage Occluder <u>James K. Min</u>	
18:42	ac.biomed Clinically Relevant Testing for Cardiovascular Implants <u>Ulrich Steinseifer</u>	
18:52	Capture Vascular <u>Kenneth Rosenfield</u>	

Scientific Program – Tuesday, December 15, 2015

- 07:00-08:15** **Medtronic Spyril Breakfast Symposium: Pathway Forward With SPYRAL HTN** *Hall H*
Faculty: Felix Mafhoud, Germany, Andrew Sharp, UK,
Michael Böhm, Germany
Moderators: Yehonatan Sharabi, Israel, Uri Rosenschein, Israel
-
- 07:15 **Procedural Insights and Anatomical optimization of renal denervation with Symplicity Spyril™: Have we found the “sweet spot”?**
Felix Mahfoud, Germany
- 07:30 **Appropriate Patient Population for the Next RDN Studies**
Andrew Sharp, UK
- 07:45 **Addressing Drug Variability in Hypertension Investigation and Summary of SPYRAL HTN Global Clinical Trial Program**
Michael Böhm, Germany
- 08:00 **Q&A**
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- 08:30-10:01** **Vascular Session I - Aortic Interventions** *Hall A*
(In conjunction with VIVA)
Chairs: Moshe Halak, Gabriel Szendro, Allan Bloom, Israel
-
- 08:30 **Novel Total Arch Endograft: from Pre-clinical to First Human Study**
David Planer, Israel
- 08:43 **Relay Solutions for TEVAR Extending into or Near the Aortic Arch**
Vincent Riambau, Spain
- 08:56 **TEVAR - State of the Art and Future Directions**
Michael D. Dake, USA
- 09:09 **Evolution of Endografts for EVAR**
Michel S. Makaroun, USA
- 09:22 **Review of Medical 3D Printing Technology and its Possible Endovascular Applications**
Peter Merceelis, Belgium
- 09:35 **Do We Need a New Solution for Complex Aortic Pathologies?**
Ralf R. Kolvenbach, Germany
- 09:48 **CAS Micromesh Design and its Potential Benefit**
Sasko Kedev, Macedonia
-
- 08:30-10:00** **Pulmonary Hypertension** *Hall B*
Chairs: Robert J. Gil, Poland, Ori Ben-Yehuda, USA, Zvi Vered, Israel
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- 08:30 **Evaluation of the Patient with Pulmonary Hypertension in the Cath Lab**
Ori Ben-Yehuda, USA

Scientific Program – Tuesday, December 15, 2015 Cont.

- 08:42 **Pulmonary Arterial Hypertension: Current Treatment Options and Future Directions**
Lewis J. Rubin, USA
- 08:54 **Treatment of Chronic Thromboembolic Pulmonary Hypertension: a. Pulmonary Endarterectomy (PTE) b. Balloon Pulmonary Angioplasty (BPA) - an Emerging Therapy**
Ehtisham Mahmud, USA
- 09:14 **Pulmonary Hypertension Secondary to Heart Failure**
Israel Gotsman, Israel
- 09:26 **Pulmonary Artery Denervation: Pre-clinical and Early Clinical Studies**
Alex Rothman, UK
- 09:38 **Pulmonary Hypertension Associated with Congenital Heart Disease**
Amiram Nir, Israel
- 09:50 **Panel Discussion: Ron Lior, Robert Drago, Israel**

08:30-10:00 **ICI Innovators Forum - Dreams and Reality** *Hall C*
Sponsored by Medtronic
Chairs: Amit Segev, Israel, Michael Berman, USA, Chaim Lotan, Israel

- 08:30 **Current Limitations of Transcatheter Aortic Valve Implantation**
Amit Segev, Israel
- 08:40 **New Technologies - Do We Treat More Patients?**
Sean Salmon, USA
- 08:50 **My Vision for Transcatheter Mitral Valve Repair or Implantation**
Piotr Musialek, Poland
- 09:00 **Process/Parameters/ Prerequisite of Investing In a Structural Heart Company**
Rhonda Robb, USA
- 09:10 **Training the Next Generation Interventionalist and Cardiovascular Specialist**
Haim Danenberg, Israel
- 09:20 **The Tricuspid Valve - Do We Need to Address it Percutaneously?**
Ulrich Schäfer, Germany
- 09:30 **Panel Discussion:**
Moderators: **Michael Berman, Sean Salmon, Stanton J. Rowe, Elazer R. Edelman, USA, Piotr Musialek, Poland, Ulrich Schäfer, Germany, Amit Segev, Paul Fefer, Israel**

Scientific Program – Tuesday, December 15, 2015 Cont.

08:30-10:06 **Updates on Mitral Interventions (Mitral B)** *Hall H*
Sponsored by Valtech
Chairs: **Gad Keren, Israel, Patrick W. Serruys, The Netherlands, Maurice Buchbinder, USA, Dan Aravot, Israel**

08:30 **When Is It Too Late to Perform Transcatheter Mitral Valve Repair?**
Alec Vahanian, France

08:42 **The Importance of Resheatability of Transcatheter Heart Valve Implantation for Mitral Interventions**
Ulrich Schäfer, Germany

08:54 **Cardioband - A New Era of Mitral Valve Repair**
George Nickenig, Germany

09:06 **The HRT Mitral Bridge Technology for Functional MR**
Carlos E. Ruiz, USA

09:18 **Mitral Clip 2015 - Where are we? Where Are We Headed?**
Sameer Gafoor, USA

09:30 **Treatment of Functional MR: Anticipating COAPT**
Gregg W. Stone, USA

09:42 **The Dekel - a Delivery System for Transapical Implantation of a Prosthetic Mitral Valve**
Gad Keren, Israel

09:54 **SINOMED Mitral Valve Replacement Device, A Technical Overview**
Patrick W. Serruys, The Netherlands

08:30-10:00 **Heart Failure - Update on Devices, Diagnostic Approaches and Management** *Hall I*
Sponsored by Novartis
Chairs: **Andre Keren, Israel, Michael Böhm, Germany, Avraham Shtoan, Israel**

08:30 **State of the Art of Drug Therapy in Heart Failure: What is Still Missing**
Michel Böhm, Germany

08:42 **New Devices to Monitor Heart Failure and Reduce Hospitalizations**
Michael Shochat, Israel

08:54 **Developing Devices for Management of Heart Failure and Unmet Needs**
Stefan D. Anker, Germany

09:06 **Autonomic/cardiopulmonary Reflex Abnormalities as a Target for Device Therapy for Chronic Heart Failure**
Andrew JS Coats, UK

09:18 **The Total Artificial Heart 2015 – Pulsatile vs. Continuous Flow**
Marvin J. Slepian, USA

Scientific Program – Tuesday, December 15, 2015 Cont.

09:30	Cardiac Assist Devices: What is There and What is Missing? <u>Jacob Lavee, Israel</u>	
09:42	The Past, Present, and Future of the Total Artificial Heart (Evolution of the Continuous Flow TAH) <u>William E. Cohn, USA</u>	
08:30-10:00	Electrophysiology I: Cardiac Rhythm Devices of Today and Tomorrow Chairs: Michael Glikson, Vladimir Cholomizer, Nahum Fridberg, Israel	Hall J
08:30	Anatomy for the Implantor: What You Need to Know <u>Samuel Asirvatham, USA</u>	
08:42	Subcutaneous ICD: State of the Art and Towards Tomorrow <u>Reinoud Knops, The Netherlands</u>	
08:54	Pericardioscope - the New and Safe Way to Access Pericardial Space <u>Francesco Maisano, Switzerland</u>	
09:06	Emerging and Future Therapies: Leadless Pacing, Percutaneous Epicardial Leads, Left Ventricular Endocardial Leads and Seeds, and Other Strategies -What's New and Promising? <u>Paul A. Friedman, USA</u>	
09:18	Lead Extraction: Unmet Needs <u>David Luria, Israel</u>	
09:30	New Approach to US Ablation Using Epicardial Protection <u>Francesco Maisano, Switzerland</u>	
09:42	Endocardial Left Atrial Appendage Occlusion: Which Device for Which Patient <u>Horst Sievert, Germany</u>	
09:54	Panel Discussion: Mahmud Suleman, Michael Geist, Yair Elizur, Israel	
10:00-10:30	Coffee Break & Exhibition Visits	
10:30-12:30	Plenary Session II	Hall ABC
10:30	Award Ceremony	
11:00	Acute Stroke Intervention - The Neuro-interventionalist Role <u>Adnan H. Siddiqui, USA</u> The Interventional Cardiologist Role <u>Amit Segev, Israel</u>	
11:30	Live in the Box: Mitral Valve Repair in 3D <u>Ehud Raanani</u>	
11:45	Defensive Shield Operations: from Military Operations to Health Care	

Scientific Program – Tuesday, December 15, 2015 Cont.

Solutions

B.G. (Res.) Gal Hirsch, Chairman, Defensive - Shield Holdings, *Israel*

12:30-14:00 *Lunch Break & Exhibition Visit*

12:40-13:40 *LUNCH SESSION - Sponsored by Medtronic*

Unparalleled In Vascular Interventions

Hall H

Faculty: Michel S. Makaroun, Tal M. Hörer, Stephen Kam,
Montoulieu, Jean Luc

Moderators: Isaac Kori, Moshe Halak, *Israel*

12:40 **Welcome and Industry Vision**

Montoulieu Jean Luc, *Switzerland*

12:50 **Durability of Endurant Stent Graft through 5 Years**

Michel S. Makaroun, *USA*

13:10 **Onyx Embolization for Endoleaks and Trauma**

Tal M. Hörer, *Sweden*

13:20 **All DCBs are Different – Why is IN.Pact the Most Proven and Efficacious
DCB in the Market**

Stephen Kam, *USA*

12:40-13:40 *LUNCH SESSION - Sponsored by Mitralign*

Tricuspid Regurgitation: Defining the Problem and How to Treat It *Hall I*

Moderator: Yuval Binur, *USA*

12:40 **Opening Note**

Yuval Binur, *USA*

12:43 **Tricuspid Regurgitation in the Heart Failure Population**

Stefan D. Anker, *Germany*

12:55 **From Mitralign to Trialign: Converting a Mitral System into a Platform
to Treat Both Mitral and Tricuspid Regurgitation**

Rick Geoffrion, *USA*

13:01 **Transcatheter Repair for Function Tricuspid Regurgitation, Early
Experience**

Azeem Latib, *Italy*

13:13 **Trialign for Tricuspid Repair, “Case in a Box”**

Joachim Schofer, *Germany*

13:25 **Summary**

Q&A

Scientific Program – Tuesday, December 15, 2015 Cont.

- 14:10-15:54** **Vascular Session II - Carotid & Lower Extremities Interventions**
(In conjunction with VIVA) *Hall A*
Chairs: Daniel Silverberg, Jose Cohen, Isaac Kori, *Israel*
-
- 14:10 **CGuard CARENET/PARADIGM and the Upcoming Flow Diverter**
Piotr Musialek, Poland
- 14:23 **The Role and Benefits of the En Route Trans-Cervical Carotid Stent System**
Ignacio Leal, Spain
- 14:36 **Modern Day Risk Stratification and Strategies in CAS -Thinking About Flow Reversal and Direct Carotid Access, New Stent Designs**
Adnan H. Siddiqui, USA
- 14:49 **Zilver PTX: a Global Data Overview of Drug Eluting Stent for Femoropopliteal Disease**
Michael D. Dake, USA
- 15:02 **The Surmodics Surveil DCB**
Kenneth Rosenfield, USA
- 15:15 **New Data to Shape the Era of Drug Elution in Peripheral Interventions**
William A. Gray, USA
- 15:28 **Success Factors of DCB, Technical and Clinical Considerations**
Enrico Maria Marone, Italy
- 15:41 **A Novel Lithotripsy Assisted Angioplasty Balloon: Early Experience in the Treatment of Severe Infra-inguinal Calcification**
Todd J. Brinton, USA
-
- 14:10-15:50** **Structural Heart Disease and LAA Occlusion** *Hall B*
Chairs: Carlos E. Ruiz, *USA*, Rafael Hirsch, Amit Korah, *Israel*
-
- 14:10 **Techniques and Outcomes of Percutaneous Paravalvular Leak Closure**
Charanjit S. Rihal, USA
- 14:22 **Left Atrial Appendage Closure: Where are we now?**
Keith D. Dawkins, USA
- 14:34 **Percutaneous Creation of AV Fistulas for Providing Hemodialysis Access**
William E. Cohn, USA
- 14:46 **Percutaneous Treatment of Congenital Heart Disease Solely Guided by Echocardiography**
Xiangbin Pan, China
- 14:58 **VSD Closure - Unmet Needs**
Rafael Hirsch, Israel

Scientific Program – Tuesday, December 15, 2015 Cont.

- 15:10 TBA
15:22 TBA
15:34 Panel Discussion: Ezri Rozenbaum, Amir El Ami, Israel
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14:10-15:50 **Coronary Complications and Challenging Cases** *Hall C*
Chairs: Ariel Finkelstein, *Israel*, Junbo Ge, *China*, Jacob George, *Israel*

- 14:10 **A Filling Defect in the Coronaries Post Valve Surgery. Is it Always a Thrombus?**
Ioannis Iakovou, *Greece*
- 14:22 **Robert J. Gil**, *Poland*
- 14:34 **Ömer Göktekin**, *Turkey*
- 14:46 **How to Improve Coronary Perfusion - PCI or TAVI**
Dariusz Dudek, *Poland*
- 14:58 **I Wish I Had Understood a Little Bit More of OCT**
Maayan Koningstein, *Israel*
- 15:10 **Protected PCI**
Giora Weisz, *Israel*
- 15:22 **Acute Coronary Rupture: Role of Covered Stents**
Graham Cassel, *South Africa*
- 15:34 **Panel Discussion: Alex Goldberg, Yoav Turgeman, Majdi Halabi**, *Israel*
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14:10-15:40 **The Mitral and Tricuspid Valve - New Challenges** *Hall H*
Chairs: Yuval Binur, *USA*, Chaim Lotan, *Israel*, Allen S. Stewart, *USA*

- 14:10 **Debate: Repair VS Replacement for Secondary MR; Replacement Always!**
Gil Bolotin, *Israel*
- 14:22 **A new Mechanical Constraining Applicator for Sutureless Clamp-valves in the Mitral and Tricuspid Position**
Eric Berreklouw, *The Netherlands*
- 14:34 **Valcare: Device Description, Experiences and Future Directions**
David Meerkin, *Israel*
- 14:46 **Intra-operative Melody Bailout for the Unfixable Mitral Valve**
Allen S. Stewart, *USA*
- 14:58 **Adjustable Transcatheter Mitral and Tricuspid Annuloplasty Device**
Carlos E. Ruiz, *USA*
- 15:10 **25,000 MitraClip Patients World-Wide - Past and Future Perspectives**
Dariusz Dudek, *Poland*

Scientific Program – Tuesday, December 15, 2015 Cont.

15:22 **Multidetector CT for Transcatheter Mitral Valve Implantation - Beyond the Annulus**
Jonathon Leipsic, Canada

15:34 **Transcatheter Tricuspid Valve Repair: Initial Results from the Multicentre First-in-Man Feasibility Trial**
Alec Vahanian, France

14:10-15:50 **Heart Failure - Developing Technologies** *Hall I*
Chairs: **Andre Keren, Israel, Stefan D. Anker, Germany, Offer Amir, Israel**

14:10 **LV Reshaping Devices and MitraClip in Heart Failure**
Stefan D. Anker, Germany

14:22 **Non-Invasive Ventricular Assist Devices**
James K. Min, USA

14:34 **Evaluation of ReDS™ - Guided Patient Management in Ambulatory Heart Failure Patients At-Risk for Rehospitalization - The ReDS™-HF Study**
Tuvia Ben Gal, Israel

14:46 **The "Impedance-HF" Randomized Trial Proves Efficacy of Impedance Guided Therapy for Preventing Heart Failure Re-hospitalizations**
Michael Shochat, Israel

14:58 **A Miniature Wireless Left Atrial Pressure Monitoring System**
Oren Goldshtein, Israel

15:10 **The V Wave Interatrial Shunt - Reduces Symptoms of Pulmonary Congestion in Patients with Severe Chronic Heart Failure**
Neal Eigler, USA

15:22 **Counting App - A Novel Method to Assess Heart Failure Deterioration**
Chaim Lotan, Israel

15:34 **Panel Discussion: Jean Marc Weinstein, Israel Gotsman, Israel, Wei Meng, China, Shmuel Rispler, Israel**

14:10-15:50 **Electrophysiology II: Preventing Stroke and Managing Atrial Fibrillation Patients** *Hall J*
Chairs: **Sami Viskin, Aaron Medina, Israel**

14:10 **Implantable Monitors and Stroke Prevention**
Rod S. Passman, USA

14:22 **Sleep Apnea Management for AF Control**
Virend Sommers, USA

14:34 **VDD for Detection of Subclinical AF in ICD Patients**
Eugene Crystal, USA

Scientific Program – Tuesday, December 15, 2015 Cont.

- 14:46 **Which NOAC for Which Patient?**
Amos Katz, Israel
- 14:58 **MRI for Ventricular Arrhythmia Management**
Graham A. Wright, USA
- 15:10 **The Future of Cardiac Resynchronization Therapy: Personalized Medicine**
Jonathan Behar, UK
- 15:22 **Atrial Fibrillation and Stroke - Does One Cause the Other? Implications for Diagnosis and Treatment**
Paul A. Friedman, USA
- 15:34 **Panel Discussion: Avishag Laish-Farkash, Moti Haim, Moshe Swissa, Israel**

15:50-16:10 Coffee Break & Exhibition Visits

- 16:10-17:40 Vascular Session III -Venous Interventions, Dialysis Access and Thrombectomy (In conjunction with VIVA) *Hall A***
Chairs: *Eitan Heldenberg, Anthony Verstandig, Gabriel Bartal, Israel*
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- 16:10 **Adjuncts to EVAR: Aortic Balloon Occlusion and Onyx Embolization**
Tal M. Hörer, Sweden
- 16:23 **New Mechanical Thrombectomy Tool for Arterial and Venous Clot Management - Moving to Single Session Therapy?**
Frank R. Arko III, USA
- 16:36 **How will we Treat Varicose Veins in 2025?**
René Milleret, France
- 16:49 **The Crux Vena Cava Filter**
Frank R. Arko III, USA
- 17:02 **Minimally Invasive Creation of Autogenous Arteriovenous Fistulas**
Dheeraj Rajan, Canada
- 17:15 **Improving Results of Massive & Submassive PE Interventions**
Kenneth Rosenfield, USA
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- 16:10-17:40 The Triangle of Innovation: Academy - Hospital - Industry *Hall B***
Chairs: *Rafi Beyar, Israel, Todd J. Brinton, USA, Ruth Alon, Israel*
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- 16:10 **The Interaction between the Academy - Hospital - Industry: My Point of View**
Todd J. Brinton, USA
- 16:22 **Innovation Strategy Within Rambam Health Care Campus**
Nadav Ben-Haim, Israel
- 16:34 **Global Regulatory Challenges to Device Innovation**
Charles A. Simonton, USA

Scientific Program – Tuesday, December 15, 2015 Cont.

16:46 **Medical Device Innovation: From Concept To Commercialization**
Gary Gershony, USA

16:58 **Regulatory Considerations for Personalized Medicine**
Gad Ginot, Israel

16:10-17:40 Needs Around TAVR *Hall C*
Chair: **Pieter R. Stella, The Netherlands, Chaim Lotan, Israel, Renat S. Akchurin, Russia**

16:10 **Outcome of Transcatheter Aortic Valve Implantation in Patients ≥ 90 -Year Old**
Adam Witkowski, Poland

16:22 **Lithoplasty for Aortic Leaflet Restoration in Patients with Aortic Stenosis**
Todd J. Brinton, USA

16:34 **The New Frontier of Planning in Complex Endovascular Aortic Repair: the 3D Printing**
Enrico Maria Marone, Italy

16:46 **Transcatheter Aortic Valve Implantation With the New Balloon-Expandable Sapien 3 Versus Sapien XT Valve System**
Pieter R. Stella, The Netherlands

16:58 **Has PVL Stopped Being a Concern on TAVI? Latest Clinical Data from Lotus™ Valve System**
Adam Witkowski, Poland

17:10 **Current Trendes of TAVI in Russia**
Renat S. Akchurin, Russia

17:22 **Panel Discussion - Adam Witkowski, Poland, T.S. Kler, India**

16:10-17:40 Special Stents and DCB *Hall H*
Chairs: **Bruno Scheller, Germany, William A. Gray, USA, Favio Kusniec, Israel**

16:10 **DCB for Coronary ISR - Impact of Lesion Preparation**
Bruno Scheller, Germany

16:22 **Revolutionize Your Practice - New Data to Shape the Era of Drug Elution in Peripheral Interventions**
William A. Gray, USA

16:34 **Better Vessel Healing with Bioactive Stent than with Second Generation Drug Eluting Stent: Oct Sequential Assesment Studies**
Jacques Berland, France

Scientific Program – Tuesday, December 15, 2015 Cont.

- 16:46 **Chronic Limb Ischemia: Love Your Limbs Program, Stepping into the Emerging Markets**
Xavier E. Pardo, USA
- 16:58 **The Chocolate Balloon**
David Planer, Israel
- 17:10 **The Sirolimus product and clinical plan (DCB session)**
Marie-Claude Morice, France
- 17:22 **DCB for de Novo Lesions - Leaving Nothing Behind**
Bruno Scheller, Germany
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- 16:10-17:40 **Complex Coronary Lesions: What's Right, What's Left?** *Hall I*
The Session is in Memory of Dr. Ehud Grenadier
Sponsored by Medinol
Chairs: **Bradley Strauss, Canada, Huo Yong, China, George Sianos, Greece**
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- 16:10 **Update on the TOSCA-5 Collagenase Trial / CTOs- the EXPLORE Trial**
Bradley Strauss, Canada
- 16:22 **Non-pharmacological Therapies to Prevent Kidney Injury in Patients Undergoing Contrast Exposure**
Eugenia Nikolsky, Israel
- 16:34 **New Strategies for the Treatment of Degenerated SVG's**
T.S. Kler, India
- 16:46 **Recent New Data from European CTO Club**
George Sianos, Greece
- 16:58 **Shockwave Technology for the Treatment of Calcified Lesions**
Todd J. Brinton, USA
- 17:10 **Comparative Analysis of Clinical Results for Dedicated Bifurcation Drug Eluting Stents BiOSS (BiOSS Expert and BiOSS Lim) and Regular DES Based on POLBOS I and II Randomized Studies**
Robert J. Gil, Poland
- 17:22 **Master the Complex: Retrograde Rotablation**
Andras Katona, Hungary
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- 16:10-17:40 **Electrophysiology III: Advances in Catheter Ablation** *Hall J*
Chairs: **Michael Eldar, Yoav Michowitz, Monther Boulos, Israel**
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- 16:10 **Rotor Mapping and Ablation: Successful Approaches and Pitfalls**
Sanjiv Narayan, USA
- 16:22 **New Horizons in 3D Mapping of Cardiac Arrhythmia - Initial Experience with RHYTHMIA System**
Elad Anter, USA

Scientific Program – Tuesday, December 15, 2015 Cont.

- 16:34 **Novel Strategies for Ablation: Autonomics and Electroporation and More**
Samuel J. Asirvatham, USA
- 16:46 **Stem Cell and Gene Therapy Strategies for Cardiac Arrhythmias**
Lior Gepstein, Israel
- 16:58 **VT Ablation: What Do We Have and What Are We Missing**
Eyal Nof, Israel
- 17:10 **Pulmonary Vein Isolation by Implantable Device**
Glenn Van Langenhove, Belgium
- 17:22 **Panel Discussion: Rafael Ruso, Alexander Feldman, David Luria, Israel**