

07:30 - 08:30 **REGISTRATION, COFFEE & EXHIBITION VISIT**

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**08:30 - 10:30 PL1 - THE FIELD OF CARDIOVASCULAR INNOVATIONS-  
OVERVIEW**

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08:30 **Greetings**

08:45 **The Impact of Innovation on Interventional Cardiology**  
Martin B Leon (USA)

09:05 **Medical Device Innovation - A View from Silicon Valley**  
Peter J Fitzgerald (USA)

09:25 **CASE TRANSMISSION I**

10:30 - 11:00 **COFFEE BREAK & EXHIBITION VISIT**

11:00 - 13:00 **PARALLEL SESSIONS S1-S3**

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**11:00 - 13:00 S1 - NEXT GENERATION DES AND BIOACTIVE STENTS**

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11:00 **Assessment of Biodegradable Stents**  
Patrick W Serruys (*The Netherlands*)

11:15 **Preclinical Studies for the Testing of DES**  
Renu Virmani (USA)

11:30 **Multivessel Treatment by DES Vs. CABG**  
Eberhart Grube (*Germany*)

11:45 **Titax Study 12 Mon follow Up**  
Pasi Karjalainen (*Finland*)

12:00 **DES Efficacy - Safety Balance - A View from the Endeavor Program**  
Martin Leon (USA)

12:15 **A Bioabsorbable Drug-eluting Stent: Design Characteristics and First-in-man Results**  
Richard J Rapoza (USA)

12:30 **CASE TRANSMISSION II**

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**11:00 - 13:00 S2 - CELL THERAPY**

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11:00 **Engineering Human Myocardium**  
Wolfram-Hubertus Zimmermann (*Germany*)

11:15 **Myocardial Regeneration Using Human Embryonic Stem Cells**  
Lior Gepstein (*Israel*)

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**11:00 - 13:00 S2 - CELL THERAPY (Cont.)**

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- 11:30 **Novel Angiogenic Peptides: Possible Therapeutic Role to Alleviate Ischemia**  
Alexander Battler (*Israel*)
- 11:45 **Cell Therapy for Engineered Blood Vessels**  
Moshe Flugelman (*Israel*)
- 12:00 **Injectable Biomaterials to Repair the Infarcted Heart**  
Jonathan Leor (*Israel*)
- 12:15 **Resident Cardiac Stem Cells: Fact Or Fiction?**  
Ronen Beeri (*Israel*)
- 12:30 **New EPC Capture Stent Technologies: Is Healing More Important Than Inhibiting**  
Mitchell W Krucoff (*USA*)

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**11:00 - 13:00 S3 - VALVULAR INTERVENTIONS**

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- 11:00 **Update in Transcatheter Aortic Valve Replacement with the Edwards-Sapien Bioprosthesis**  
Alain Cribier (*France*)
- 11:15 **Transcatheter Mitral Valve Cerclage Annuloplasty: A Novel Image-guided Treatment for Mitral Valve Regurgitation**  
Robert Lederman (*USA*)
- 11:30 **Transcatheter Closure of Paravalvular Leaks: Technique, Limitations, New Concepts**  
Horst Sievert (*Germany*)
- 11:45 **Mitral Valve Technologies for Percutaneous Repair of Mitral Regurgitation (Overview of Edwards MONARC)**  
Gregg Stone (*USA*)
- 12:00 **Percutaneous Aortic Valve Replacement [PAVR]: Canadian Single Centre Experience**  
John G Webb (*Canada*)
- 12:15 **Percutaneous Treatment of Mitral Valve Disease**  
Alec Vahanian (*France*)
- 12:30 **Percutaneous Treatment of Aortic+ Mitral Valve Disease The CORE VALVE, SADRA and MITRALIGN Approach**  
Eberhart Grube (*Germany*)
- 12:45 **The Randomized US Trial - Partner**  
Martin B Leon (*USA*)
- 13:00 - 13:30 **BREAK, EXHIBITION VISIT**

13:30 - 15:00 **PARALLEL LUNCHEON SESSIONS LC1-LC3**

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**13:30 - 15:00 LC1 - NEW GENERATION STENT TECHNOLOGIES FOCUSED ON IMPROVING CLINICAL OUTCOMES AND SAFETY**

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*Sponsored by BIOTRONIK*

13:30 **DES Substances - Is There Room for Improvements?**

Renu Virmani (USA)

13:50 **The PRO-Kinetic Stent: Design and Clinical Results of a Passive Coated Cobalt Chromium Stent**

Ran Kornowski (Israel)

14:10 **ProGenic Program Overview and Future Applications: Pimecrolimus Eluting Stent with Bioresorbable Polymer**

William Wijns (Belgium)

14:30 **Absorbable Metal Stent, Clinical Update and DREAMS: Drug Eluting Absorbable Metal Stent, Concept and Pre-clinical Data**

Ron Waksman (USA)

14:50 **DISCUSSION**

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**13:30 - 15:00 LC2 - COMPLEX LESIONS**

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13:30 **Left Main Bifurcation Stenting (Novel Approaches)**

Eberhart Grube (Germany)

13:45 **500 pts with Titan Stent at 12 Month Follow Up in Bern**

Stephan Windecker (Switzerland)

14:00 **Coronary Interventions in Vein Grafts**

Ashok Seth (India)

14:15 **CTO - The Last Frontier**

Haim Danenberg (Israel)

14:30 **Waiting for the New Generation of Bifurcation Stents: Contemporary Treatment of Coronary Bifurcations**

Ioannis Iakovou (Greece)

14:45 **New Technologies in CTO Rx**

Jeffrey Moses (USA)

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**13:30 - 15:00 LC3 - POST PCI CONSIDERATIONS AND MANAGEMENT**

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- 13:30 **Direct Thrombin Inhibitors**  
Gregg Stone (*USA*)
- 13:45 **Plavix following Drug Eluting Stents – Current National and International Recommendations, Open Questions and Challenges**  
Shmuel Fuchs (*Israel*)
- 14:00 **Diabetic Heart Disease**  
Robert Wilensky (*USA*)
- 14:15 **The Approach to the Non-revascularized Patient**  
Amir Lerman (*USA*)
- 14:30 **Pathology of Late Stent Thrombosis in DES**  
Renu Virmani (*USA*)
- 14:45 **Contrast Induced Nephropathy: Up-date**  
Evgenia Nikolsky (*Israel*)

15:00 - 15:30 **BREAK, EXHIBITION VISIT**

15:30 - 17:15 **PARALLEL SESSIONS S4-S6**

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**15:30 - 17:15 S4 - TECHNOLOGY PARADE I - IMAGING AND DIAGNOSTICS**

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**GUEST LECTURES:**

- 15:30 **The Benefits of Teaming Up with Engineering Firms for New Companies or Physicians As They Look to Commercialize Their Ideas**  
Doug Wilkins (*USA*)
- 15:40 **Globalizing Clinical Research: New Frontiers**  
Keyur H Parikh (*India*)
- 15:50 **Technology Parade Lectures Will Be Published Shortly**

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**15:30 - 17:15 S5 - DEVICE BASED HF INTERVENTIONS**

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- 15:30 **Device Based Therapy for HF – An Overview**  
Gad Keren (*Israel*)
- 15:45 **Ventricular Assist Devices - Moving from Bridge to Transplant into Destination Therapy**  
Jacob Lavee (*Israel*)
- 16:00 **Heartmate-II - From Bridge to Transplant to Extended Life Therapy!**  
Jos Nowak (*The Netherlands*)

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**15:30 - 17:15 S5 - DEVICE BASED HF INTERVENTIONS (Cont.)**

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- 16:15 **Cardiac Contractility Modulation: A Novel Electrical Treatment for Heart Failure**  
Daniel Burkhoff (USA)
- 16:30 **Implantable Intracardiac Devices for Hemodynamic Monitoring for the Management of Heart Failure**  
Uri Elkayam (USA)
- 16:45 **Noninvasive Home Monitoring of Pulmonary Artery Pressure by the Remon-CHF Device: First Multicenter Experience**  
Yoseph Rozenman (Israel)
- 17:00 **Pulsatile Mechanical Support: From Infants to Adults**  
Marvin Slepian (USA)

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**15:30 - 17:15 S6 - STRUCTURAL HEART DISEASE**

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- 15:30 **Device Closure of ASD & PFO Using the New Occlutech Devices**  
Ziyad M Hijazi (USA)
- 15:45 **Closing PFO with “No Device Left Behind”: The Sutura Approach**  
Carlos Ruiz (USA)
- 16:00 **Edwards Monarc Coronary Sinus Mitral Valvuloplasty System**  
Gregg Stone (USA)
- 16:15 **The Closure of Large Vascular Connections - Fistulae Leaks and Others**  
Elchanan Bruckheimer (Israel)
- 16:30 **The Carillon Sinuplasty Clinical Experiences**  
Mark Reisman (USA)
- 16:45 **PFO, ASD, VSD Interventions: State of the Art**  
Horst Sievert (Germany)
- 17:00 **Trans Catheter Closure of ASDs and PFOs - The Rambam Experience**  
Avraham Lorber (Israel)

17:15 - 17:30 **COFFEE BREAK & EXHIBITION VISIT**

17:30 - 19:00 **PARALLEL SESSIONS S7-S8**

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**17:30 - 19:00 S7 - TECHNOLOGY PARADE II - DEVICES**

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**GUEST LECTURES:**

17:30 **How to Bridge Clinical, Innovation and Industry to Create Paradigm Changing New Products**

Yuval Binur (*USA*)

17:45 **Bridging the Gap: Israeli Technologies with Silicon Valley Funding**

Eitan Konstantino (*USA*)

18:00 **Technology Parade Lectures Will Be Published Shortly**

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**17:30 - 19:00 S8 - CURRENT PROBLEMS IN DRUG ELUTING STENTS**

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**The Titan Experience in Small Vessels**

Ehud Grenadier (*Israel*)

**DES Efficacy - Safety Balance - The Right to Choose**

Sigmund Silber (*Germany*)

**DES what shall we know in 2007?**

Eduardo Camenzind (*Switzerland*)

19:00 **TECHNOLOGY PARADE COCKTAIL**

08:00 - 10:00 **PARALLEL SESSIONS S9-S11**

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**08:00 - 10:00 S9 - ENDOVASCULAR AND CAROTID INTERVENTIONS**

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- 08:00 **The Role of the Interventional Cardiologist Outside the Coronary Tree**  
Jeff Moses (*USA*)
- 08:15 **The Scaffolding Concept in Carotid Stenting: Cristallo Registry Results**  
Alberto Cremonesi (*Italy*)
- 08:30 **Carotid Stenting – Current State of the Art**  
Victor Guetta (*Israel*)
- 08:45 **Carotid Stenting in High Risk Patients**  
Rafael Beyar (*Israel*)
- 09:00 **Role of the AngioSculpt in the Treatment of PAD: Current Devices and Future Technologies Including a Drug-Coated AngioSculpt**  
Gary Gershony (*USA*)
- 09:15 **Renal Interventions**  
Yaron Almagor (*Israel*)
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**08:00 - 10:00 S10 - ACS/ AMI INTERVENTIONS**

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- 08:00 **Progenitor Cell Therapy in Patients with Acute MI: Current Perspectives and Future Directions**  
Jacob George (*Israel*)
- 08:15 **PCI in Patients with ACS and Congestive Heart Failure**  
Philippe Gabriel Steg (*France*)
- 08:30 **Current Concepts of Antithrombotic and Anticoagulant Therapy in the Cath Lab**  
David Hasdai (*Israel*)
- 08:45 **The Role of Protective, Aspiration or Thrombectomy Devices in Primary PCI**  
Victor Guetta (*Israel*)
- 09:00 **Telemedicine for Cardiac Patients: An Update**  
Arie Roth  
*Israel, Israel*
- 09:15 **Stent Thrombosis: A Real But Overestimated Problem**  
Ioannis Iakovou (*Greece*)
- 09:30 **Stenting in Warfarin Treated Patients**  
Doron Zahger (*Israel*)
- 09:45 **TBD**  
Antoine LaFont (*France*)
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**08:00 - 10:00 S11 - IMAGING AND VULNURABLE PLAQUE**

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- 08:00 **X-ray Fused with MRI (XFM) to Guide Cardiovascular Interventions**  
Robert Lederman (*USA*)
- 08:15 **Magnetic Navigation**  
Patrick W Serruys (*USA*)
- 08:30 **Use of CT to Assess Myocardial Perfusion and Viability**  
Jonathan Lessick (*Israel*)
- 08:45 **OCT Imaging for the Vulnerable Plaque**  
Ron Waksman (*USA*)
- 09:00 **Real Time Integration of Cardiac CT in the Cathlab - Visualizing the Invisible**  
Ariel Roguin (*Israel*)
- 09:15 **Virtual Histology – What Do We Know, When to Be Used, Where Are We Heading?**  
Shmuel Fuchs (*Israel*)
- 09:30 **Integrating Multislice CT into Clinical and Interventional Practice**  
Basil S Lewis (*Israel*)
- 09:45 **VH Based Biomechanical Imaging for Detection of Plaque Stability**  
Ran Kornowski (*Israel*)

10:00 - 10:30 **COFFEE BREAK & EXHIBITION VISIT**

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**10:30 - 12:30 PL2 - ACADEMIA-INDUSTRY ROLE IN INNOVATIONS**

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- 10:30 **Innovation and Medicine for Peace**  
Shimon Peres (*President of Israel*)
- GUEST OF HONOR**
- 11:00 **Global Approaches to Device Innovation**  
Campbell Rogers (*USA*)
- 11:30 **GOLD SPONSORS - AWARD CEREMONY**
- 11:40 **CASE TRANSMISSION - INDIA / ISRAEL**
- 12:30 - 13:00 **BREAK, EXHIBITION VISIT**

13:00 - 14:30 **PARALLEL LUNCHEON SESSIONS LC4-LC6**

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**13:00 - 14:30 LC4 - ACCESSORY INTERVENTIONAL DEVICES AND COMPLEX LESIONS**

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- 13:00 **New Atherectomy Devices for Peripheral Interventions**  
Horst Sievert (*Germany*)
- 13:15 **New Femoral Artery Closure Devices**  
Mark Reisman (*USA*)
- 13:30 **Embolic Protection Devices- The Devil is in the Details**  
Uri Rosenschein (*Israel*)
- 13:45 **Contrast Induced Nephropathy (CIN) - New Approaches to a Major Problem**  
Giora Weisz (*USA*)
- 14:00 **Transradial Angiography and PCI. Single Center Experience**  
Christos P Christou (*Cyprus*)
- 14:15 **DISCUSSION**

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**13:00 - 14:30 LC5 - VALVULAR INNOVATIONS - FUTURE DIRECTIONS**

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- 13:00 **Who Are the Potential Candidates for Aortic Valve Implantation?**  
Alec Vahanian (*France*)
- 13:20 **New Technologies in Percutaneous Valve Interventions**  
Carlos Ruiz (*USA*)
- 13:40 **Percutaneous Pulmonary Valve Implantation Using the Edwards Sapien THV**  
Ziyad M Hijazi (*USA*)
- 14:00 **PANEL DISCUSSION**

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**13:00 - 14:30 LC6 - THE HYBRID ROOM ENVIRONMENT, WHAT ARE THE OPTIONS**

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**Potential Procedures in the Present and in the Future**  
Ehud Raanani (*Israel*)

**CASE PRESENTATIONS AND DISCUSSIONS**

**Hybrid Valve and CABG/PCI**  
Alec Vahanian (*France*)

**The Valve in Valve Concept**  
John Webb (*Canada*)

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**13:00 - 14:30 LC6 - THE HYBRID ROOM ENVIRONMENT, WHAT ARE THE OPTIONS (Cont.)**

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**The "Valve in Valve" Concept**

Sam Lichtenstein (*Canada*)

**Hybrid Coronary Revascularization**

Antonio Bartorelli (*Italy*)

**Hybrid Therapy for Atrial Fibrillation**

Gil Bolotin (*Israel*)

14:30 - 15:00 **BREAK, EXHIBITION VISIT**

15:00 - 17:15 **PARALLEL SESSIONS S12-S14**

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**15:00 - 17:00 S12 - TECHNOLOGY PARADE III**

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**GUEST LECTURE:**

15:00 **Clinical Strategy: A Multivariate Approach to Product Approval**

Mordecai Kramer (*USA*)

15:20 **Technology Parade Lectures Will Be Published Shortly**

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**15:00 - 17:00 S13 - CRF SESSION: FROM CONCEPT TO FIM TO CLINICAL APPLICATIONS**

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15:00 **Defining Unmet Clinical Needs: The Foundation of Medical Technology Development**

Martin B Leon (*USA*)

15:15 **Cultivating a "Start-Up" Mentality: Formalizing the Concept, IP Tips and Tricks, Financing Alternatives and Creating the "Team"**

Peter J Fitzgerald (*USA*)

15:30 **The Essential Roles of Biomedical Engineering, Device Prototyping, Quality Assurance and Manufacturing**

Kobi Richter (*Israel*)

15:45 **Experimental Laboratory Medicine Helps to Orchestrate the Device Development Process**

Elazar Edelman (*USA*)

16:00 **Complexities and Challenges of Clinical Research in the Modern Era: Logistics, Expense and Accountability**

Giora Weisz (*USA*)

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**15:00 - 17:00 S13 - CRF SESSION: FROM CONCEPT TO FIM TO CLINICAL APPLICATIONS (Cont.)**

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16:15 **Understanding the FDA Regulatory Process: Protecting Patient Safety or Too Burdensome?**

Andrew Farb (USA)

16:30 **Integrating New Cardiovascular Technologies into Clinical Practice: Success Formulas – Ease-of-use Issues, Clinical Value and Cost-effectiveness**

Jeffrey Moses (USA)

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**15:00 - 17:00 S14 - VULNERABLE PLAQUE**

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15:00 **Vulnerable Plaque: What Have We Learnt**

Renu Virmani (USA)

15:15 **Imaging of the Vulnerable Plaque**

Amir Lerman (USA)

15:30 **Cardiac Transport and Vulnerable Plaque Formation**

Shmuel Einav (Israel)

15:45 **Polymer Paving: Its time is Now**

Marvin Slepian (USA)

16:00 **Prophylactic Evaluation of Vulnerable Plaque**

Robert Wilensky (USA)

16:15 **A New Approach for Treating Vulnerable Plaque: Implantation of a New DES Targeting Plaque Neovascularisation**

Christodoulos Stefanidis (Greece)

16:30 **Invasive Imaging Modalities for Vulnerable Plaque**

Gregg Stone (USA)