THE 65TH ANNUAL CONFERENCE OF THE ISRAEL HEART SOCIETY
IN ASSOCIATION WITH THE ISRAEL SOCIETY OF CARDIOThorACIC SURGERY

Under The Auspices Of The ISRAEL CARDIOLOGY ASSOCIATION

David Inter-Continental Hotel, Tel Aviv, Israel
April 24-25, 2018

SCIENTIFIC PROGRAM

Paragon Israel (Dan Knassim)
Tel/Fax: 03-5767705/37, secretariat@israelheart.com
TUESDAY, APRIL 24, 2018

07:00 Registration

06:45-07:45 Cardiothoracic Surgery Workshop

06:45-07:45 CT residents breakfast with Dr Gillinov

08:00-10:00 S1 - Interventional Cardiology: Coronary Interventions

08:00 Temporal Trends in the Use of the Radial Approach in a Large Tertiary Center - More is Better
Tamir Bental1,2, Gavriel Greenberg1,2, Hannah Vaknin-Assa1,2, Abid Assali1,2, Ran Kornowski1,2
1Department of Cardiology, Rabin Medical Center, Israel
2Sackler School of Medicine, Tel-Aviv University, Israel

08:10 Comparison of the Efficacy and Safety of Orbital and Rotational Atherectomy in Calcified Narrowings in Patients Undergoing Percutaneous Coronary Intervention
Hector Garcia-Garcia1, Edward Koifman1,2, Kayode Kuku1, Alex Kajita1, Kyle Buchanan1, Arie Steinvil1, Toby Rogers1, Nelson Bernardo1, Robert Lager1, Robert Gallino1, Itsik Ben-Dor1, Augusto Pichard1, Rebecca Torguson1, Jiaxiang Gai1, Lowell Satler1, Ron Waksman1
1Cardiology, MedStar Washington Hospital Center, Georgetown University, DC, USA
2Cardiology, Soroka Medical Center, Ben-Gurion University of The Negev, Israel

08:20 Temporal Trends in Percutaneous Coronary Interventions - Is There a Difference Between Genders?
Yeela Talmor-Barkan1,2, Tamir Bental1,2, Abid Assali1,2, Hana Vaknin-Assa1,2, Gabriel Greenberg1,2, Alon Eisen1,2, Abed Samara1,2, Pablo Codner1,2, Leor Perl1,2, Guy Witberg1,2, Avital Porter1,2, Ran Kornowski1,2
1Department of Cardiology, Rabin Medical Center, Israel
2Sackler School of Medicine, Tel-Aviv University, Israel

08:30 Outcome and Safety of Concurrent Coronary and Peripheral Catheterization (REV-PERICAD Study)
Ofir Koren1,3, Rasha Abu Rajab Saaida2, Ehud Rozner1, Menachem Nahir1, Alexander Feldman1, Limor Ilan Bushari1, Yoav Turgeman1,3
1Heart Institute, Emek Medical Center, Israel
2Internal Medicine B, Emek Medical Center, Israel
3Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel
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08:40  Long Term Follow-up of Patients with Coronary Artery Ectasia
Dan Haberman, Tomer Perry, Gal Sela, Gera Gandelman, Igor Volodarsky,
Michael Jonas, Jacob Gerge, lion Poles
Department of Cardiology, Kaplan Medical Center, Israel

08:50  The Clinical and Prognostic Significance of Diabetic Nephropathy in Diabetic Patients Undergoing Coronary Angiography
Nicholay Teodorovich¹, Michael Sraia Swissa², Yonatan Kogan¹,
Gera Gandelman¹, Michael Jonas¹, Jacob George¹, Moshe Swissa¹
¹Cardiology, Kaplan Medical Center, Israel
²School of Medicine, Bar Ilan University, Israel

09:00  Bifurcation Lesions in ST-Segment Elevation Myocardial Infarction (STEMI): The Double Stent Technique: Is it Still a Risk Factor for Stent Thrombosis (ST)?
Gabriel Greenberg¹, Ran Kornowski¹, Hana Vaknin Assa¹, Tamir Bental¹, Eli Lev²,
Abid Samara¹, Lior Perl¹, Pablo Codner¹, Abid Assali¹
¹Cardiology, Rabin Medical Center, Israel
²Cardiology, Assuta, Israel

09:10  Primary Coronary Intervention in Octogenarians with ST-Segment Elevation Myocardial Infarction
Leor Perl, Ran Kornowski, Hana Vaknin-Assa, Gabriel Greenberg, Abed Samara,
Pablo Codner, Guy Witberg, Avital Porter, Abid Assali
Cardiology, Rabin Medical Center, Israel

09:20  Evaluation of the LUCAS™ Chest Compression System for Automatic Mechanical Compression and Decompression Resuscitation in the Catheterization Laboratory – Report of a Ten Years’ Experience
Anees Musallam
Cardiology, Rambam Health Care Campus, Israel

09:30  Long-Term Outcomes of Staged Non-Culprit Lesions Percutaneous Coronary Intervention for Multivessel Disease in Patients Presenting with ST-segment Elevation Myocardial Infarction
Tatyana Levinas, Irena Nordkin, Valentin Belinson, Inna Rosenfeld, Majdi Halabi
Cardiology, Ziv Medical Center, Israel

09:40  Developing Primary Percutaneous Coronary Intervention- In Region In Need and Capable Hospital
Dahud Qarawani, Hellou Elias, Akram Abu Aful, Mohamed Umary
Cardiovascular Department Nazareth, Bar Ilan University, Galilee ALILLE, Israel
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09:50  Initial Use of the Impella Heart Pump in Israel: Single Center Experience for Safety and 30-Day Outcome
Meir Tabi, Yaron Almagor, Jonathan Balkin, Rami Jubeh, David Rosenmann, Rivka Farkash, Ofra Tzuntz, Rafael Wolff
Cardiology, Shaare Zedek Medical Center, Israel

08:00-10:00  S2 - Heart Failure: Advanced Therapy and Prognosis
Chairs: Tal Hasin, Israel Gotsman, Israel
HEB Hall B - Petah Tikva

08:00  Adherence to Self-Care Behaviors after Left Ventricular Assist Device Implantation
Benjamin Ben Avraham¹, Naoko P Kato², Tiny Jaarsma², Victoria Yaari¹, Miriam Abu-Hazeira¹, Dmitry Golobov¹, Anna Strömberg², Tuvia Ben Gal¹
¹Heart Failure Unit, Cardiology Department, “Rabin” Medical Center, Sackler School of Medicine, Tel Aviv University, Israel
²Department of Social and Welfare Studies, Faculty of Health Sciences, Linköping University, Linköping, Sweden

08:10  Fully Magnetically Levitated Centrifugal Flow HeartMate 3 Left Ventricular Assist Device – Improved Performance Compared to Previous Axial Flow Device
Eyal Nachum¹, Avishay Grupper², Yigal Kassif¹, Yedida Shemesh¹, Alex Kogan¹, Leonid Sternik¹, Alex Lippey¹, Sergey Preisman², Dov Freimark², Jacob Lavee¹
¹Heart Transplantation Unit, Department of Cardiac Surgery, Leviev Heart Center, Chaim Sheba Medical Center, Tel-Hashomer, Affiliated to the Sackler School of Medicine, Tel Aviv University, Israel
²Department of Cardiology, Leviev Heart Center, Chaim Sheba Medical Center, Tel-Hashomer, Affiliated to the Sackler School of Medicine, Tel Aviv University, Israel
³Department of Anesthesiology, Chaim Sheba Medical Center, Tel-Hashomer, Affiliated to the Sackler School of Medicine, Tel Aviv University, Israel

08:20  Octreotide for the Management of Gastrointestinal Bleeding in Patients with Continuous-Flow Left Ventricular Assist Device
Avishay Grupper, Eyal Ran Nachum, Yigal Kassif, Yedida Shemesh, Alex Kogan, Dov Freimark, Jacob Lavee
Leviev Heart Center, Sheba Medical Center, Israel
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08:30  Ethnic Disparity in Israel Impacts Long-Term Results After Heart Transplantation
Yael Peled, Ron Loewenthal, Younis Arwas, Itaui Gueta, Yigal Kassif,
Yedael Har-Zahav, Eyal Nachum, Dov Freimark, Ilan Goldenberg,
Jacob Lavee Olga and Lev Leviev Heart Center, Sheba Medical Center, Ramat
Gan,Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

08:40  Long-Term Use of Intravenous Inotropes in Ambulatory Heart Failure Patients – A Contemporary Study in 3,278 Patients
Ofer Havakuk1,2, Jeffery Tran2, Luanda Grazette2
1Cardiology, Tel Aviv Medical Center, Israel
2Cardiology, Keck School of Medicine, California, USA

08:50  The Risk of Ischemic Stroke Following Hospitalization for Acute Heart Failure Among Patients with Atrial Fibrillation
Anat Berkovitch, Israel Mazin, Arwa Younis, Eyal Nof, Robert Klempfner,
Ella Shaviv, Nir Shlomo, Ilan Goldenberg, Roy Beinart
Leviev Heart Center, Sheba Medical Center, Israel

09:00  Management in a Dedicated Heart Failure Clinic Is Associated With Improved Over-All Survival
Daniel Murninkas1, David Hasdaï2, Henry Jino1, Esther Yuhananov1,
Shlomo Birkenfeld1, Zaza Iakobishvili1
1Tel-Aviv-Jaffa District, Clalit Health Services, Israel
2Department of Cardiology, Robin Medical Center, Petah-Tikva, Israel

09:10  Improved Survival of Patients Hospitalized with Decompensated Heart Failure
Tal Hasin1, Tatyana Weitsman1, Chen Harush1, Rivka Farkash1, Yariv Gerber2,
Marc Klutstein1, Michael Glikson1
1Integrated Heart Center, Shaare Zedek Medical Center, Israel
2Department of Epidemiology and Preventive Medicine, School of Public Health,
Sackler Faculty of Medicine, Tel Aviv University, Israel

09:20  Characteristics and Long-Term Outcomes of Patients with Reduced, Mid-
Range, and Preserved Ejection Fraction Following Hospitalization for
Acute Heart Failure in a Contemporary Real World Setting
Israel Mazin1, Dov Friemar1, Michael Arad1, Yael Peled1, Avishay Gruper1,
Nir Shlomo2, Robert Klempfner2, Rafael Kuperstein3, Ilan Goldenberg2
1Heart Failure Clinic, Sheba Medical Center, Israel
2Cardiology Department, Sheba Medical Center, Israel
3Non Invasive Cardiology Unit, Sheba Medical Center, Israel
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09:30  Norton Admission Scale as a Prognostic Factor Among Acute Heart Failure Patients
Sharon Shalom Natanzon, Robert Klempfner, Ilan Goldenberg, Ella Shaviv, Yael Peled, Eias Massalha, Nir Shlomo, Israel Mazin
Cardiology, Leviev Heart Center, Sheba Medical Center, Israel

09:40  Low Serum Albumin: An Important Predictor of Increased Mortality and Cardiac Related Hospitalizations in Patients with Heart Failure
Israel Gotsman¹,², Ayelet Shauer¹, Donna R. Zwas¹,², Chaim Lotan¹, Andre Keren¹,²
¹Heart Institute, Hadassah University Hospital, Israel
²Heart Failure Center, Clalit Health Services, Israel

09:50  New-Onset (De-Novo) Acute Heart Failure Versus Acute Decompensated Chronic Heart Failure: Differences in Early Intermediate and Long-Term Mortality
Anan Younis, Robert Klempfner, Ronen Goldkorn, Yael Peled, Michael Arad, Dov Freimark, Ilan Goldenberg
Cardiology, The Leviev Heart Center, Sheba Medical Center, Tel Hashomer and Sakler School of Medicine, Tel Aviv University, Israel

08:00-10:00  S3 - Intervention in Arrhythmia Management
Chairs: Michael Glikson, Raphael Rosso, Israel

08:00  Extracorporeal Membrane Oxygenation (ECMO) for Hemodynamic Support during Ventricular Tachycardia Ablation: Sheba Medical Center Experience
Alexander Kogan, Elchanan Zuroff¹, Eyal Nof², Yigal Kassif¹, Roy Beinert², Yaron Schwartz¹, Jacob Lavee¹, Ehud Raanani¹
¹Cardiac Surgery, Sheba Medical Center, Israel
²Institute of Cardiology, Sheba Medical Center, Israel

08:10  Management of Recurrence of Ventricular Tachycardia after Ventricular Tachycardia Ablation
Moshe Katz¹, Roy Beinart¹, Ibrahim Mari¹,², Michael Glikson², Eyal Nof¹
¹Cardiology, Sheba Medical Center, Israel
²Cardiology, Shaare Zedek, Israel
³Cardiology, Poriya Medical Center, Israel
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08:20  Catheter Ablation of Left-Sided Accessory Pathways in Small Children  
Rami Fogelman¹, Einat Birk¹, Tamir Dagan¹, Michal Fogelman¹, Tom Einbinder¹,  
Elchanan Bruckheimer¹, Moshe Swissa²  
¹Cardiology Institute, The Schneider Children's Medical Center of Israel, Sackler  
School of Medicine, Tel Aviv University, Israel  
²Cardiology Institute, Kaplan Medical Center, Rehovot. The Hebrew University,  
Jerusalem, Israel

08:30  The Utility of Ventricular Catheter Ablation in a Large Israeli Tertiary  
Center  
Moshe Katz¹, Roy Beinart¹, Ibrahim Mari¹, Michael Glikson², Eyal Nof¹  
¹Cardiology, Sheba Medical Center, Please Select, Israel  
²Cardiology, Shaare Zedek, Israel

08:40  Real-World Clinical Outcomes after Left Atrial Appendage Closure in  
Patients with AF: Insights from the Israeli LAAC Registry  
Ehud Chorin¹, Amir Halkin¹, Ilan Goldenberg⁴, Michael Glikson⁵, David Luria⁶,  
Alexander Feldman², Abid Assali², Sami Viskin¹, Raphael Rosso¹  
¹Cardiology, Tel Aviv Medical Center, Israel  
²Cardiology, Rabin Medical Center  
³Cardiology, Ha'Emek Medical Center  
⁴Cardiology, Chaim Sheba Hospital, (Tel Hashomer)  
⁵Cardiology, Shaare Zedek Medical Center  
⁶Cardiology, Hadassah Medical Center

08:50  Surgical AF Ablation  
Marc Gillinov  
Cleveland Clinic, Cleveland, OH, USA

09:20  CT Pulmonary Parenchymal Changes Combined with Vascular Findings -  
A Highly Suggestive Complex for the Elusive Diagnosis of Post Ablation  
Pulmonary Vein Stenosis  
Orly Goitein¹, Sivan Lieberman¹, Roy Beinart², Edith Marom¹,  
Simona Ben-Haim³, Elio Di Segni¹, Eli Konen¹, Tima Davidson³  
¹Diagnostic Radiology, Chaim Sheba Medical Center, Israel  
²Heart Institute, Chaim Sheba Medical Center, Israel  
³Nuclear Medicine, Chaim Sheba Medical Center, Israel

09:30  Sinus Rhythm during Cryoballoon Atrial Fibrillation Ablation  
Independently Predicts Improved Clinical Outcomes  
Nicholay Teodorovich, Yonatan Kogan, Guy Shmuel Haber, Gera Gandelman,  
Jacob George, Moshe Swissa  
Cardiology, Kaplan Medical Center, Israel, Israel
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09:40 Prognostic Significance of Short Episodes of Atrial Tachycardia on the Success Rate of Atrial Fibrillation Ablation in Patients with Paroxysmal and Persistent AF
Gilad Margolis, Ehud Chorin, Lorin Schwartz, Sami Viskin, Raphael Rosso
Cardiology Department, Tel Aviv Sourasky Medical Center, Israel

08:00-10:00 S4 - Imaging Valvular Heart Disease
Chairs: Noah Liel, Yaron Shapira, Israel

08:00 Right Ventricle Remodeling Patterns in Severe Tricuspid Regurgitation - Insight from a Longitudinal Study
Oran Tzuman1, Gil Marcus1, Itzhak Vitkon-Barkay1, Dov Wexler2, Simon Biner2, Gadi Keren2, Zvi Vered1, Sa’ar Minha1, Yan Topilsy2
1Cardiology Division, Assuta Ashdod University Hospital, Israel
2Division of Cardiovascular Diseases and Internal Medicine, Tel Aviv Medical Center, Israel

08:10 Long-Term Tricuspid Regurgitation Progression in Patients Undergoing Combined Mitral Valve Replacement Surgery and Tricuspid Valve Repair
Osnat Itzhaki Ben Zadok1,2, Ram Sharony1,2, Mordehay Vaturi1,2, Yaron Shapira1,2, Tamir Bental1,2, Israel Kuznitz1,2, Shmuel Schwartzzenberg1,2, Alik Sagie1,2
1Cardiology Department, Rabin Medical Center, Israel
2Sackler Faculty of Medicine, Technion - Israel Institute of Technology, Israel

08:20 Frequency and Characteristics of Patients with Severe Lead-Associated Tricuspid Regurgitation: Is the Device Lead the Only Mechanism of Tricuspid Regurgitation?
Ady Orbach1, Diab Mutlak1,2, Jonathan Lessick1,2, Izhak Kehat1,2, Doron Aronson1,2, Yaron Hellman1, Yoram Agmon1,2
1Cardiology, Rambam Medical Center, Israel
2Faculty of Medicine, Technion - Israel Institute of Technology, Israel

08:30 Risk Factors for Tricuspid Regurgitation in Patients with Implanted Device Leads
Ady Orbach1, Diab Mutlak1,2, Jonathan Lessick1,2, Izhak Kehat1,2, Doron Aronson1,2, Yaron Hellman1, Yoram Agmon1,2
1Cardiology, Rambam Medical Center, Israel
2Faculty of Medicine, Technion - Israel Institute of Technology, Israel
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08:40 Diastolic Myocardial Mechanics in Patients with Atrial Fibrillation and Heart Failure with Preserved Ejection Fraction
Assaf Ben Arzi1,2, Yevgeni Hazanov1,2, Guy Rozen1,2, Ibrahim Marai1,2, Offer Amir1,2, Shemy Carasso1,2
1Cardiovascular Institute, B Padeh Medical Center, Israel
2Azrieli Faculty of Medicine in the Galilee, Bar Ilan University, Israel

08:50 Clinical Outcome of Patients with Low-Flow Low-Gradient Severe Aortic Stenosis According to Assigned Treatment Modality
Adi Butnaru1,2, Shalom Silberman1,2, David Rosenmann1,2, Rivka Farkash1,2, Marc Klutstein1,2, Yaron Almagor1,2, Rafael Wolff1,2, Jonathan Balkin1,2, Rami Jubeh1,2, Mady Moriel1,2, Tal Hasin1,2, Michael Glikson1,2, Shmuel Gottlieb1,2
1Cardiology Department, Shaare Zedek Medical Center, Israel
2Cardiology Department, Shaare Zedek Medical Center, Israel

09:00 Importance of Discordant Echocardiographic Parameters of Lesion Severity in Patients with Symptomatic Aortic Stenosis
Rafael Kuperstein, Michael Michlin, Israel Mazin, Israel Barbash, Victor Guetta, Paul Fefer, Amit Segev, Michael Arad, Micha Feinberg, Ehud Schwammenthal
Leviev Heart Center, Sheba Medical Center, Tel Aviv University, Israel

09:10 Long-Term Performance of Bicuspid and Quadricuspid Aortic Valves: Similarities and Differences
Dawod Sharif1,2, Mustafa Ganaim1, Elias Azzam1, Yasmine Sharif2, Amal Sharif-Rasslan3, Uri Rosenschein1
1Cardiology, Bnai Zion Medical Center, Israel
2Faculty of Medicine, Technion, Israel
3Science and Technology, Technion, Israel

09:20 Differences between Mitral Annular Calcification with and Without Caseation
Dawod Sharif1, Elias Azzam1, Mustafa Ganaim1, Yasmine Sharif2, Amal Sharif-Rasslan3, Uri Rosenschein1
1Cardiology, Bnai Zion Medical Center, Israel
2Faculty of Medicine, Technion, Israel
3Science and Technology, Technion, Israel

09:30 Pulmonary Artery Pressure Before and After Mitraclip
Ivaylo Tonchev, Anna Turyan Medvedovsky, Ilgar Tahiroglu, Chaim Lotan, Dan Gilon, David Planer, Haim Danenberg, Ronen Beeri, Mony Shuvy
The Heart Institute, Cardiology, Hadassah Medical Center, Ein Kerem, Israel
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**09:40** 3D Imaging The Tricuspid Valve
Yoram Agmon
*Department of Cardiology, Rambam Health Care, Israel*
*Faculty of Medicine, Technion - Israel Institute of Technology, Israel*

**08:00-10:00** S5 - Kellerman Award Competition
Chair: Eli Lev, Israel
Judges: Alexander Battler, Ronen Durst, Gad Keren
Shlomi Matetzky, Ariel Regin, Israel

**08:00** Extracellular Regulated Kinases Protects Against Maladaptive Cardiac Hypertrophy Following Chronic Pressure Overload
Michael Mutlak, Izhak Kehat
1Department of Physiology, The Rappaport Institute and the Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Israel
2Department of Cardiology and the Clinical Research Institute at Rambam, Rambam Medical Center, Israel

**08:20** Overexpression of the Longevity Gene SIRT6 in Myeloid Cells Reduced Left Ventricular Hypertrophy after Myocardial Infarction
La-Paz Levin, Uri Amit, Tammy Ben-Mordechaï, Dahlia Palevski, Nili Naftali-Shani, Daria Lendengolts, Natalie Landal, Haim Cohen, Jonathan Leor
1Tamman and Neufeld Cardiovascular Research Institute, Sheba Medical Center and Tel-Aviv University, Israel
2Sheba Regenerative Medicine, Sheba Medical Center, Israel
3Mina & Everard Goodman Faculty of Life Sciences, Bar Ilan University, Israel

**08:40** Induced Pluripotent Stem Cell-derived Cardiomyocytes Uncover High Levels of the Transcriptional Factor STAT3 in Peripartum Cardiomyopathy
Nili Naftali-Shani, Natali Molotski, Yael Nevo-Caspi, Michael Arad, Rafael Kuperstein, Uri Amit, Irit Huber, Li-At Zeltzer, Haya Abbas, Gidi Paret, Jonathan Leor
1Tamman and Neufeld Cardiovascular Research Institute, Sheba Medical Center, Israel
2Sheba Regenerative Medicine, Stem Cell and Tissue Engineering Center, Sheba Medical Center, Israel
3Department of Pediatric Critical Care Medicine, Safra Children's Hospital, Sheba Medical Center, Israel
4Department of Cardiology, Leviev Heart Center, Sheba Medical Center, Israel
5The Sohnis Family Laboratory for Cardiac Electrophysiology and Regenerative Medicine, Rappaport Faculty of Medicine and Research Institute, Israel
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09:00  Torsade De Pointes in a Dish
Assad Shiti, Naim Shaheen, Irit Huber, Gil Arbil, Amira Gepstein, Lior Gepstein
Physiology, Rappaport Faculty of Medicine and Research Institute, Technion-Israel Institute of Technology, Israel

09:20  Echocardiographic Killip Classification
Assi Milwidksy¹, Dahlia Greidinger², Yan Topilsky¹
¹Department of Cardiology, Tel-Aviv Sourasky Medical Center affiliated to Sackler Faculty of Medicine, Tel-Aviv University, Israel
²Sackler faculty of Medicine, Tel-Aviv University, Israel

09:40  Modeling Glycogen Storage Diseases with Human Induced Pluripotent Stem Cells
Inbar Budnatzky¹, Oren Feldman¹², Irit Huber¹, Idit Goldfracht¹, Leonid Maizels¹, Amira Gepstein¹, Gil Arbel¹, Hanna Mandel³, Lior Gepstein¹⁴
¹Rappaport Faculty of Medicine and Research Institute, Technion- Israel Institute of Technology, Israel
²Pediatrics, Rambam Medical Center
³Metabolic-Unit, Rambam Medical Center
⁴Cardiology, Rambam Medical Center

08:00-10:00  S6 - Ami Cohen Award Competition & ISCTS
Chairs: Dan Aravot, Daniel Bitran, Gideon Sahar, Israel

08:00  Early and Late Results of LAD Territory Revascularization with Right Internal Mammary T-graft The `Reverse-Composite` Configuration
Yael Ag-Rejuan, Dmitry Pevni, Nahum Nesher, Amir Kramer, Yosef Paz, Rephael Mohr, Dorel Malamud, Yanai Ben-Gal
Department of Cardiac and Thoracic Surgery, Sourasky Medical Center, Israel

08:10  Sildenafil for the Treatment of Pulmonary Hypertension in the Early Postoperative Period after Mitral Valve Surgery
Eilon Ram¹, Leonid Sternik¹, Eyal Nachum¹, Robert Klempfner², Dina Kogan¹, Michael Eldar², Ilan Goldenberg², Ehud Raanani¹, Alexander Kogan¹
¹Department of Cardiac Surgery, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel
²Department of Cardiology, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel
08:20  Real-Life Outcomes of Diabetic Patients Undergoing Surgical or Percutaneous Revascularization for Multi-Vessel Coronary Artery Disease  
Eilon Ram¹, Ilan Goldenberg², Yigal Kassif¹, Amit Segev², Jacob Lavee¹, 
Nir Shlomo², Ehud Raanani¹  
¹Department of Cardiac Surgery, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel  
²Department of Cardiology, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel

08:30  New Therapies to Support the Failing Heart  
Maged Makhoul¹, Sandro Gelsomino², Daniel Johnson², Roberto Lorusso², 
Gil Bolotin¹  
¹Department of Cardiac Surgery, Rambam Medical, Israel  
²Department of Cardio-Thoracic Surgery, Maastricht, The Netherlands

08:40  Trends in Isolated Coronary Artery Bypass Grafting: A Single Center Study  
Sergei Amunts, Eyal Ran Nachum, Yigal Kassif, Erez Kachel, Ami Shinfeld, 
Alexander Lipey, Boris Orlov, Ehud Raanani, Jacob Lavee  
Department of Cardiac Surgery, Leviev Heart Center, Chaim Sheba Medical Center, Tel-Hashomer, Affiliated to the Sackler School of Medicine, Tel Aviv University, Israel

08:50  The Use of Extra Corporeal Membrane Oxygenator (ECMO) is becoming a Routine Working Tool in Emergency Cardiac or Respiratory Failure  
Elchanan Zuroff, Slava Gezuntermann, Alexander Kogan, Eyal Ran Nachum, 
Leonid Sternik, Ehud Raanani, Jacob Lavee, Yigal Kassif  
Cardiac Surgery, Sheba Medical Center, Israel

09:00  Femoral Versus Axillary Cannulation in Acute Type - A Dissection Repair Surgery  
Eilon Ram, Alexander Lipey, Leonid Sternik, Ami Shinfeld, Boris Orlov, 
Alexander Kogan, Ehud Raanani  
Department of Cardiac Surgery, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel

09:10  The Frozen Elephant Trunk Technique for Aortic Arch and Proximal Descending Aorta Replacement  
David Volvovitch, Alexander Lipey, Amihay Shinfeld, Ehud Raanani  
Cardio Surgery, Sheba Medical Center, Tel-Hashomer, Israel
09:20  Ability of Short-Term Risk Mortality Scores to Predict Long-Term Survival in Patients Undergoing Cardiac Surgery
Eyal Ben-David¹, Ori Blumenfeld³, Ayelet Shapira-Daniels², Arturo Carranza Hernandez², Amit Korach², Ehud Rudis², Uzi Izhar², Oz M. Shapira²
¹Medical School, St George's Hospital, UK
²Cardiothoracic Surgery, Hadassah Hebrew University Medical Centre, Israel
³Centre For Disease Control, Israeli Ministry of Health, Israel

09:30  Does Donor’s Brain Injury Duration Have an Impact on Heart Transplantation Outcomes?
Eyal Nachum, Yigal Kassif, Alexander Kogan, Yedael Har-Zahav, Dov Freimark, Jacob Lavee, Yael Peled
Heart Transplantation Unit, Heart Transplantation Unit, Sheba Medical Center, Tel-Hashomer & Sackler School of Medicine, Tel Aviv University, Israel

09:40  Preoperative Sodium Predicts Outcomes in Patients with Chronic Kidney Disease undergoing Cardiac Surgery
Shuli Silberman¹, Ofer Merin¹, Tal Grenader³, Chani Waldenberg¹, Daniel Bitran¹, Daniel Fink¹, Linda Shavit²
¹Cardiothoracic surgery, Shaare Zedek Medical Center, Israel
²Nephrology, Shaare Zedek Medical Center, Israel
³Oncology, Shaare Zedek Medical Center, Israel

09:50  Minimally Invasive Aortic Valve Replacement (Mini-AVR) is Peripheral Cannulation Mandatory?
Shlomo Yaron Ishay, Oren Lev - Ran, Menachem Matsa, Mahmud Abu Salah, Leonid Ruderman, Dan Abrhamov, Gideon Sahar
Cardiothoracic Surgery Department, Soroka Medical Univestity Center, Beer Sheva, Israel

08:00-10:00  S7 - Congenital Heart Disease in Pediatrics and Adults
Chairs: Livia Kapusta, Efrat Mazor-Dray, Israel

08:00  Reduced Coronary Blood Flow in Adolescents with Anorexia Nervosa
Liat Gelernter Yaniy¹,³, Jenny Garkabi¹, Dawod Sharif²,³, Yasmin Sharif⁴, Kamilia Shahala, Nogah Kerem
¹Pediatrics, Bnai Zion Medical Center, Israel
²Cardiology, Bnai Zion Medical Center, Israel
³The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Israel Institute of Technology, Israel
⁴Cardiology, Bnai Zion Medical Center, Israel
08:10  Initial Clinical Results with the New BeGraft Aortic Covered Stent in Native Coarctation of the Aorta, Restenoses and Aneurysms
Elchanan Bruckheimer, Tamir Dagan, Gabriel Amir, Roee Arnon, Alex Loewenthal, Einat Birk
Pediatric Cardiology, Schneider Children’s Medical Center, Israel

08:20  Long-Term TvI-Based Study for Detection and Prevention of Complete Atrioventricular Bloc in Fetuses Exposed to Autoimmune Antibodies: Dexamethasone Prevents Deterioration of Low-Grade AV Block
Zeev Perles, Zeev Perles, Yuval Ishai, Amiram Nir, Sagui Gavri, Julius Golender, Assaf Ta-Shma, Nurit Yaakobi, Ibrahim Abu-Zahira, Juma Natshe, Aviv Berger, Uri Elchalal, Azaria JJT Rein
Pediatric Cardiology, Hadassah-Hebrew University Medical Center, Israel, Israel

08:30  Depression and Anxiety are Associated with High Healthcare Resource Utilization among Adults with Congenital Heart Malformations
Michal Benderly1,2, Ofra Kalter-Leibovic1,2, Dahlia Weitzman2,3, Leonard Blieden4, Jonathan Buber5, Alexander Dadashev4, Efrat Mazor-Dray6, Avraham Lorber7, Amiram Nir8, Yaron Razon2,4, Sergei Yalonetsky7, Gabriel Chodick2,3, Rafael Hirsch4, On behalf of the Israeli Congenital Heart Disease Research Group, for the Israeli Congenital Heart Disease Research Group9
1Cardiovascular Epidemiology Unit, Gertner Institute for Epidemiology and Health Policy Research, Sheba Medical Center, Israel
2Sackler Faculty of Medicine, Tel-Aviv University, Israel
3Morris Kahn & Maccabi institute for research and innovation, Maccabi Healthcare Services, Israel
4Adult Congenital Heart Disease Unit, Rabin Medical Center, Sorasky Faculty of Medicine, Tel Aviv University, Israel
5Heart Institute, Sheba Medical Center, Israel
6Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel
7Pediatric Cardiology and GUCH Unit, Rambam Health Care Campus, Technion Faculty of Medicine, Israel
8Department of Pediatric Cardiology, Hadassah, Hebrew University Medical Center, Israel
9The Israeli Congenital Heart Disease, Research group, Israel

08:40  The Late Effects of Pregnancy on Ascending Aortic Dimensions in Patients with Marfan Syndrome
Rafael Kuperstein1, Amihay Shinfeld1, Michael Arad1, Michal Simchen2
1Leviev Heart Center, Sheba Medical Center, Tel Aviv University, Israel
2Department of Obstetric and Gynecology, Sheba Medical Center, Tel Aviv University, Israel
08:50  Clinical course of the Hemodynamically Insignificant Ductus Arteriosus  
Daniel Fink¹, Itamar Nitzan², Alona Bin-nun², Francis Mimouni², Cathy Hammerman²  
¹Pediatric Cardiology, Shaare Zedek Medical Center, Israel  
²Neonatology, Shaare Zedek Medical Center, Israel

09:00  Adult Congenital Heart Disease: A Systemic Disease  
Ariane Marelli  
McGill University Health Center, Montreal, Quebec, Canada

09:20  Use of 4D Flow Cardiac MRI Techniques in Congenital Heart Disease: Preliminary Experience and Comparison with Standard Phase Contrast Techniques  
Max E Godfrey¹,⁴, Naama Bogot³, Michael Welt², Daniel Mann², Michael Glikson², Arik Wolak²  
¹Pediatric Cardiology, Shaare Zedek Medical Center, Israel  
²Cardiology, Shaare Zedek Medical Center, Israel  
³Radiology, Shaare Zedek Medical Center, Israel  
⁴Pediatric Cardiology, Schneider Children’s Medical Center, Israel

09:30  Autophagy Guided Interventions to Modify the Phenotype of Danon Disease  
Zachary Petrover¹,³, Dor Yadin¹,², Asher Shainberg³, Dan Aravot¹, Ronny Alcalai⁴, Jon Seidman⁴, Edith Hochhauser¹, Michael Arad²  
¹Cardiac Surgery, Felsenstein Research Center. Rabin Medical Center, Sackler School of Medicine, Tel Aviv University, Israel  
²Cardiology, Leviev Heart Center, Sheba Medical Center and Sackler School of Medicine, Tel Aviv University, Israel  
³Life Science, Bar-Ilan university, Israel  
⁴Cardiology, Hadassah Medical Center, University Hospital, Israel  
⁵Genetics, Harvard Medical School, MA, USA
08:00  Metabolic Syndrome is Associated to High-Sensitivity Cardiac Troponin T Elevation
Assi Milwidsky¹, Eyal Fisher², Rafael Brzezinski³, Michal Ehrenwald³, Gabi Shefer⁴, Naftali Stern⁴, Itzhak Shapira³, David Zeltser³, Shlomo Berliner³, Shani Shenhar-Tsarfaty³, Ori Rogowski³
¹Department of Cardiology, Tel Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel Aviv University, Israel
²Department of Statistics, School of Mathematical Science, Tel Aviv University, Israel
³Departments of Internal Medicine “C”, “D” and “E”, Tel Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel Aviv University, Israel
⁴Institute of Endocrinology, Metabolism and Hypertension, Tel Aviv Sourasky Medical Center, Tel Aviv University, Israel

08:10  Features and Long-Term Outcomes of Young Adults Undergoing Coronary Angiography for Coronary Artery Disease
Ahmad Hasan, Ronen Jaffe, Ronen Rubinshtein, Amnon Merdler, Basheer Karkabi, Nader Khader, Jacob Goldstein, David A Halon, Moshe Y Flugelman, Barak Zafrir
Cardiovascular Medicine, Lady Davis Carmel Medical Center, Israel

08:20  Frequency of Sexual Activity and Long-Term Mortality Risk in Patients After Acute Myocardial Infarction
Shlomit Brandis Kepler¹, Yael Benyamini², Uri Goldbourt¹, Tal Hasin³, Yariv Gerber¹
¹Department of Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, Israel
²Bob Shapell School of Social Work, Tel Aviv University, Israel
³Department of Cardiology, Shaare Zedek Medical Center, Israel

08:30  The Effect of Cessation of 2nd Generation P₂Y₁₂ Inhibitor Therapy on Platelet Reactivity in Patients One Year after Acute Myocardial Infarction
Guy Witberg¹,³, Jalal Bathish², Tamir Bental¹,³, Dorit Leshem-Lev¹,³, Abid Assali¹,³, Ran Kornowski¹,³, Eli Lev¹,³
¹Department of Cardiology, Rabin Medical Center, Israel
²Department of Internal Medicine B, Rabin Medical Center, Hasharon Hospital, Israel
³The Sackler Faculty of Medicine, Tel Aviv University, Israel
08:40  The Association Between Neck fat Volume and Long-Term Outcome  
Ilya Litovchik¹, Sigal Tal¹, Miriam M. Klar¹, Hillel S. Maresky¹,  
Tomer Ziv-Baran¹,⁴, David Pereg¹,⁵, Shmuel Fuchs¹,², Sa’ar Minha¹,²  
¹Sackler School of Medicine, Tel-Aviv University, Israel  
²Cardiology, Assaf-Harofeh Medical Center, Israel  
³Radiology, Assaf-Harofeh Medical Center, Israel  
⁴Department of Epidemiology and Preventive Medicine, School of Public Health,  
Tel-Aviv University, Israel  
⁵Cardiology, Meir Medical Center, Israel

08:50  The Role and Outcome of Cardiac Rehabilitation Program in Patients with  
Atrial Fibrillation  
Ella Shaviv¹,², Arwa Younis¹,², Eyal Nof¹,², Ariel Israel¹,², Ilan Goldenberg¹,²,³  
Michael Glikson¹,²,⁴, Robert Klempfner¹,², Roy Beinart¹,²  
¹The Leviev Heart Center, Sheba Medical Center, Israel  
²Sackler School of Medicine, Tel Aviv University, Israel  
³University of Rochester, Heart Research Program, NY, Israel  
⁴Heart Center, Shaare Zedek Medical Center, Israel

09:00  CV Prevention in Children  
Carlos Scherr  
Lead Officer of International Affairs, Brazilian Society of Cardiology, Biennia, Brazil

09:15  The Association between Various Psychosocial Measures and Trajectory  
of Secondary Prevention Adherence after Myocardial Infarction  
Michal Nachshol¹, Ido Lurie²,³,⁴, Uri Goldbourt⁵, Yael Benyamini⁵, Yariv Gerber⁴  
¹Sackler School of Medicine, Tel Aviv University, Israel  
²Department of Psychiatry, Sackler School of Medicine, Tel Aviv University, Israel  
³Kfar Saba Adult Clinic, Shalvata Mental Health Center, Israel  
⁴Department of Epidemiology and Preventive Medicine, Tel Aviv University, Israel  
⁵Bob Shapell School of Social Work, Tel Aviv University, Israel
09:25  Chronic Exposure to Traffic-Related Air Pollution and Cancer Incidence among 10,000 Israeli Patients Undergoing Percutaneous Coronary Interventions: A Follow-Up Study  
Gali Cohen\(^1\), Ilan Levy\(^2\), Yuval\(^3\), Jeremy D Kark\(^4\), Noam Levin\(^5\), Guy Witberg\(^6\), Zaza Iakobishvili\(^6\), Tamir Bental\(^6\), David M Broday\(^2\), David M Steinberg\(^6\), Ran Kornowski\(^5,7\), Yariv Gerber\(^1\)  
\(^1\)Dept. of Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, Israel  
\(^2\)Technion Center of Excellence in Exposure Science and Environmental Health, Technion Israel Institute of Technology, Israel  
\(^3\)Epidemiology Unit, Braun School of Public Health and Community Medicine, Hebrew University of Jerusalem, Israel  
\(^4\)Dept. of Geography, Hebrew University of Jerusalem, Israel  
\(^5\)Dept. of Cardiology, Rabin Medical Center (Beilinson and Hasharon Hospitals), Israel  
\(^6\)Dept. of Statistics and Operations Research, School of Mathematical Sciences, Raymond and Beverly Sackler Faculty of Exact Sciences, Tel Aviv University, Israel  
\(^7\)Dept. of Cardiovascular Medicine, Sackler Faculty of Medicine, Tel Aviv University, Israel

09:35  Usefulness of Serial Six-Minute Walk Distance in Ambulatory Heart Failure Patients  
Jonathan Koslowsky, Rivka Farkash, Adina Niazov, Michael Glikson, Tal Hasin  
Heart Center, Shaare Zedek Medical Center, Israel

09:45  Lipid-lowering Therapy with PCSK9 Inhibitors in the Real World Setting: Two-year Experience of a Regional Lipid Clinic  
Barak Zafrir\(^1\), Oksana Shaulov\(^2\), Hanan Nejim\(^2\)  
\(^1\)Cardiovascular Medicine Department, Lady Davis Carmel Medical Center, Israel  
\(^2\)Diet and Nutrition Unit, Lady Davis Carmel Medical Center and Clalit Health Services, Haifa and Western Galilee District, Israel

09:55  Hypoglycemic Events During Hospitalization in Diabetic Acute Coronary Syndrome Patients Treated with Vildagliptin vs. Guidelines Based Medical Therapy  
Idit Dr. Dobrecky-Mery\(^1\), Adir Dr. Sommer\(^2\), Nadia Nahmany Goldberg\(^1\), Eugeny Dr. Radizishevsky\(^1\), Elena Dr. Rivlin\(^1\), Hammoud Dr. Mahmood\(^1\), Zaid Dr. Gassan\(^1\), Ghanayim Dr. Mustafa\(^1\), Uri Prof. Rosenschein\(^1\)  
\(^1\)Departement of Cardiology, Bnai-Zion Medical Center, Israel  
\(^2\)The Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Israel
09:00-12:00  Anglo Israel Cardiovascular Symposium

**Session 1 - Heart Failure & Cardiomyopathy**
Chairs: Jonathan Behar, UK, Yigal Abramowitz, Israel

**9:00-09:20** Heart Failure Update - New Challenges in the UK & Beyond  
Andrew Clark  
*UK*

**09:20-09:40** Alcohol Septal Ablation for HCM  
Oliver Guttmann  
*UK*

**Session 2 - Imaging**
Chairs: Duncan Dymond, UK, Shemy Carasso, Israel

**09:40-10:00** Stress Perfusion CMR. Is this the Method of Choice for the Detection of Myocardial Ischaemia?  
Amedeo Chiribiri  
*UK*

**10:00-10:20** Multiparametric Mapping for Myocardial Biology  
James Moon  
*UK*

**10:20-10:35** Coffee Break

**Session 3 – Valvular Heart Disease**
Chairs: Stephen Brecker, UK, Offer Amir, Israel

**10:35-10:55** Cardiac CT - High Resolution Tools for Successful Valvular Implantation?  
Ronak Rajani  
*UK*

**10:55-11:15** Biological Valves Thrombosis  
Yigal Abramowitz  
*Israel*

**11:15-11:35** Left Atrial Function Renaissance  
Shemy Carasso  
*Israel*

**Session 4 - Philip Poole-Wilson Lecture**

**11:35-11:55** Philip Poole-Wilson Memorial Lecture: Improving on Troponin  
Mike Marber  
*UK*
10:30-12:30  PL1 - Plenary Session I - Opening Ceremony Neufeld Awards
Chairs: Ran Kornowski, Ronen Rubinshtein, Israel Heart Society (IHS),
Ehud Raanani, Erez Kachel, Israel Society of Cardiothoracic Surgery (ISCTS)

10:30-11:30  Opening Introductions
Ran Kornowski, President, Israel Heart Society (IHS)
Ehud Raanani, Chairman, Israel Society of Cardiothoracic Surgery (ISCTS)
Awarding of New Honorary Members of the Israel Heart Society (IHS):
Prof. Jeroen Bax, Prof. Basil Lewis, Prof. Zvi Vered
Recognition of the Industry Round Table of the Israel Heart Society
Michel Mirowski Excellence in Cardiology Award
Richard, Hilda and Ezra Meltzer Memorial Award
Fellowship Awards of the Israel Heart Society
Fellowship on behalf of the Intensive Care WG of the IHS: Arie Roth Acute Cardiac Care Award
Recognition of the Industry Round Table of the Israel Society of Cardiothoracic Surgery

11:30-11:40  Henry Neufeld Awards

11:40-12:10  Neufeld Memorial Lecture: The Evolving Science of Health: Genetics, Imaging and Behavior in Cardiovascular Medicine
Valentin Fuster
Mount Sinai Hospital New York, NY, USA

12:10-12:30  Robotic and Minimally Invasive Mitral Valve Repair
Marc Gillinov
Cleveland Clinic, Cleveland, OH, USA

12:30-14:00  LS1 - Lunch Session Sponsored by Pfizer
A New Era for PE Managements - From Clinical Theory to Clinical Practice
Chair: Shaul Atar, Israel

12:30  Lunch - First and Main Course

12:50  Selecting the Optimal Duration and Regimen of Anticoagulation after Pulmonary Embolism
Avi Shimony
Cardiology, Soroka Medical Center, Israel
13:05  Pulmonary Emboli in the Real World- The Sheba Prospective PE Registry  
Shlomi Matetzky  
Heart Center, Sheba Medical Center, Israel

13:25  Prothrombin Complex Concentrate for Reversal of Xa Inhibitors  
Galia Spectre  
Hematology Institute, Rabin Medical Center, Israel

13:35  Panel Discussion  
Chair: Shaul Atar, Israel  
Panel Members: Shmuel Fuchs, Shlomi Matetzky, Galia Spectre, Avi Shimony, Israel

13:50  Q & A

12:30-14:00  LS2 - Lunch Session Sponsored by Boehringer Ingelheim  
New Breakthroughs in Cardiovascular Care in the NOAC’s Era  Hall I - Zefat

12:30  Lunch First Course

12:40  Opening and Welcome  
Ran Kornowski  
Israel

12:50  Recently Published Clinical Trials and Interventional Cardiology Procedures in the NOAC’s Era...  
Georg Nickenig  
University Hospital, Bonn, German

13:20  Panel Discussion/ Q&A  
Panel Members: Ran Kornowski, Doron Zahger, Amit Segev, Israel

13:45  Lunch Main Course

12:30-14:00  LS3 - Lunch Session Sponsored by Novartis  
Heart Failure Case Studies - What would YOU do?  Hall J - Tiberias

12:30  Lunch - First and Main Course

12:45  Case 1  
Israel Gotsman  
Israel

13:05  Case 2  
Offer Amir  
Israel
**TUESDAY, APRIL 24, 2018**

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>13:25</td>
<td><strong>Case 3</strong>&lt;br&gt;Tamir Bental&lt;br&gt;Israel</td>
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<tr>
<td>12:30-14:00</td>
<td><strong>LS4 - Lunch Session Sponsored by Abbott</strong>&lt;br&gt;Structural Heart - A 360 Approach to Structural Heart Diseases Throughout Life!&lt;br&gt;Chair: Ran Kornowski, Israel</td>
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<tr>
<td>12:30</td>
<td><strong>The Evidence in Favor of Closing PDA and Choosing Wisely the Patients Candidates</strong>&lt;br&gt;Elhanan Bruckheimer&lt;br&gt;Israel</td>
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<td>12:45</td>
<td><strong>Stroke Prevention - What Evidence in Favor of LAA Closure for Stroke Prevention among AF Patients at Risk?</strong>&lt;br&gt;Abid Assali&lt;br&gt;Israel</td>
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<td>13:00</td>
<td><strong>The Use of MitraClip to Improve HF + Functional MR Symptoms: Current Perspectives</strong>&lt;br&gt;Menashe Shuvy&lt;br&gt;Israel</td>
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<td>13:15</td>
<td><strong>Not all TAVI Born the Same – The Rational for Expanding the Valve Portfolio in 2018</strong>&lt;br&gt;Paul Fefer&lt;br&gt;Israel</td>
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<td>14:00-15:30</td>
<td><strong>PL2 - Plenary Session II –Joint Session: European Society of Cardiology (ESC) - Israel Heart Society (IHS)</strong>&lt;br&gt;Chairs: Ran Kornowski, Ronen Rubinshtein, Israel Heart Society (IHS)&lt;br&gt;Ehud Raanani, Israel Society of Cardiothoracic Surgery (ISCTS)&lt;br&gt;Jeroen Bax, European Society of Cardiology (ESC)</td>
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<td>14:00-14:10</td>
<td><strong>The ESC-IHS Intensified Bond</strong>&lt;br&gt;Jeroen Bax&lt;br&gt;President, European Society of Cardiology, The Netherlands</td>
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<td>14:10-14:25</td>
<td><strong>Imaging Aortic Stenosis</strong>&lt;br&gt;Jeroen Bax&lt;br&gt;President, European Society of Cardiology, The Netherlands</td>
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<td>14:25-14:40</td>
<td><strong>What's New in the ESC Valvular Heart Disease Guidelines</strong>&lt;br&gt;Stephan Windecker&lt;br&gt;University Hospital, Bern, Switzerland</td>
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</table>
14:40-14:55  TAVI State of the Art 2018  
Amit Segev  
Sheba Medical Center, Tel Ha Shomer, Israel

14:55-15:10  New Frontiers in Coronary Imaging  
Stephan Achenbach  
Friedrich-Alexander-Universität Erlangen Nürnberg, Germany

15:10-15:25  PCI and CABG in Multi-Vessel and Left Main Disease in 2018  
David Taggart  
Oxford University, Oxford, UK

16:00-18:00  S9 - Interventional Cardiology: Structural Heart Interventions  
Chairs: Ariel Finkelstein, Arthur Kerner, Israel

16:00  Transcatheter Aortic Valve Implantation Futility Risk Model: From the 4-Sites Israeli TAVI Registry  
Oren Zusman¹,₅, Uri Landes¹,₅, Israel Barbash²,₅, Ariel Finkelstein⁴,₅, Haim Danenberg²,₆, Amit Segev²,₅, Victor Guetta²,₅, Katia Orvin¹,⁵, Abid Assali¹,⁵, Alon Barsheshet¹,₅, Ran Kornowski¹,₅  
¹Department of Cardiology, Rabin Medical Center, Please Select, Israel  
²Department of Cardiology, Chaim Sheba Medical Center, Israel  
³Department of Cardiology, Hadassah Hebrew University Medical Center, Israel  
⁴Department of Cardiology, Tel-Aviv Sourasky Medical Center, Israel  
⁵Sackler Faculty of Medicine, Tel-Aviv University, Please Select, Israel  
⁶Faculty of Medicine, Hebrew University of Jerusalem, Israel

16:10  Sex-Related Differences in Clinical Characteristics and Outcome of Patients Undergoing Transcatheter Aortic Valve Implantation- Data from the Israeli TAVI Registry  
Osnat Itzhaki Ben Zadok¹,², Katia Orvin¹,², Ariel Finkelstein²,³, Israel M Barbash²,⁴, Haim Danenberg²,₆, Amit Segev²,⁴, Victor Guetta²,⁴, Amir Halkin²,³, David Planer²,⁶, Tamir Bental¹,², Hana Vaknin Assa¹,², Abid Assali¹,², Alon Barsheshet¹,², Ran Kornowski¹,²  
¹Department of Cardiology, Rabin Medical Center, Israel  
²Sackler Faculty of Medicine, Tel Aviv University, Israel  
³Department of Cardiology, Sourasky Medical Center, Israel  
⁴Department of Cardiology, Sheba Medical Center, Israel  
⁵Department of Cardiology, Hadassah Medical Center, Israel  
⁶Faculty of Medicine, Hebrew University of Jerusalem, Israel
TUESDAY, APRIL 24, 2018

16:20  Intraprocedural Valve-in-Valve Implantation for Treatment of Paravalvular Leak Following Transcatheter Aortic Valve Replacement: A Tailored Approach
Ayman Jubran, Moshe Flugelman, Barak Zafrir, Avinoam Shiran, Nader Khader, Ronen Rubinshtein, Ronen Jaffe
Cardiology Department, Carmel Medical Center and the Technion IIT, Israel

16:30  Dental Screening Prior to Valve Interventions; Should We Prepare TAVR Patients for “Surgery”?
Haitham Sholy1,2, Dalit Porat Ben Amy1,2, Nizar Andria1,2, Ghanim Diab1,2, Doron Sudarsky1,2, Wadi Kinany1,2, Khaled Taha1,2, Chen Shmuel1,2, David Meerkin1,2, Imad Abu El-Naaj1,2, Kachel Erez1,2, Sammer Diab1,2, Offer Amir1,2, Carasso Shemy1,2, Fabio Kusniec1,2
1Cardiovascular Department, B Padeh Medical Center, Israel
2The Faculty of Medicine, Bar-Ilan University, Israel

16:40  Effects and Safety of Beta-Blocker Withdrawal Among Patients Undergoing Transcatheter Aortic Valve Replacement
Arwa Younis1, Katia Orvin3, Eyal Nof3, Israel Barabash1, Victor Guetta1, Anat Berkovitch1, Paul Fefer1, Amit Segev1, Michael Glikson1, Abid Assali3, Hana Vaknin1, Ran Kornowski1, Roy Beinart1
1Cardiology, Sheba Medical Center, Israel
2Cardiology, Shaare Zedek Medical Center, Israel
3Cardiology, Rabin Medical Center (Billinson), Israel

16:50  Retrograde Femoral Artery Stent Graft Implantation for Treatment of Access Site Bleeding Following Transcatheter Aortic Valve Replacement
Hussein Sliman1, Avinoam Shiran1, Dallit Mannheim2, Eyal Avraham3, Ron Karmeli3, Khader Nader1, Barak Zafrir1, Ronen Rubinshtein1, Ronen Jaffe1
1Cardiology, Carmel Medical Center and the Technion IIT, Israel
2Vascular Surgery, Carmel Medical Center, Israel
3Vascular Surgery, Hadassah Medical Center, Israel

17:00  Long-Term Outcomes of Ilio-Femoral Artery Stents Following Trans-Femoral Aortic Valve Replacement
Yoni Grossman1,2, Daniel Siverberg2,3, Anat Berkovitch1,2, Fernando Chernomordik1,2, Arwa Younis1,2, Elad Asher1,2, Israel Barbash1,2, Moshe Halak2,3, Victor Guetta1,2, Amit Segev1,2, Paul Fefer1,2
1Leviev Heart Center, Sheba Medical Center, Israel
2Sackler School of Medicine, Tel Aviv University, Israel
3Vascular Surgery Department, Sheba Medical Center, Israel

17:10  Rehospitalization Rates After Mitral Clip in Patients with Severe Mitral Regurgitation
Ilgar Tahiroglu, Mony Shuvi
Cardiology, Hadassah Medical School, Israel
17:20  Transcatheter Aortic Valve Implantation in Oncology Patients with Aortic Stenosis

Uri Landes¹, Zaza Iakobishvili², Daniella Vronsky¹, Oren Zusman¹, Ronen Jaffe²,
Ayman Jubran², Sung-Han Yoon³, Maurizio Taramasso⁴, Jan-Malte Sinning⁵,
Luigi Biasco⁶, Azeem Latib⁷, Corrado Tamburino⁸, Stephan Windecker⁹,
Didier Tchetche¹⁰, Alon Barsheshet¹, Mayra Guerrero¹¹, Johan Bosmans¹²,
Danny Dvir¹³, Darren Mylotte¹⁴, Sabine de Bruijn¹⁵, Yusuke Watanabe¹⁶,
Lars Sondergaard¹⁷, Pablo Codner¹, Susheel Kodali¹⁸, Martin Leon¹⁸,
Ran Kornowski¹

¹Cardiology, Rabin Medical Center, Israel
²Cardiology, Carmel Medical Center, Israel
³Cardiology, Cedars-Sinai, USA
⁴Cardiology, University Hospital of Zurich, Switzerland
⁵Cardiology, University Hospital Bonn, Germany
⁶Cardiology, Fondazione Cardiocentro Ticino, Switzerland
⁷Cardiology, San Raffaele Scientific Institute, Italy
⁸Cardiology, Ferrarotto medical center, Italy
⁹Cardiology, Bern University Hospital, Switzerland
¹⁰Cardiology, Clinique Pasteur, France
¹¹Cardiology, Evanston Hospital, USA
¹²Cardiology, Antwerp University medical center, Belgium
¹³Cardiology, University of Washington Medical Center, USA
¹⁴Cardiology, University Hospital and National University of Ireland, Ireland
¹⁵Cardiology, Cardiovascular Center Frankfurt, Germany
¹⁶Cardiology, Teikyo university school of medicine, Japan
¹⁷Cardiology, Rigshospitalet, Denmark
¹⁸Cardiology, Columbia University Medical Center, USA

17:30  TAVI in Cancer Patients How Often and When is it Truly Indicated

Dan Gilon, Ivelin Koev, Gidon Pearlman, David Planner, Mahsati Ibrahimli,
Naseem Shadafny, Mony Shuvy, Chaim Lotan, Haim Danenberg
Cardiology, Hadassah Medical Center, Ein kerem, Israel

17:40  Direct Admission of Selected Patients to Intermediate Cardiology Unit After TAVI is Feasible and Safe

Anat Berkovitz, Ilan Goldenberg, Yael Peled, Michael Berger, Amit Segev, Paul Fefer, Elad Maor, Yoni Grossman, Michael Kogan, Arsalan Abumuch, Younis Arwa, Sagit Ben Zekry, Victor Guetta, Israel Barbash
Leviev Heart Institute, Sheba Medical Center, Tel Aviv University, Israel
16:00  
**Imaging to select patients for Mitraclip**  
Jeroen Bax  
*President, European Society of Cardiology, The Netherlands*

16:20  
**Indexed Left Atrial Volume by Echocardiography as an Indicator of Left Heart Disease in Patients with Scleroderma and Suspected Pulmonary Hypertension**  
Jean Deschamps¹, Benjamin Fox², Lawrence Rudski¹, Robert Schlesinger¹, Ali Abualsaud¹, Igal Sebag¹, Jonathan Afilalo¹, Marie-Josee Blais¹, Mark Eisenberg¹, Dominique Joyal¹, Fay Blenkhorn¹, Lyda Lesenko¹, Michele Giovinazzo¹, David Langleben¹  
¹Azrieli Heart Center, Department of Medicine, Jewish General Hospital, McGill University, Quebec, Canada  
²Division of Respiratory Medicine, Asaf Harofeh Hospital, Israel

16:30  
**Echocardiographic E to E Prime Ratio: An Incremental Predictor of Clinical Outcome in Cardiovascular Patients Irrespective of Left Ventricle Ejection Fraction**  
Ran Eliaz, Dan Gilon, Andre Keren, Chaim Lotan, Israel Gotsman  
*Heart Institute, Hadassah Medical Center, Ein Kerem, Israel*

16:40  
**Routine use of Global Longitudinal Strain among Active Breast Cancer Patients: A Cardio-Oncology Registry**  
Michal Laufer Perl, Assi Milwidsky, Liat Mor, Dor Ravid, Nadav Amrami, Matthew Derakhshesh, Jack Sherez, Gad Keren, Yaron Arbel, Yan Topilsky  
*Cardiology, Tel Aviv Sourasky Medical Center, Israel*

16:50  
**Speckle Tracking Imaging in Myocarditis**  
Marina Leitman¹,², Zvi Vered¹,², Vladimir Tyomkin¹, Boris Macogon², Gil Morasky¹,², Eli Peleg¹,², Laurian Copel¹,²  
¹Department of Cardiology, Assaf Harofeh Medical Center, Israel  
²Department of Radiology, Assaf Harofeh Medical Center, Israel

17:00  
**The Differences in Left Atrial Appendage Remodeling Between Diabetic and Non-Diabetic Patients Transesophageal 3D Echocardiography Study**  
Chaim Yosefy¹,², Marina Pery¹,², Piltz Xavier¹,², Boris Brodkin¹,², Vladimir Khalameizer¹,²  
¹Department of Cardiology, Barzilai Medical Center Campus, Israel  
²Faculty of Health Science, Ben-Gurion University, Israel
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<tr>
<td>17:10</td>
<td>Feasibility and Efficacy of Teaching Patients Self-Assessment of Inferior Vena Cava Operating a Portable Ultrasound Device</td>
<td>Osnat Ganz¹, Alon Ben-Sasson¹, Iotam Lior¹, Noah Liel Cohen¹,², Sergio Kobal¹,²</td>
<td>Department of Epidemiology, Faculty of Health Sciences. Ben Gurion University of the Negev, Israel Cardiology Department, Soroka University Medical Center, Israel</td>
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<tr>
<td>17:20</td>
<td>Was Two-Dimensional Strain for Diagnosing Chest Pain in the Emergency Room (2DSPER) a Negative Study Because of Poor Image Quality?</td>
<td>Avinoam Shiran¹, David S. Blondheim², Sara Shimoni³, Mohamed Jabaren⁴, David Rosenmann⁵, Alex Sagie⁶, David Leibowitz⁷, Marina Leitman⁸, Micha Feinberg⁹, Ronen Beeri¹⁰, Ihab Asmer¹, Majdi Ganaeem¹, Noah Liel-Cohen¹⁰</td>
<td>Cardiology, Lady Davis Carmel Medical Center Cardiology, Hillel Yaffe Medical Center Cardiology, Kaplan Medical Center Cardiology, Haemek Medical Center Cardiology, Shaare Zedek Medical Center Cardiology, Rabin Medical Center Cardiology, Hadassah-Hebrew University Medical Center Cardiology, Assaf Harofeh Medical Center Heart Center, Sheba Medical Center Cardiology, Soroka University Medical Center</td>
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<tr>
<td>17:30</td>
<td>Effect of Patient Position on Detection of Patent Foramen Ovale by Simultaneously Performed Transcranial Doppler and Transesophageal ECHO</td>
<td>David S. Blondheim¹,³, Sergio Sabetay²,³</td>
<td>Unit of Non-Invasive Cardiology, Hillel Yaffe Medical Center, Hadera, Israel Department of Neurology, Hillel Yaffe Medical Center, Hadera, Israel Affiliated with the Technion, Faculty of Medicine, Haifa, Israel</td>
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<tr>
<td>17:40</td>
<td>Prevalence of Diastolic Dysfunction among Consecutive Patients with CVD Risk Factors Referred for Echocardiography</td>
<td>Mady Moriel, Adi Butnaru, Marc Klutstein, Shmuel Gottlieb, Feras Bayya, Rivka Farkash, Michael Glikson, David Rosenmann</td>
<td>Jesselson Integrated Heart Center, Shaare Zedek Medical Center, Israel</td>
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<td>17:50</td>
<td>Restrictive Filling Pattern in the Echo Lab</td>
<td>Marina Leitman¹,², Levitan Marina², Vladimir Tyomkin¹, Zvi Vered¹,²</td>
<td>Department of Cardiology, Assaf Harofeh Medical Center, Israel Sackler School of Medicine, Tel Aviv University, Israel</td>
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Predictors of Time from Symptom Onset to First Medical Contact in the Digital Telemedicine Era
Elad Maor\textsuperscript{1,2}, Yitzhak Abend\textsuperscript{4}, Diab Ganem\textsuperscript{3}, Fabio Kuzniec\textsuperscript{3}, Amir Lerman\textsuperscript{4,5}, Offer Amir\textsuperscript{3,4}
\textsuperscript{1}The Olga & Lev Leviev Heart Center, Sheba Medical Center, Israel
\textsuperscript{2}Sackler School of Medicine, Tel Aviv University, Israel
\textsuperscript{3}Cardiovascular Department, Poriya Medical Center, Israel
\textsuperscript{4}SHL Telemedicine, SHL Telemedicine, Israel
\textsuperscript{5}Cardiovascular Department, Mayo Clinic, Minnesota, USA

Trends and Predictors of Pre-Hospital Delay in Patients Undergoing Primary Coronary Intervention
Gilad Margolis, sevan Letourneau-Shesaf, Shafik Khoury, Natalia Kofman, Gad Keren, Yacov Shacham
Department of Cardiology, Tel-Aviv Sourasky Medical Center, Israel

Quality Indicators in Acute Myocardial Infarction Care: An International Comparison
Oren Zusman\textsuperscript{1,2}, Owen Bebb\textsuperscript{3}, Marlous Hall\textsuperscript{3}, Tatandashe Dondo\textsuperscript{3}, Ran Kornowski\textsuperscript{1,2}, Chris Gale\textsuperscript{3}, Zaza Iakobishvili\textsuperscript{1,2}
\textsuperscript{1}Department of Cardiology, Rabin Medical Center, Israel
\textsuperscript{2}Sackler Faculty of Medicine, Tel-Aviv University, Israel
\textsuperscript{3}Leeds Institute of Cardiovascular and Metabolic Medicine, University of Leeds, UK

Characteristics and Outcomes of Cancer Patients Presenting with Myocardial Infarction
Osnat Itzhaki Ben Zadok\textsuperscript{1,2}, David Hasdai\textsuperscript{1,2}, Shmuel Gottlieb\textsuperscript{3,4}, Avital Porter\textsuperscript{1,2}, Roy Beigel\textsuperscript{1,2}, Tal Cohen\textsuperscript{6}, Nir Shlomo\textsuperscript{3}, Ran Kornowski\textsuperscript{1,2}, Zaza Iakobishvili\textsuperscript{1,2}
\textsuperscript{1}Cardiology Department, Rabin Medical Center, Israel
\textsuperscript{2}Sackler Faculty of Medicine, Tel Aviv University, Israel
\textsuperscript{3}Department of Cardiology, Shaare Zedek Medical Center, Israel
\textsuperscript{4}Faculty of Medicine, Hebrew University of Jerusalem, Israel
\textsuperscript{5}Department of Cardiology, Sheba Medical Center, Israel
\textsuperscript{6}Department of Statistics, Israeli Center of Cardiovascular Research, Israel

Incidence, Predictors and Prognostic Implications of Dyspnea at Admission Among Acute Coronary Syndrome Patients Without Heart Failure
Gil Marcus\textsuperscript{1}, Shay Shimoni\textsuperscript{2}, Shlomy Matetzky\textsuperscript{1}, Ilya Kumets\textsuperscript{1}, Bethlehem Mengesha\textsuperscript{1}, Itzhak Vitkon Barkay\textsuperscript{1}, Alex Blatt\textsuperscript{1}, Shmuel Fuchs\textsuperscript{1}
\textsuperscript{1}Cardiology Division, Asaf Harofe Medical Center, Israel
\textsuperscript{2}Department of Hematology, Belinson Hospital, Rabin Medical Center, Israel
\textsuperscript{3}Leviev Heart Center, The Chaim Sheba Medical Center, Israel
TUESDAY, APRIL 24, 2018

16:50  Long Term Renal Outcomes and Mortality Following Persistent Renal Injury Among Myocardial Infarction Patients Treated by Primary Percutaneous Intervention
Natalia Kofman, Gilad Margolis, Amir Gal-Oz, Sevan Letourneau-Shesaf, Gad Keren, Zach Rozenbaum, Yacov Shacham
Cardiology, Tel Aviv Sourasky (Ichilov) Medical Center, Israel

17:00  Guideline Recommended Therapies and Clinical Outcomes According to the Risk for Recurrent Cardiovascular Events after an Acute Coronary Syndrome
Yoav Hammer¹, Zaza Iakobishvili¹, David Hasdai¹, Ilan Goldenberg²,³,⁄, Nir Shlomo⁴, Ran Kornowski¹,³, Alon Eisen¹,³
¹Cardiology Department, Rabin Medical Center, Beilinson Campus, Israel
²The Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel
³Sackler School of Medicine, Tel Aviv University, Israel
⁴Israeli Association for Cardiovascular Trials, Sheba Medical Center, Israel

17:10  The Outcome of Patients Admitted for Acute-Coronary Syndrome During “Off-Hours”
Ilya Litovchik¹,², Ilan Goldenberg²,³, Roy Beigel¹,³, Zaza Iakobishvili³,², David Pereg¹, Nir Shlomo²,², Shmuel Fuchs¹,³, Sa’ar Minha¹,²
¹Cardiology, Assaf-Harofeh Medical Center, Israel
²Leviev Heart Center, Sheba Medical Center, Israel
³Sackler School of Medicine, Tel-Aviv University, Israel

Alon Eisen¹, Tali Porter¹, Ilan Goldenberg², Tal Cohen², Ran Kornowski¹
¹Cardiology, Rabin Medical Center-Bilinson, Israel
²Cardiology, Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Israel

17:30  Temporal Trends Analysis (2000-2016) of Patients with Prior Coronary Artery Bypass Graft Surgery who are Admitted with an Acute Coronary Syndrome
Ilan Marcuschamer¹, Zaza Iakobishvili¹, Abid Assali¹, Hana Vaknin-Assa¹, Roy Beigel¹, Tal Cohen¹, Ilan Goldenberg², Ran Kornowski¹, Alon Eisen¹
¹Cardiology Department, Beilinson-Rabin Hospital, Petah Tikwa, Israel
²Cardiology Department, Sheba Academic Medical Center Hospital - Tel Hashomer, Ramat Gan, Israel
TUESDAY, APRIL 24, 2018

17:40  
Acute Kidney Injury Based on the KDIGO among ST Elevation Myocardial Infarction Patients Treated by Primary Percutaneous Intervention
Gilad Margolis¹, Amir Gal Oz², Sevan Letourneau Shesaf¹, Shafik Khoury¹, Gad Keren¹, Yacov Shacham¹
¹Department of Cardiology, Tel-Aviv Sourasky Medical Center, Israel
²Department of Nephrology, Tel-Aviv Sourasky Medical Center, Israel

17:50  
Characteristics and Prognosis of Patients with Acute Coronary Syndrome Complicated by Ventricular Tachyarrhythmia in the Last Decade
Ella Yahud¹, Oran Tzuman¹, Olga Kaplun-Baskin¹, Yana Yadgarov¹, Avishag Laish-Farkash¹, Gergana Marincheva¹, Ilan Goldenberg², Eli Lev¹, Elad Asher¹
¹Cardiology Division, Assuta Ashdod University Hospital, Israel
²Leviev Heart Center, Sheba Medical Center, Israel

16:00-18:00  
S12 - Women in Cardiology
Chairs: Ariane Marelli, Canada, Avital Porter, Israel, Mary Walsh, USA

16:00  
Female Leadership in Cardiology: Is there a Glass Ceiling?
Avital Porter
Israel

16:15  
Women and Congenital Heart Disease- How We Continue to Impact Change?
Ariane Marelli
McGill University Health Center, Montreal, Quebec, Canada

16:30  
Heart Failure in Women
Mary Walsh
Immediate Past President, American College of Cardiology, Indianapolis, IN, USA

16:45  
Heart Disease in Minority Women in Israel
Donna Zfat-Zwas
Israel

17:00  
Outcome of Acute Coronary Syndrome in Women ≥ 80 Years Versus Those 80 Years in Israel from 2000 to 2016
Roy Rubinstein¹,², Shlomi Matetzky¹,², Roy Beigel¹,², Zaza Iakobishvili¹,², Ilan Goldenberg¹,², Michael Shechter¹,², on behalf of the ACSIS invastigators³
¹Leviev Heart Center, Chaim Sheba Medical Center, -, Israel
²Cardiology Department, Robin Medical Center, Israel
³The Sackler Faculty of Medicine, Tel Aviv University, Israel
TUESDAY, APRIL 24, 2018

17:10  **Short-Term Psychological Intervention in the Management of Psychological Factors Among Women Referred to the Women’s Heart Clinic**  
Noa Dalal², Irit Heruti², Yishai Manor², Adi Stansill², Ilana Gezel¹, Kornowski Ran¹, Avital Porter¹  
¹Cardiology, Rabin Medical Center-Bilinson, Israel  
²Psychology, Rabin Medical Center-Bilinson

17:20  **Blood Tests during Pregnancy that May Predict Long-Term Cardiovascular Morbidity**  
Shira Yuval Bar-Asher¹, Alexander Shefer²,³, Ilana Shoam Vardi³, Ruslan Sergienko¹, Arik Wolak⁴,³, Eyal Sheiner⁵,³, Talya Wolak⁶,⁷  
¹Faculty of Health Sciences, Joyce & Irving Goldman Medical School, Ben-Gurion University of the Negev, Israel  
²Internal Medicine Department H, Soroka University Medical Center, Israel  
³Department of Public Health, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel  
⁴Cardiology Department, Shaare Zedek Medical Center, Please Select, Israel  
⁵Department of Obstetrics and Gynecology, Soroka University Medical Center, Israel  
⁶Division of Internal Medicine, Shaare Zedek Medical Center, Israel  
⁷Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel

17:30  **Panel Discussion**

16:00-18:00  **S13 - Atrial Fibrillation- Non Invasive Therapy**  
Chairs: Avishag Layash Farkash, Mahmoud Suleiman, Israel  
HEB Hall I - Zefat

16:00  **Net Clinical Benefit of Anticoagulant Treatments in Elderly Patients with Non-Valvular Atrial Fibrillation**  
Hilmi Alnsasra¹, Moti Haim⁴, Orna Reges³, Ran Balicer², Morton Leibowitz², Moshe Hoshen², Meytal Avgil-Tsadok²  
¹Cardiology Department, Soroka Medical Center, Israel  
²Research Institute, Clalit Health Services, Israel

16:10  **Stroke, Bleeding and Death in Patients with Chronic Kidney Disease and Atrial Fibrillation**  
Yoav Arnson¹,³,⁵, Moshe Hoshen⁵, Adi Berliner-Sendrey⁵, Orna Reges⁵, Hagai Weinberg²,³, Ran Balicer⁵,⁶, Morton Leibowitz⁵, Meytal Avgil Tsadok⁵, Moti Haim⁴,⁵,⁶  
¹Cardiology Department, Meir Medical Center, Israel  
²Internal medicine “B”, Meir Medical Center, Israel  
³Sackler Faculty of Medicine, Tel Aviv University, Israel  
⁴Cardiology Department, Soroka Medical Center, Israel  
⁵Clalit Research Institute, Clalit Health Services, Israel  
⁶Faculty of Health Sciences, Ben Gurion University of the Negev, Israel
TUESDAY, APRIL 24, 2018

16:20  Use of Novel Oral Anticoagulants in Patients with Atrial Fibrillation and Moderate to Severe Renal Dysfunction: Findings from a Prospective National Registry
Hagai Yavin¹, Ilan Goldenberg², Avishay Elis³, Avi Sabbag³, Robert Klempfner², Nir Shlomo², Ariel Israel³, Gregory Golovchiner¹, Alon Barsheshet¹
¹Department of Cardiology, Beilinson Campus, Rabin Medical Center, Petah Tikva, Israel, affiliated with the Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
²Leviev Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Israel, affiliated with the Sackler School of Medicine, Tel-Aviv University, Tel Aviv, Israel
³Department of Internal Medicine C, Beilinson Campus, Rabin Medical Center, Petah Tikva, Israel, affiliated with the Sackler School of Medicine, Tel-Aviv University, Tel Aviv, Israel

16:30  Comparison of Left and Right Atrial Thrombus Formation and Coagulation Activity in Patients with Atrial Fibrillation
Ehud Chorin¹, Michal Cipok², Varda Doitch², David Varon², Erel Jaffe², Aviram Hochstadt¹, Ohad Bentur², Liron Hadad¹, Sami Viskin¹, Raphael Rosso¹
¹Department of Cardiology, Tel Aviv Sourasky Medical Center, Israel
²Department of Hematology, Tel Aviv Sourasky Medical Center, Israel

16:40  Predictors for Inadequate Utilization of Oral Anticoagulant in Patients with Atrial Fibrillation in the Clalit Health Services in Israel. Clinical Outcome and Public Health Implications
Nahum Freedberg¹, Sophia Eilat-Tsanani², Alexander Feldman¹, Dante Antonelli¹, Yoav Turgeman¹
¹Cardiology Department, HaEmek Medical Center, Israel
²Department of Family Medicine, Bar Ilan University, Israel

16:50  An Improved Risk Score for “Low-Risk” Atrial Fibrillation Patients with 0 and 1 Risk Factors
Yoav Arnson¹,²,³, Moshe Hoshen², Adi Berliner Senderey², Orna Reges², Ran Balicer²,³, Morton Leibowitz², Meytal Avgil Tsadok², Moti Haim²,⁴,⁵
¹Cardiology Department, Meir Medical Center, Israel
²Clalit Research Institute, Clalit Health Services, Israel
³Sackler Faculty of Medicine, Tel Aviv University, Israel
⁴Cardiology Department, Soroka Medical Center, Israel
⁵Faculty of Health Sciences, Ben Gurion University of the Negev, Israel
TUESDAY, APRIL 24, 2018

17:00  Trends in Oral Anticoagulant Therapy In Patients with None-Valvular Atrial Fibrillation in the Clalit Health Services HMO in Israel: Focus on Noval Oral Anti-Coagulants adoption  
Nahum Freedberg¹, Sophia Eilat-Tsanani², Alexander Feldman¹, Ofir Koren¹, Yoav Turgeman¹  
¹Cardiology Department, HaEmek Medical Center, Israel  
²Department of Family Medicine, Bar-Ilan University, Israel

17:10  Atrial Premature Complexes during Exercise Stress Testing and the Risk for the Development Atrial Fibrillation in Patients Undergoing Cardiac Rehabilitation  
Arwa Younis, Eyal Nof, Ariel Israel, Ilan Goldenberg, Avi Sabbag, Michael Glikson, Yael Peled, Eiass Massalha, Robert Klempfner, Roy Beinart  
Cardiology, Sheba Medical Center, Israel

17:20  Pulmonary Edema after Cardioversion of Atrial Fibrillation  
Ilia Davarashvili, Moshe Rav Acha, Rivka Farkash, Michael Glikson, Tal Hasin  
Cardiology, Shaare Zedek Medical Center, Israel

17:30  Effect of Digoxin Therapy on Patients with Atrial Fibrillation  
JaYanah Morad¹,², Ksynea Epstein², Iftach Sagy¹,², Victor Novack¹², Moti Haim²³  
¹Clinical Research Center, Soroka University Medical Center, Israel  
²Faculty of Health Sciences, Ben Gurion University of the Negev, Israel  
³Electrophysiology and Pacemakers Unit, Soroka University Medical Center, Israel

17:40  Contact Free Technology to Identify Atrial Fibrillation  
Anat Milman¹, Noa Pasternak², Eitan Segal², Zvika Shinar², Yoav Michowitz¹  
¹Department of Cardiology, Tel Aviv Medical Center and Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Please Select, Israel  
²EarlySense, EarlySense Ltd., Israel

17:50  Neutrophil to Lymphocyte Ratio Is Associated with Increased Risk of New Atrial Fibrillation among Asymptomatic Middle Age Adults  
Anat Berkovitch, Arwa Younis, Yechezkel Sidi, Shay Kivity, Shlomo Segev, Ilan Goldenberg, Elad Maor  
Leviev Heart Center, Sheba Medical Center, Israel
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<tr>
<th>Time</th>
<th>Session</th>
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<th>Authors</th>
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<tr>
<td>16:00</td>
<td>S14 - Comprehensive Cardiac Imaging</td>
<td>Quantifying Pathologic Left Ventricular Hypertrophy by Mismatch of</td>
<td>Ashraf Hamdan¹, Mithal Nassar¹, Daniel Monakier¹, Abid Assali¹, Gideon Shafir², Hana Vaknin-Assa¹, Israel Barbash³, Orly Goitein⁴, Ran Kornowski¹, Ehud Schwammenthal³</td>
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<td>Coronary Artery Blood Volume to Myocardial Mass</td>
<td>¹Cardiology Department, Rabin Medical Center, Israel ¹²Radiology Department, Rabin Medical Center, Israel ³Cardiology, Sheba Medical Center, Israel ⁴Radiology Department, Sheba Medical Center, Israel</td>
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<td>16:10</td>
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<td>Prognostic Implications of Small Left Atria on Hospitalized Patients</td>
<td>Zach Rozenbaum¹, Galit Aviram³, Yoav Granot², David Pereg⁴, Gad Keren¹, Shlomo Berliner², Yan Topilsky¹ ¹Cardiology, Tel Aviv Medical Center, Affiliated to the Sackler faculty of Medicine, Tel Aviv University, Israel ²Internal Medicine, Tel Aviv Medical Center, Affiliated to the Sackler faculty of Medicine, Tel Aviv University, Israel ³Radiology, Tel Aviv Medical Center, Affiliated to the Sackler faculty of Medicine, Tel Aviv University, Israel ⁴Cardiology, Meir Medical Center, Kfar Saba, Israel</td>
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<td>16:20</td>
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<td>Prevalence of Myocardial Bridging in Patients with Hypertrophic</td>
<td>Mithal Nassar¹, Daniel Monakier¹, Gideon Shafir¹, Ziad Arow², Ran Kornowski¹, Ashraf Hamdan¹ ¹Cardiology, Rabin Medical Center, Israel ²Internal medicine, Rabin Medical Center, Israel ³Radiology, Rabin Medical Center, Israel</td>
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<td>Cardiomyopathy: A Coronary Computed Tomography Study</td>
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<td>Post Pulmonary Vein Isolation: A Computed Tomography Study</td>
<td>Cardiology, Rabin Medical Center, Israel</td>
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<td>16:40</td>
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<td>Prevalence of Myocardial Crypts in the Hypertrophied Heart: a</td>
<td>Ziad Aro, Mithal Nassar, Daniel Monakier, Tamir Bental, Gideon Shafir, Abid Assali, Hana Vaknin-Assa, Ran Kornowski, Ashraf Hamdan  Department of Cardiology, Rabin Medical Center, Israel</td>
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<td>Computed Tomography Study</td>
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16:50 The Role of Left Ventricular Circumferential Rotation in Functional Mitral Regurgitation Mechanism
Daniel Mann¹, Tal Hasin¹, Naama Bogot², Max Godfrey¹, Aryeh Shalev³, Shemi Carasso⁴, Michael Welt¹, Michael Glikson¹, Arik Wolak¹
¹Department of Cardiology, Shaare Zedek Medical Center, Israel
²Department of Radiology, Shaare Zedek Medical Center, Israel
³Department of Cardiology, Soroka University Medical Center, Israel
⁴Department of Cardiology, Baruch Padeh Medical Center, Israel

17:00 Pilot Measurements of Coronary Flow Reserve (CFR) and Comparison to Myocardial Perfusion Imaging (MPI) using Dynamic and Gated Stress/Rest ¹²³Tc-SESTAMIBI CZT-SPECT
Alexander Krakovich¹, Israel Moalem³, Alexei Naimushin³, Eli Rozen³, Mickey Scheinowitz¹, Ronen Goldkorn²,³
¹Department of Biomedical Engineering, Tel Aviv University, Israel
²Sakler School of Medicine, Tel Aviv University, Israel
³The Leevir Heart Center, Sheba Medical Center, Tel Hashomer, Israel

16:00-18:00 S15 - Joint Session: AFICARDIO – Endocarditis
Chairs: Azaria Rein, Amiram Nir, Israel

16:00 Diagnostic and Treatment of Atrioventricular Blocks On Foetus Exposed to Auto Immune Antibodies of His Mother
Zeev Perles
Israel

16:30 Congenital Aortic Disease. Which Differences with Adult Cardiopathy (Tolerance, Treatment, Pregnancy Project)
Laurence Iserin
France

17:00 Cardiac Interventions on Foetus
Saqui Gavri
Israel

17:30 Tetralogy of Fallot in Adulthood: Indications for Re-Evaluation
Marielle Gouton
France
TUESDAY, APRIL 24, 2018

16:00-18:00  S16 - Joint Session with Israel Society Of Cardiothoracic Surgery (ISCTS) & Society of Cardiothoracic Surgeons of South Africa (SAACTS)
Chair: Gil Bolotin, Yanai Ben-Gal, Israel, Jacques Scherman, South Africa
ENG Hall 4 - Be’er-Sheva

16:00  Implications of the ART Trial for CABG in 2018
David Taggart
Oxford University, Oxford, UK

16:10  Anatomical and Clinical Considerations of Valve Selection During Surgical AVR for Future Successful TAVI Valve in Valve
Danny Dvir
Canada

16:20  Using Regionalized Thoracic Organ Recovery and Technology to Increase Heart and Lung Transplantation and Improve Outcomes
Hassan Tetteh¹, Preben Brandenhoff², Robert Higgins³
¹Surgery, Uniformed Services University of the Health Sciences, Maryland, USA
²Surgery, Johns Hopkins University, Maryland, USA
³Cardiothoracic Surgery, University of Copenhagen, Copenhagen, Denmark

16:30  Simulation Training in Cardiothoracic Surgery: An Essential Requirement for Future Training Programs?
Francis E Smit, Jehron Pillay
Cardiothoracic Surgery, University of the Free State, Free State, South Africa

16:40  Biological Tissue Alternatives for Africa
Francis E Smit, Leana Laker, Lezelle Botes, Hans van den Heever, Dreyer Bester
Cardiothoracic Surgery, University of the Free State, Free State, South Africa

16:50  Redo Minimally Invasive Off-Pump Coronary Artery Bypass Surgery in Off-Pump Era
Doosang Kim
Thoracic and Cardio-vascular Surgery, Veterans Health Service Medical Center, South Korea

17:00  Open Heart Surgery in Patients with Autoimmune Diseases – A 1-Year, Single Center Experience
Branislav Stojkovic¹, Ivan Stojanovic¹, Predrag Milojevic¹, Vera Maravic-Stojkovic¹, Milorad Borzanovic¹, Milica Miljkovic², Milovan Bojic¹
¹Cardiac Surgery, Dedine Cardiovascular Institute, Serbia
²Biochemistry, School of Pharmacy, Serbia
17:10  New Long-Term Data Show Improved Survival and Lower Rates of Stroke and Pump Thrombosis for HM 3 Heart Pump  
Nir Uriel  
University of Chicago Medical Center, Chicago, IL, USA

17:20  Distribution and Results in Redo Cardiac Surgery  
Oren Lev-Ran, Menachem Matsa, Shlomo Yaron Ishay, Mahmud Abu Salah, Leonid Ruderman, Dan Abrhamov, Gideon Sahar  
Cardiothoracic Surgery Department, Soroka Medical University Center, Beer Sheva, Israel

17:30  Predicting Fluid Responsiveness Using Passive Leg Raising Early After Left Ventricular Assist Device Implantation - A Prospective Study  
Eilon Ram¹, Daniil Dourov³, Haim Birkenstadt², Jacob Lavee¹, Yigal Kassif¹, Yael Peled-Potashnik⁴, Dina Kogan¹, Sergey Preisman², Ehud Raanani¹, Alexander Kogan¹  
¹Department of Cardiac Surgery, Sheba Medical Center, Israel  
²Anesthesia, Sheba Medical Center, Israel  
³Anesthesia, The Baruch Padeh Medical Center, Israel  
⁴Department of Cardiology, Sheba Medical Center, Israel

17:40  Evaluating a Bioprosthetic Anterior Mitral Valve Leaflet Made from Autologous Jugular Vein and Expanded Polytetrafluoroethylene (ePTFE) Chordae in a Sheep Model  
Jacques T. Janson  
Cardiothoracic Surgery, Stellenbosch University, Tygerberg, South Africa
08:00-10:00  S17 - Interventional Cardiology: Joint Session with Israel Society of Cardiothoracic Surgery (ISCTS)
Chairs: Haim Danenberg, Leonid Sternik, Israel  
ENG  HEB  Hall A -Tel Aviv

08:00  Efficacy and Safety of New Generation Transcatheter Aortic Valves: Insights from the Israeli Transcatheter Aortic Valve Implantation Registry

¹Cardiology, Sourasky Tel Aviv Medical Center, Israel
²Sackler Faculty of Medicine, Tel Aviv University, Israel
³Cardiology, Rabin Medical Center, Israel
⁴Cardiology, Sheba Medical Center, Israel
⁵Cardiology, Hadassah Hebrew University Medical Center, Israel

08:10  The Impact of Heart Team Discussion on Decision Making for Coronary Revascularization in Patients with Multivessel Coronary Artery Disease. Something New is Happening
Eli Yohanan, Louise Kezerle, Avshalom Cohen, Miri Merkin, Rosenstein Gabriel, Yaron Ishay, John Mark Weinstein, Yuri Kalishian, Gideon Sa’ar, Doron Zahger, Carlos Cafri
Cardiology, Soroka Medical Center, Israel

08:20  Real-Life Outcomes of Diabetic Patients Undergoing Surgical or Percutaneous Revascularization for Multi-Vessel Coronary Artery Disease
Eilon Ram¹, Ilan Goldenberg³, Yigal Kassif⁶, Amit Segev², Jacob Lavee¹, Nir Shlomo², Ehud Raanani¹
¹Department of Cardiac Surgery, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel
²Department of Cardiology, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel

08:30  Efficacy and Safety of Left Atrial Appendage Occlusion Device Implantation (Watchman) for High Risk Patients
Dan Haberman, Igor Volodarsky, Moshe Swissa, Liaz Zilberman, Jacob Geroge, Michael Jonas
Department of Cardiology, Kaplan Medical Center, Israel
WEDNESDAY, APRIL 25, 2018

08:40  Percutaneous Valve-in-Valve implantation for the Treatment of Aortic, Mitral and Tricuspid Structural Bioprosthetic Valve Degeneration  
Pablo Codner¹, Uri Landes¹, Abid Assali², Ram Sharoni², Hana Vaknin-Assa¹, Katia Orvin¹, Amos Levi¹, Yaron Shapira¹, Shmuel Schwartzenberg¹, Ashraf Hamdan¹, Tamir Bental¹, Alik Sagie¹, Ran Kornowski¹  
¹Cardiology Department, Rabin Medical Center & Sackler Faculty of Medicine - Tel Aviv University, Petah Tikwa, Israel  
²Cardio-thoracic Surgery Department, Rabin Medical Center & Sackler Faculty of Medicine - Tel Aviv University, Petah Tikwa, Israel

08:50  Supra Annular Versus Annular Trans-Catheter Aortic Valve Implantation in Patients with Small Aortic Valve Anatomy: Does it Really Matter?  
Meir Tabi, Yaron Almagor, Jonathan Balkin, Rami Jubeh, David Rosenmann, Rivka Farkash, Carmit Ben Ami, Rafael Wolff  
Cardiology, Shaare Zedek Medical Center, Israel

09:00  Outcomes of Surgical Aortic Valve Replacement in Patients Discussed in the Trans-Catheter Aortic Valve Replacement Heart Team  
Reut Shavit¹, Yaron Shapira², Alexander Sagie², Abed Assali², Hana Vaknin-Assa², Katia Orvin¹, Ashraf Hamdan², Pablo Codner², Uri Landes², Amos Levi², Yoav Hammer², Eitan Snir¹, Dan Aravot¹, Ran Kornowski², Ram Sharony¹  
¹Department of Cardiothoracic Surgery, Rabin Medical Center, Israel  
²Department of Cardiology, Rabin Medical Center, Israel

09:10  Left Atrial Pressure and Predictors of Survival after Percutaneous Mitral Paravalvular Leak Closure  
Elad Maor¹², Claire Raphael³, Sidakpal Panaich³, Mohamad Alkhouli³, Allison Cabalka³, Donald Hagler³, Peter Pollak³, Guy Reeder³, Mackram Eleid³, Charanjit Rihal³  
¹The Olga & Lev Leviev Heart Center, Sheba Medical Center, Israel  
²Sackler School of Medicine, Tel Aviv University, Israel  
³Department of Cardiovascular Disease, Mayo Clinic, Minnesota, USA

09:20  MitraClip Therapy in Patients with Acute Severe Mitral Regurgitation  
Anna Turyan, Ivaylo Tonchev, Ilgar Tahioglu, Chaim Lotan, Dan Gilon, David Planer, Haim D. Danenberg, Ronen Beeri, Mony Shuvy  
Heart Institute, Hadassah Hebrew University Medical Center, Israel

09:30  Trans-Catheter Aortic Valve Implantation using the ACURATE Neo Valve – Single Center Experience with Mid-Term Follow Up  
Meir Tabi, Yaron Almagor, Jonathan Balkin, Rami Jubeh, David Rosenmann, Rivka Farkash, Carmit Ben Ami, Rafael Wolff  
Cardiology, Shaare Zedek Medical Center, Israel
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09:40    Innovation in TAVI: Safer and Better
        Stephen Brecker
        St. George’s University Hospitals NHS London, UK

08:00-10:00 S18 - Echocardiography in Valvular Surgery - More Than Pretty Pictures
        Chairs: Dan Gilon, Oz Shapira, Yaron Shapira, Israel

08:00-18:15 Surgical Approaches to Mitral Valve Repair
        Marc Gillinov
        Cleveland Clinic, Cleveland, OH, USA

08:15-08:45 Preoperative Echo Assessment of Mitral Disease
        Ronen Beeri
        Israel

08:45-08:55 Mitral Valve Repair with Trans-Apical off-Pump Neochord Technique: Hemodynamic Effects, Morbidity and Mortality
        Sergei Amunts¹, Alexander Lipey¹, Ori Vaturi², Shany Levin Levin¹,
        Ehud Raanani¹
        ¹Cardiac Surgery, Sheba Medical Center, Tel Hashomer, Tel-Aviv University, Israel
        ²Cardiological department, Sheba Medical Center, Tel Hashomer, Tel-Aviv
        University, Israel

08:55-09:05 Late Outcomes of Mitral Valve Repair in Infective Endocarditis Compared to Repair of Degenerative Mitral Valve Without Endocarditis
        Hillit Cohen, Leonid Sterink, Alexander Lipey, Alexander Kogan,
        Sergei Amontz, Raphael Kupershtein, Shani Levin, Ehud Raanani
        Cardiothoracic Surgery, Tel Aviv University, Israel, Israel

09:05-09:15 Long-Term Outcomes of Tricuspid Valve Repair or Replacement in Patients Undergoing Mitral Valve Replacement for Reumatic Mitral Valve Disease with Severe Tricuspid Regurgitation
        Ram Sharony¹,³, Alexander Sagie²,³, Yaron Shapira²,³, Mordehay Vaturi²,³,
        Tamir Bental³, Shani Kaptzon¹, Shmuel Schwartzenberg¹,³, Ran Kornowski²,³,
        Dan Aravot¹,³
        ¹Department of Cardiothoracic Surgery, Rabin Medical Center, Israel
        ²Department of Cardiology, Rabin Medical Center, Israel
        ³Sackler Faculty of Medicine, Tel Aviv University, Israel
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09:15-09:25  Sildenafil for the Treatment of Pulmonary Hypertension in the Early Postoperative Period after Mitral Valve Surgery
Eilon Ram¹, Leonid Sternik¹, Eyal Nachum¹, Robert Klempfner², Dina Kogan¹, Michael Eldar², Ilan Goldenberg², Ehud Raanani¹, Alexander Kogan¹
1Department of Cardiac Surgery, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel
2Department of Cardiology, Leviev Cardiothoracic and Vascular Center, Sheba Medical Center, Israel

09:25-09:35  Evaluation of Immediate and Long-Term Results of Mitral Valve Plasty by Echocardiography
Aleksey Novikov, Marina Uimanova, Igor Borisov
The Center of Cardiovascular Surgery, P.V. Mandryka Central Military Clinical Hospital, Russian Ministry of Defense, MO, Russia

09:35-09:45  Long-Term Outcomes of 717 Consecutive Patients Treated with Transcatheter Aortic Valve Implantation and Propensity Score Matched-Analysis of Early Versus New Generation Valves
Amos Levi³, Uri Landes³, Abid R Assaf⁴, Hana Vaknin-Assa³, Pablo Codner³, Ashraf Hamdan³, Yaron Shapira³, Shmuel Schwartztenberg³, Ram Sharony³, Katia Orvín³, Leor Perl³, Mordechai Vaturi³, Alexander Sagie³, Ran Kornowski³
³Cardiology, Rabin Medical Center, Israel
¹Sackler Faculty of Medicine, Tel Aviv University, Israel

09:45-10:00  Panel Discussion

08:00-10:00  S19 - Hot Topics in Pacing and Electrophysiology
Chairs: Jorge Schliamser, Moshe Swissa, Israel

08:00  The Approach for Transcatheter Aortic Valve Implantation as a Predictor of Subsequent Need for Permanent Pacemaker Implantation
Guy Rozen¹,², Seyed Mohammadreza Hosseini, Yitschak Biton², M. Ihsan Kaadan², E. Kevin Heist², Moussa Mansour², Jeremy Ruskin²
¹Cardiovascular Institute, Baruch Padeh Medical Center, Israel
²Cardiac Arrhythmia Service, Massachusetts General Hospital, Massachusetts, USA

08:10  The Utility of Prophylactic Pacemaker Implantation in Patients withPre-TAVI RBBB
Sevan Letourneau-Shesaf, Oholi Tovia Brodie, Aviram Hochstadt, Arie Steinvil, Raphael Rosso, Ariel Finkelstein, Yoav Michowitz
Cardiology, Tel-Aviv Sourasky Medical Center, Israel
08:20  Single Lead AV Sequential Pacing for Acquired Atrioventricular Block During TAVI Procedures
Asaf Danon¹, Arie Militianu¹, Jorge S Schliamser¹, William K Chan,
William K Chan², Sheldon M Singh, Sheldon M Singh²
¹Electrophysiology unit, Cardiology department, Carmel Medical Center, Israel
²Cardiology/Electrophysiology, Sunnybrook Health Sciences Centre, University of
Toronto, Ontario, Canada

08:30  Recovery of Conduction in Patients Implanted with Permanent
Pacemakers Post Transcutaneous Aortic Valve Replacement is Common
Hillel Steiner, Lisa Manevich, Michael Geist, Olga Benko, Svetlana Katsovich,
Vladimir Turkisher, Zev Halfin, Valentin Witzling, Doron Menachemi, Yoseph
Rozenman
Department of Cardiology, The Edith Wolfson Medical Center, Israel

08:40  Transvenous Lead Extraction with Laser Reduces Need for Femoral
Approach but Not Complications or Success Rates
Arwa Younis¹, David Luria³, Roy Beinart¹, Michael Glikson², Eyal Nof¹
¹Cardiology, Sheba Medical Center, Israel
²Cardiology, Shaare Zedek Medical Center, Israel
³Cardiology, Hadassah Medical Center, Israel

08:50  Initial Experience with Hybrid Lead Extraction
Yair Elitzur¹, Ori Wald², Amit Korach², Uzi Yizhar², Ayelet Shauer¹, Oz Shapira²,
Ehud Rudis², Mohamad Afifi¹, David Orenstein¹, Ahmed Hadieh¹, David Luria¹
¹Department of Cardiology, Hadassah Medical Center, Israel
²Department of Cardiothoracic Surgery, Hadassah Medical Center, Israel

09:00  Competing Risks for Ventricular Tachyarrhythmias Prior to Death in
Patients with Severely Impaired Renal Function with an Implantable
Defibrillator
Ido Goldenberg¹, Tal Mor¹, Eyal Nof¹, Mahmoud Suleiman⁴, Arwa Younis¹,
Anat Berkovitch¹, Alon Bareshehet³, Moshe Swissa², Roy Beinart¹
¹Cardiology, Sheba Medical Center, Israel
²Cardiology, Kaplan Medical Center, Israel
³Cardiology, Rabin Medical Center, Israel
⁴Cardiology, Rambam Medical Center, Israel
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09:10  Developing a Risk Score to Predict Mortality in the First Year After ICD implantation. Data from the Israeli ICD Registry
Roman Nevzorov\(^1\), Ilan Goldenberg\(^2\), Yuval Konstantino\(^3\), Gregory Golovchiner\(^4\), Boris Strasberg\(^6\), Mahmoud Souleiman\(^5\), Vladimir Khalameizer\(^6\), Ron Sela\(^7\), Shimon Rosenheck\(^8\), Nahum A. Freedberg\(^9\), Michael Geist\(^10\), Natalie Gabrielyov-Yusim\(^11\), Diklah Geva\(^11\), Michael Glikson\(^12\), Moti Haim\(^3\)
\(^1\)ICCU, Barzilai University Medical Center
\(^2\)Cardiology Department, Sheba Medical Center, Israel
\(^3\)Electrophysiology and Pacing Unit, Soroka University Medical Center, Israel
\(^4\)Electrophysiology and Pacing Unit, Rabin Medical Center, Israel
\(^5\)Electrophysiology and Pacing Unit, Rambam Health Care Campus, Israel
\(^6\)Electrophysiology and Pacing Unit, Barzilai University Medical Center, Israel
\(^7\)Electrophysiology and Pacing Unit, Galilee Medical Center, Israel
\(^8\)Electrophysiology and Pacing Unit, Meir Medical Center, Sackler Faculty of Medicine, Tel Aviv University
\(^9\)Electrophysiology and Pacing Unit, HaEmek Medical Center, Israel
\(^10\)Electrophysiology and Pacing Unit, Edith Wolfson Hospital, Israel
\(^11\)Cardiac Research Center, Sheba Medical Center, Israel
\(^12\)Electrophysiology and Pacing Unit, Sheba Medical Center, Israel

09:20  Routine Use of Screw-In Electrodes for Temporary Pacing in Emergent Cases
Ran Eliaz, Ivaylo Tonchev, Yair Elitzur, Ayelet Shauer, David Luria
The Heart Institute, Hadassah Medical Center, Hebrew University, Ein Kerem, Israel

09:30  High Yield of Tilt-Test with Isoproterenol as a Second Provocation in Tilt-Negative and Nitroglycerine Negative Syncope Patients
Alexey Naimushin\(^1\), Ekaterina Naimushin\(^2\), David Bar-Lev\(^3\), Michael Glikson\(^3\)
\(^1\)Leviev Heart Center, Sheba Medical Center, Israel
\(^2\)Faculty of Medicine, Hebrew Univercity, Israel
\(^3\)Jesselon Integrated Heart Center, Shaare Zedek Medical Center, Israel

09:40  The Role of Thorough Clinical Evaluation in Inherited Arrhythmia Clinic in the Prevention, Diagnosis and Prognosis of Non Ischemic Sudden Cardiac Death
Miry Blich, Hodaya Oron, Wisam Darawsha, Mahmoud Suleiman, Lior Gepstein, Monther Boulos
Cardiology, Rambam Health Care Campus, Israel
09:50  Gender Differences in Patients with Brugada Syndrome and Arrhythmic Events: Data from the Survey on Arrhythmic Events in 678 Patients With Brugada Syndrome (SABRUS)

Anat Milman¹, Jean-Baptiste Gourraud², Antoine Andorin², Pieter G. Postema³, Frederic Sacher⁴, Philippe Mabo⁵, Giulio Conte⁶, Carla Giustetto⁷, Georgia Sarquella-Brugada⁸, Aviram Hochstadt⁹, Sung-Hwan Kim¹⁰, Jimmy JM Juang¹¹, Shingo Maeda¹², Yoshihide Takahashi¹², Tsukasa Kamakura¹³, Takeshi Aiba¹³, Eran Leshem¹.¹⁴, Yoav Michowitz¹, Michael Rahkovich¹.¹⁵, Yuka Mizusawa³, Elena Arbolo¹⁶, Zhengrong Huang¹⁷, Isabelle Denjoy¹⁸, Yanushi D. Wijeyeratne¹⁹, Carlo Napolitano²⁰, Ramon Brugada²¹, Ruben Casado-Arroyo²², Jean Champagne²³, Leonardo Calo²⁴, Jacob Tfelt-Hansen²⁵, Silvia G. Prior²⁰, Masahiko Takagi²⁶, Christian Veltmann²⁷, Pietro Delise²⁸, Domenico Corrado²⁹, Elijah R. Behr¹⁹, Fiorenzo Gaita⁷, Gan-Xin Yan³⁰, Josep Brugada¹⁶, Antoine Leenhardt¹⁸, Arthur A.M. Wilde³, Pedro Brugada⁶, Kengo F. Kusano¹³, Kenzo Hirao¹², Gi-Byoung Nam³¹, Vincent Probst², Bernard Belhassen

¹Department of Cardiology, Tel Aviv Medical Center and Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
²L’institut du Thorax, Service de Cardiologie, CHU de Nantes, Nantes, France
³Heart Centre AMC, Department of Clinical and Experimental Cardiology, AMC, University of Amsterdam, Amsterdam, The Netherlands
⁴Hôpital Cardiologique du Haut-Lévêque & Université Bordeaux, LIRYC Institute, Bordeaux, France
⁵Cardiology and Vascular Disease Division, Rennes University Health Centre, Rennes, France
⁶Heart Rhythm Management Centre, UZ-VUB, Brussels, Belgium
⁷Division of Cardiology, University of Torino, Department of Medical Sciences, Città della Salute e della Scienza Hospital, Torino, Italy
⁸Pediatric Arrhythmias, Electrophysiology and Sudden Death Unit Cardiology, Department Hospital Sant Joan de Déu, Barcelona - Universitat de Barcelona, Spain
⁹Tel-Aviv Medical Center, Tel Aviv, Department of Internal Medicine J, Israel
¹⁰Division of Cardiology, Department of Internal Medicine, College of Medicine, The Catholic University of Korea, Seoul, South Korea
¹¹Cardiovascular Center and Division of Cardiology, Department of Internal Medicine, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan
¹²Heart Rhythm Center, Tokyo Medical and Dental University, Tokyo, Japan
¹³Division of Arrhythmia and Electrophysiology, Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center, Osaka, Japan
¹⁴Beth Israel Deaconess Medical Center, Boston, Massachusetts, USA
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15 Arrhythmia Services, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
16 Cardiology Department, Cardiovascular Institute, Hospital Clinic and IDIBAPS, Barcelona, Catalonia, Spain
17 Department of Cardiology, the First Affiliated Hospital of Xiamen University, Xiamen, Fujian, China
18 Service de Cardiologie et CNMR Maladies Cardiaques Héréditaires Rares, Hôpital Bichat, Paris, and Université Paris Diderot, Sorbonne, Paris, France
19 Cardiovascular Sciences, St. George’s University of London and Cardiology Clinical Academic Group St. George’s University Hospitals NHS Foundation Trust, London, UK
20 Molecular Cardiology, Istituti Clinici Scientifici Maugeri IRCCS, Pavia, Italy
21 Cardiovascular Genetics Center, University of Girona-IDIBGI, Girona, Spain; Medical Science Department, School of Medicine, University of Girona, Girona, Spain; Centro de Investigación Biomédica en Red de Enfermedades Cardiovasculares (CIBERCV), Madrid, Spain
22 Department of Cardiology, Erasme University Hospital, Université Libre de Bruxelles, Brussels, Belgium
23 Quebec Heart and Lung Institute, Quebec City, Canada
24 Division of Cardiology, Policlinico Casilino, Roma, Italy
25 Department of Forensic Medicine, Faculty of Medical Sciences, University of Copenhagen, Denmark
26 Division of Cardiac Arrhythmia, Kansai Medical University Medical Center, Moriguchi, Japan
27 Rhythmology and Electrophysiology, Department of Cardiology, Hannover Medical School, Hannover, Germany
28 Division of Cardiology, Hospital of Peschiera del Garda, Veneto, Italy
29 Department of Cardiac, Thoracic and Vascular Sciences University of Padova, Padova, Italy
30 Lankenau Medical Center, Wynnewood, Pennsylvania, USA
31 Division of Cardiology, Department of Internal Medicine, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Africa
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08:00-10:00  S20 - Joint Session with Society of Cardiovascular Computed Tomography (SCCT): Cardiac CT
Chairs: Stephan Achenbach, Germany, Ashraf Hamdan, Israel

08:00 Top Ten Papers in Cardiac CT Ever
Stephan Achenbach
Friedrich-Alexander-Universität Erlangen Nürnberg, Germany

08:20 Differences in Valve Morphology and Aortopathy between Patients with Bicuspid and Tricuspid Aortic Valves: A Computed Tomography Study
Mithal Nassar¹, Brodov Yafim⁴, Gidon Perlman⁵, Abid Assali¹, Haim Danenberg⁵, Gideon Shafir²,³, Noam Friedman³, Hana Vaknin-Assa¹, Katia Orbin¹, Pablo Codner¹, Ran Kornowski¹, Ashraf Hamdan¹
¹Cardiology, Rabin Medical Center, Israel
²Radiology, Rabin Medical Center, Israel
³Medical Student, Rabin Medical Center, Israel
⁴Cardiology, Sheba Medical Center, Israel
⁵Cardiology, Hadassa Medical Center, Israel

08:30 Iliofemoral Artery Volume Assessment with 3D Computed Tomography and Vascular Complications Risk of Patients Undergoing Transfemoral Transcatheter Aortic Valve Implantation
Yoav Hammer¹,², Uri Landes¹,², Oren Zusman¹,², Abid Assali¹,², Katia Orvin¹,², Amos Levi¹,², Hanna Vaknin-Assa¹,², Yaron Shapira¹,², Pablo Codner¹,², Ram Sharoni¹,², Alexander Sagie¹,², Ashraf Hamdan¹,², Ran Kornowski¹,²
¹Cardiology department, Rabin medical center, Beilinson campus, Israel
²Sackler School of Medicine, Tel Aviv University, Israel

08:40 Utility of Cardiac Computed Tomography Scanning in the Diagnosis and Pre-Operative Evaluation of Patients with Infective Endocarditis
Katia Orvin¹, Victor Rubchevsky², Mordehay Vaturi, Mithal Nassar¹, Ram Sharony², Danny Aravot³, Alex Sagie¹, Yaron Shapira¹, Ran Kornowski¹, Ashraf Hamdan¹
¹Cardiology, Rabin Medical Center, Israel
²Cardiothoracic Surgery, Rabin Medical Center, Israel

08:50 Prognostic Value of Coronary Artery Blood Volume to Myocardial Mass Mismatch in Patients with Hypertrophic Cardiomyopathy
Mithal Nassar¹, Daniel Monakier¹, Ziad Arow¹, Gideon Shafir², Ran Kornowski¹, Ashraf Hamdan¹
¹Cardiology, Rabin Medical Center, 49100, Israel
²Radiology, Rabin Medical Center, 49100, Israel
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09:00 Prevalence and Clinical Outcomes of Left Atrial Appendage Filling Defect In Patients Undergoing Transcatheter Aortic Valve Replacement
Yishay Szekely1, Haim Shmilovich1, Ariel Finkelstein1, Shmuel Bazan1, Shmuel Banai1, Yaron Arbel1, Arie Steinvil1, Zach Rozenbaum1, Eihab Ghantous2, Amir Halkin1
1Division of Cardiology, Tel Aviv Sourasky Medical Center, Israel
2Internal Medicine I, Tel Aviv Sourasky Medical Center, Israel

09:10 Accuracy of Echocardiographic Visual Assessment of Aortic Valve Calcification –Comparison with Quantitative Calcium Score Analysis
Ariel Verbner1,2, Adi Butnaro1, David Rosenmann1, Naama Bogot1, Giora Weisz1, Michael Glickson1, Arik Wolak1,2
1Department of Cardiology, Shaare Zedek Medical Center, Israel
2Faculty of Medicine, The Hebrew University of Jerusalem, Israel

09:20 Additive Value of Evaluating Diastolic Function by CT Compared to Echo-Doppler
Jonathan Lessick, Hayley van der Veen, Diab Mutlak, Yoram Agmon, Sobhi Abadi
Cardiology, Rambam Medical Centre and Technion-IIT, Israel

08:00-10:05 S21 - Intensive Cardiac Care
Chairs: Zaza Iakobishvili, Arthur Pollak, Israel

08:00 Actual Treatment of the Pulmonary Embolism
Marcos Knobel
Albert Einstein Hospital, São Paulo, Brazil

08:15 New-Onset Atrial Fibrillation in Acute Myocardial Infarction: Predictors of Early vs. Late Atrial Fibrillation
Arthur Shiyovich1, Michal Axelrod2, Harel Gilutz2, Ygal Plakht2
1Cardiology, Rabin Medical Center, Israel
2Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel

08:25 The Significance of Early New Onset of Paroxysmal Atrial Fibrillation During Acute Myocardial Infarction
Michal Axelrod1, Harel Gilutz1, Dan Greenberg2, Ygal Plakht3, Lena Novack4
1Goldman School of Medicine, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel
2Department of Health Systems Management, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel
3Department of Nursing, Soroka University Medical Center and Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel
4Department of Public Health, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel
08:35  Peripheral Endothelial Function Predicts 1-Year Adverse Clinical Outcome in Patients with Chest Pain Hospitalized in the Emergency Department
Michael Shechter1,3, Shlomi Matetzky1,3, Megha Prasad6, Orly Goitein2,3, Ronen Goldkorn1,3, Michael Naroditsky1,3, Nira Koren-Morag3, Amir Lerman4
1Leviev Heart Center, Chaim Sheba Medical Center, Israel
2Diagnostic Imaging, Chaim Sheba Medical Center, Israel
3The Sackler Faculty of Medicine, Tel Aviv University, Israel
4Division of Cardiovascular Diseases, Mayo Clinic and College of Medicine, MN, USA

08:45  The Influence of Rocket Fire Alarms on Cardiac Events
Sivan Ben Tovim1, Neelie Ben Tovim2, Noam Zussman3, Rachel Axelrod4, Amir Orlev5, Tamar Wainstock6, Arthur Pollak5
1Faculty of Medicine, The Hebrew University Hadassah Medical School
2The National Economic Council, Israeli Prime Minister’s Office
3Research Department, The Bank of Israel
4The Department of Statistics, The Hebrew University of Jerusalem
5Heart Institute, Hadassah University Medical Center
6The Department of Public Health, Ben-Gurion University of the Negev

08:55  The Prognostic Value of Left Ventricular Ejection Fraction Upon Patients with Myocarditis.
Anan Younis, Shlomo Matetzky, Aias Masalha, Yoav Afel, Alex Fardman, Orly Goitein, Sagit Ben Zekry, Avishai Grupper, Roy Beigel
Cardiology, The Leviev Heart Center, Sheba Medical Center, Tel Hashomer and Sakler School of Medicine, Tel Aviv University, Tel Aviv, Israel, Israel

09:05  Dynamic Changes of Troponin and Creatinine Phosphokinase in Myocarditis (Myo-PACE Study)
Ofir Koren1,2, Inas Abu-Daud3, Ehud Rozner1, Lev Bloch1, Dante Antonelli1, Nahum Friedberg1, Yoav Turgeman1,2
1Heart Institute, Emek Medical Center, Israel
2Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Israel
3Internal Medicine C, Emek Medical Center, Israel

09:15  The Extent of Myocardial Damage Evaluated by Cardiac MRI in Patients with ST- Segment Elevation Myocardial Infarction: Predictors and Outcomes
Eyas Massalha, Orly Goitein, Israel Mazin, Ronen Goldkorn, Sharon Natanzon, Avishay Grupper, Roy Beigel, Shlomi Matetzky
Intensive Cardiac Care Unit, Cardiology, Leviev Heart Center, Chaim Sheba Medical Center, Israel, Israel
09:25  Predictors and Outcomes of Microvascular Obstruction in Cardiac MRI in Patients with ST-Segment Elevation Myocardial Infarction as a Marker of No-Reflow Phenomenon
Eyad Massalha, Orly Goitein, Israel Mazin, Elad Asher, Ronen Goldkorn, Fernando Chernomordik, Arwa Younis, Avishay Grupper, Roy Beigel, Shlomi Matetzky

09:35  Comparison of Platelet Inhibition in Patients with ST-Elevation Myocardial Infarction vs. non-ST Elevation Myocardial Infarction after a Loading Dose of Swallowed vs. Chewed Ticagrelor
Fernando Chernomordik, Elad Asher, Shir Tal, Amit Segev, Victor Guetta, Israel Barbash, Daniel Elian, Paul Fefer, Anan Younis, Israel Mazin, Roy Beigel, Shlomi Matetzky

09:45  Contemporary Prospective Registry of Pulmonary Embolism Patients Presenting to a Large Tertiary Medical Center
Roy Beigel, Sharon Natanzon, Lichay Kaufman, Orly Goitein, Liran Shechtman, Fernando Chernomordik, Sagit Ben-Zekery, Nir Shlomo, Yigal Kassif, Avishay Grupper, Shlomi Matetzky

09:55  Usefulness of the Pesi Score to Predict the Need for Escalation Therapy Among Intermediate Risk Pulmonary Emboli Patients
Sharon Shalom Natanzon, Shlomi Matetzky, Orly Goitein, Lichay Kaufman, Nir Shlomo, Fernando Chernomordik, Israel Mazin, Sagit Ben-Zekery, Yigal Kassif, Avishay Grupper, Roy Beigel

1Cardiology, Leviev Heart Center, Sheba Medical Center, Israel
2Diagnostic Imaging, Department of Diagnostic Imaging, Sheba Medical Center, Tel Hashomer, Israel
3Department of Cardiac Surgery, Department of Cardiac Surgery, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel
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<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Chair(s)</th>
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<tr>
<td>08:00-10:00</td>
<td><strong>S22 - Diversity in Myocardial Pathology</strong>&lt;br&gt;&lt;br&gt;Chairs: Michael Arad, Sorel Goland, Israel</td>
<td>HEB Hall J - Tiberias</td>
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<td>08:00</td>
<td><strong>Sub-acute vs. Late-Onset Presentation of Onco-therapy Related Cardiotoxicity: Predictors of Cardiac Function Recovery and Long-Term Outcome</strong>&lt;br&gt;<strong>Anan Younis, Dov Freimark, Robert Klempfner, Yael Peled, Yafim Brodov, Ilan Goldenberg, Michael Arad</strong>&lt;br&gt;<em>Cardiology, The Leviev Heart Center, Sheba Medical Center, Tel Hashomer and Sakler School of Medicine, Tel Aviv University, Tel Aviv, Israel</em></td>
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<td>08:10</td>
<td><strong>Impact of Short Acting Disopyramide on Left Ventricular Mechanics Evaluated by Strain Analysis in Patients with Hypertrophic Obstructive Cardiomyopathy</strong>&lt;br&gt;<strong>Idit Yedidya¹, Shemy Carasso³, Mordehay Vaturi², Alik Sagie³, Daniel Monakier²</strong>&lt;br&gt;¹Cardiology-Echo lab, Rabin Medical Center-Hasharon Hospital, Israel&lt;br&gt;²Cardiology-Echo lab, Rabin Medical Center-Beilinson Hospital, Israel&lt;br&gt;³Cardiology-Echo lab, Poriya Hospital, Israel</td>
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<td>08:20</td>
<td><strong>Clinical Characteristics and Outcomes of Adult Patients with Duchenne Muscular Dystrophy Followed in a Cardiomyopathy Clinic</strong>&lt;br&gt;<strong>Donna Zfat-Zwas¹, Esther-Lee Marcus², Orly Ezra¹, Ronen Durst¹, Israel&lt;br&gt;Gotsman¹, Sara Hoss¹, Yair Elizur¹, Andrei Keren¹³</strong>&lt;br&gt;¹Cardiology, Hadassah University Medical Center, Israel&lt;br&gt;²Independent Living Neighborhood, Alyn Hospital, Israel&lt;br&gt;³Heart Failure, Clalit Health Services, Israel</td>
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<td>08:30</td>
<td><strong>Low Serum BNP Predicts Malignant Etiology of Pericardial Effusion</strong>&lt;br&gt;<strong>Ali Nassar¹², Fabio Kusniec¹², Diab Ghanim¹², Wadi Kinany¹², Doron Sudarsky¹², Evgeni Hazanov¹², Offer Amir¹², Shemy Carasso¹²</strong>&lt;br&gt;¹Cardiovascular Institute, B Padeh Medical Center, Israel&lt;br&gt;²Azrieli Faculty of Medicine in the Galilee, Bar Ilan University, Israel</td>
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<td>08:40</td>
<td><strong>Lower Calculated Risk for Sudden Cardiac Death in Patients with Apical Versus Non-Obstructive Non-Apical Hypertrophic Cardiomyopathy</strong>&lt;br&gt;<strong>Osnat Itzhaki Ben Zadok¹², David Hasdai¹², Guy Witberg¹², Yaron Shapira¹², Mordehay Vaturi¹², Daniel Monakier¹²</strong>&lt;br&gt;¹Cardiology Department, Rabin Medical Center, Israel&lt;br&gt;²Sackler Faculty of Medicine, Tel Aviv University, Israel</td>
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08:50  **Tc**$^{99m}$ **PYP Scintigraphy to Diagnose Transthyretin Cardiac Amyloidosis in Patients with Non-ischemic Cardiomyopathy**

Igor Volodarsky$^1$, Yakov Fabrikant$^1$, Sara Shimoni$^1$, Irina Fuginferov$^1$, Liaz Zilberman$^1$, Shay Lifshitz$^1$, Sagí Tshori$^2$, Jacob George$^1$, Sorel Goland$^1$

$^1$Heart Center, Kaplan Medical Center, Israel
$^2$Nuclear Imaging Department, Kaplan Medical Center, Israel

09:00  **Assessment of Cardiotoxicity in Oncologic Patients Undergoing Active Anticancer Therapy by Whole-Body Bioimpedance Device**

Zaza Iakobishvili$^1$, Shaul Lev$^2$

$^1$Department of Cardiology, Golda hospital, Rabin Medical Center, Petah Tikva, Israel
$^2$Intensive Care Unit, Golda hospital, Rabin Medical Center, Petah Tikva, Israel

09:10  **Cancer Therapeutic Related Cardiac Dysfunction Among Active Breast Cancer Patients: A Cardio-Oncology Registry**

Michal Laufer Perl$^1$, Assi Milwidisky, Liat Mor, Dor Ravid, Nadav Amrami, Matthew Derakhshesh, Jack Sherez, Gad Keren, Yaron Arbel, Yan Topilsky

Cardiology, Tel Aviv Sourasky Medical Center, Israel

09:20  **Left Atrial Volume as a Biomarker of Target Organ Damage in Cardio-Nephrology: A Study in a Wide Range of Renal Function**

Zach Rozenbaum$^1$, Orit Kliuk Ben-Bassat$^2$, Tzahi Hadad$^3$, Moshe Iluz$^2$, Yoav Granot$^1$, Tomer Ziv-Baran$^2$, Yan Topilsky$^1$, Shlomo Berliner$^4$, Galit Aviram$^2$

$^1$Cardiology, Tel Aviv Medical Center, Tel Aviv. Affiliated to the Sackler Faculty of Medicine, Tel Aviv University, Israel
$^2$Radiology, Tel Aviv Medical Center, Tel Aviv. Affiliated to the Sackler faculty of Medicine, Tel Aviv University, Israel
$^3$Nephrology, Tel Aviv Medical Center, Tel Aviv. Affiliated to the Sackler faculty of Medicine, Tel Aviv University, Israel
$^4$Internal Medicine, Tel Aviv Medical Center, Tel Aviv. Affiliated to the Sackler faculty of Medicine, Tel Aviv University, Israel

09:30  **Participation of Elderly in Heart Failure Randomized Clinical Trials throughout the Last Decade**

Gregory Lacher$^1$, Brian Wolf$^3$, Harvey Schwartz$^1$, Ilya Litovchik$^{1,2}$, David Pereg$^{1,3}$, Gil Moravsky$^{1,2}$, Shmuel Fuchs$^{1,2}$, Sa’ar Minha$^{1,2}$

$^1$Sackler School of Medicine, Tel-Aviv University, Israel
$^2$Cardiology, Assaf-Harofeh Medical Center, Israel
$^3$Cardiology, Meir Medical Center, Israel
WEDNESDAY, APRIL 25, 2018

09:40 How to Predict and Prevent 30-Day Heart Failure Readmission
Michael Kleiner Shochat¹, Avraham Shotan¹, David S. Blondheim¹
Mark Kazatsker, Mark Kazatsker, Mark Kazatsker¹, Iris Dahan¹, Aya Asif³,
Yoseph Rozenman², Ilia Kleiner³, Jean Marc Weinstein³, Simcha R. Meisel¹
¹Heart Institute, Hillel Yaffe Medical Center, Hadera, Rappaport School of Medicine, Technion, Haifa, Israel
²Cardiovascular Institute, Wolfson Medical Center, Holon, Sackler Faculty of Medicine, Tel-Aviv University, Israel
³Cardiology Department, University Medical Center, Beer Sheva, Israel

09:50 The Vicious Cycle of Dyspnea and Heart Failure
Anna Faingersh-Klebanov¹, Shmuel Rispler², Eugenia Nikolsky², Yuval Cohen²,
Arthur Kerner², Sergey Yalonetsky², Amnon Eitan², Ariel Roguin², Amir Landesberg¹
¹Biomedical Engineering, Technion – Israel Institute of Technology, Israel
²Cardiology, Rambam Health Care Campus, Israel

08:00-10:00 S23 - Basic Science
Chairs: Lior Gepstein, Edith Hochhauser, Jonathan Leor, Israel

08:00 Electrophysiological Abnormalities in Patient-Specific LMNA-Mutated Induced Pluripotent Stem Cells-Derived Cardiomyocytes
Yuval Shemer¹, Shelly Naor¹, Lubna Willi¹, Ronen Ben Jehuda¹², Revital Schick¹,
Binyamin Eisen¹, Eloisa Arbustini³, Dov Freimark⁴⁵, Michael Arad⁴⁵, Ofer Binah¹
¹Ruth and Bruce Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Israel
²Department of Biotechnology, Technion – Israel Institute of Technology, Israel
³Center for Inherited Cardiovascular Diseases, IRCCS Foundation Policlinico San Matteo, Italy
⁴Sackler Faculty of Medicine, Tel Aviv University, Israel
⁵Leviev Heart Center, Sheba Medical Center, Israel
08:10  Functional Abnormalities in Induced Pluripotent Stem Cell-Derived Cardiomyocytes Generate from a Duchenne Muscular Dystrophy Patient and a Female Manifesting Carrier

Binyamin Eisen1, Ronen Ben Jehuda1,2, Ashley J. Cuttitta3, Lucy N. Mekies1, Lubna Willi1, Yuval Shemer1, Irina Reiter1, Ifat Abramovich1, Dov Freimark4,5, Mihaela Gherghiceanu6, Lorenzo Monserrat2, Daniel E. Michele3, Eyal Gottlieb1, Michael Arad4,5, Ofer Binah1

1Ruth and Bruce Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Israel
2Department of Biotechnology, Technion – Israel Institute of Technology, Israel
3Department of Molecular and Integrative Physiology, University of Michigan, Michigan, USA
4Sackler Faculty of Medicine, Tel Aviv University, Israel
5Leviev Heart Center, Sheba Medical Center, Israel
6Department of Pathology, Victor Babes National Institute of Pathology, Romania
7Clinical Department, Health in Code, Spain

08:20  The Role of Dual Loss-of-Function Mutations in the bZIP-Repressor Proteins, ATF3 and JDP2, in Cardiac Remodeling and Hypertrophy

Tom Friedman1,2, Roy Kalfon1, Ami Aronheim1

1The Rappaport Family Institute for Research in the Medical Science, Technion, Israel
2Cardiac Surgery, Rambam Health Care Campus, Israel

08:30  Electrophysiological and Functional Comparison of Atrial and Ventricular Engineered Heart Tissue Models Using Human Stem Cells Derived Cardiomyocytes

Idit Goldfracht1, Stephanie Protze2, Assad Shiti1, Amit Gruber1, Yulia Nartiss2, Gordon Keller2, Lior Gepstein1

1Rappaport Faculty of Medicine and Research Institute, Technion, Israel
2McEwen Centre for Regenerative Medicine, UHN, Ontario, Canada

08:40  Normal Mode Analysis of a Novel RYR2 Mutation in a Family with Recessively Inherited Ventricular Fibrillation Suggests a Dose Dependent Increase in Protein Flexibility

Ayelet Shauer1, Oded Shor1, Yair Elitzur1, Nataly Kucherenko2, Yulia Einav3, David Luria1

1Cardiology, Hadassah-Hebrew University, Please Select, Israel
2Biochemistry and Molecular Biology, Tel Aviv University, Israel
3Faculty of Engineering, Holon Institute of Technology, Israel
08:50  Modeling Glycogen Storage Diseases with Human Induced Pluripotent Stem Cells  
Inbar Budnitzky¹, Oren Feldman¹², Irit Huber¹, Idit Goldfracht¹,  
Leonid Maizels¹, Amira Gepstein¹, Gil Arbel¹, Hanna Mandel³, Lior Gepstein¹⁴  
¹Rappaport Faculty of Medicine and Research Institute, Technion- Israel Institute of Technology, Israel  
²Pediatrics, Rambam Medical Center  
³Metabolic-Unit, Rambam Medical Center  
⁴Cardiology, Rambam Medical Center

09:00  The Effect of Calcitriol on Endothelial Cellular Senescence  
Yeela Talmor-Barkan¹³, Yoav Hammer¹³, Dorit Leshem-Lev⁴, Elad Goldberg²³,  
Orit Uziel⁴, Ran Kornowski¹³, Eli Lev⁴  
¹Department of Cardiology, Rabin Medical Center, Israel  
²Department of Internal Medicine F, Rabin Medical Center, Israel  
³Sackler School of Medicine, Tel-Aviv University, Israel  
⁴FMRC, Felsenstein Medical Center, Israel

09:10  Optogenetic Modulation of Action-Potential Morphology in Human Induced Pluripotent Stem Cell Models  
Amit Gruber¹, Oded Edri¹, Assad Shiti¹, Naim Shaheen¹, Irit Huber¹, Gil Arbel¹,  
Amira Gepstein¹, Lior Gepstein¹⁵  
¹Rappaport Faculty of Medicine and Research Institute, The Technion, Israel  
²Department of Cardiology, Rambam Health Care Campus, Israel

09:20  PARP-1 Inhibition Attenuates Oxidative Stress and Hypertension in Diabetic Mice  
Maayan Waldman¹², Vadim Nudelman¹, Asher Shainberg¹, Nader G. Abraham⁴,  
Dan Aravot¹, Michael Arad², Edith Hochhauser¹  
¹Felsenstein Research Center. Rabin Medical Center, Sackler School of Medicine, Tel Aviv University, Israel  
²Leviev Heart Center, Sheba Medical Center and Sackler School of Medicine, Tel Aviv University, Israel  
³Life Sciences, Bar Ilan University, Israel  
⁴Department of Pharmacology, New York Medical College, New York, USA

09:30  Osteopontin Mediates Adhesion, Migration and Proliferation of Cardiac Progenitor Cells through the Chemokine Receptor CXCR4  
Philippe Bouaziz, Avishag Emanuelov, Suzan Salman, Jussi Leinonen,  
Chaim Lotan, Ronen Beeri  
Cardiovascular Rsch Center, Heart Institute, The Hebrew University Hadassah Medical Medical Center, Jerusalem, Israel
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<th>Time</th>
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<tr>
<td>09:40</td>
<td>A Novel Recessive Mutation in Cardiac Ryanodine Receptor 2 Causes Loss of Function, Leading to Ventricular Fibrillation and Sudden Death</td>
<td>Ayelet Shauer¹, Oded Shor¹, Yair Elitzur¹, Nataly Kucherenko², Yulia Einav³, David Luria¹</td>
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|       |                                                                         | ¹Cardiology, Hadassah-Hebrew University, Israel  
|       |                                                                         | ²Biochemistry and Molecular Biology, Tel Aviv University, Israel  
|       |                                                                         | ³Faculty of Engineering, Holon Institute of Technology, Israel  |
| 09:50 | A Working Model of Sarcomere Maintenance in Cardiomyocytes           | Yair Lewis¹, Anner Moskovitz¹, Michael Mutlak¹, Joerg Heineke², Lilac Caspi¹, Izhak Kehat¹³  |
|       |                                                                         | ¹The Rappaport Institute and the Bruce Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Israel  
|       |                                                                         | ²Experimental Cardiology, Klinik für Kardiologie und Angiologie, Medizinische Hochschule, Germany  
|       |                                                                         | ³Department of Cardiology and the Clinical Research Institute at Rambam, Rambam Medical Center, Israel  |
| 08:00-10:00 | S24 - Prevention of Heart Disease Cardiac Rehabilitation and Pharmacology | Chairs: Ophir Avizohar, Elad Asher, Israel  |
| 08:00 | Relationship between Fitness and Morbidity and Mortality in Patients after Revascularization | Ella Shaviv¹², Arwa Younis¹², Ilan Goldenberg¹², Nir Shlomo¹², Ariel Israel¹², Robert Klempfner¹²  |
|       |                                                                         | ¹The Leviev Heart Center, Sheba Medical Center, Israel  
|       |                                                                         | ²Sackler School of Medicine, Tel Aviv University, Israel  |
| 08:10 | Stroke Risk Stratification in Individuals with Atrial Fibrillation: Head to Head Comparison in a Population-Based Study | Meytal Avgil Tsadok¹, Adi Berliner Senderey¹, Orna Reges¹, Morton Leibowitz¹, Ran Balicer¹, Moshe Hoshen¹, Moti Haim¹²  |
|       |                                                                         | ¹Chief Physician Office, Clalit Research Institute, Clalit Health Services, Israel  
|       |                                                                         | ²Cardiology Department, Soroka Medical Center, Israel  |
| 08:20 | Efficacy and Safety of Exercise Training in Patients with Secondary Pulmonary Hypertension Undergoing Cardiac Rehabilitation | Ya’ara Paz², Arwa Younis¹², Ilan Goldenberg¹²³, Robert Klempfner¹²  |
|       |                                                                         | ¹The Leviev Heart Center, Sheba Medical Center, Israel  
|       |                                                                         | ²Sakler School of Medicine, Tel Aviv University, Israel  
|       |                                                                         | ³Heart Research Program, University of Rochester, NY, USA  |
08:30  Cardiovascular Disease in Survivors of Breast Cancer: A Case-Cohort Study
Hatam Hamood, MD1,2, Rola Hamood, MPH2, Ilya Merhasin, MA1, Lital Keinan-Boker, Lital Keinan-Boker, MD, PhD, MPH2,3
1Community Practice, Leumit Health Services, Northern Region, Israel
2School of Public Health, University of Haifa, Israel
3Israel Center for Disease Control, Ministry of Health, Israel

08:40  Clinical Characteristics and Outcomes of Severe and Extreme Hypertriglyceridemia in a Regional Health Service in Israel
Ayman Jubran1, Rawan Hijazi2, Chen Shapira3, Barak Zafrir1
1Department of Cardiovascular Medicine, Lady Davis Carmel Medical Center, Israel
2Faculty of Medicine, Technion, Israel Institute of Technology, Israel
3Haifa and Western Galilee District, Clalit Health Services, Israel

08:50  CHA2DS2-VASc Score and Exercise Capacity of Patients with Coronary Artery Disease Participating in Cardiac Rehabilitation Programs
Feras Haskiah1, Yacov Shacham2, Sa’ar Minha1, Zach Rozenbaum4, David Pereg5
1Department of Cardiology, Meir Medical Center, Kfar Saba, Israel
2Department of Cardiology, Sourasky Medical Center, Israel
3Department of Cardiology, Assaf-Harofeh Medical Center, Israel
4Department of Cardiology, Sourasky Medical Center, Israel
5Department of Cardiology, Meir Medical Center, Israel

09:00  High Variability in Tacrolimus through Levels is Associated with Rejections after Heart Transplantation
Itai Gueta1, Noa Markovits1, Havitzelet Bilavsky-Yarden1, Dov Freimark2, Jacob Lavee1, Ronen Loebstein1, Yael Peled2
1The Institute of Clinical Pharmacology, Sheba Medical Center, Tel Hashomer, Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
2Olga and Lev Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

09:10  Temporal Trends in the Incidence Sudden Cardiac Death
Mony Shuvy1,2, Maria Koh2, Feng Qiu2, Dennis Ko2
1Heart Institute, Hadassah Hebrew University Medical Center, Israel
2Sunnybrook Health Sciences Centre, University of Toronto, Department of Medicine, Schlich Heart Center, Ontario, Canada

09:20  Obesity, Fitness and the Risk of Incident Atrial Fibrillation in Healthy Adults
Arwa Younis1, Anat berkovich1, Yitzhak Sidi2, Shay Kivity2, Shlomo Segev3, Ilan Goldenberg1, Elad Mao1
1Cardiology, Sheba Medical Center, Israel
2Internal Ward A-C, Sheba Medical Center, Israel
3The Institute for Medical Screening, Sheba Medical Center
09:30  Angina Pectoris Severity among Patients with Pre-Existing Cardiovascular Disease is Associated with Subsequent Frailty in Late Life
Miri Lutzki4, Uri Goldburt1, Galit Weinstein3, David Tanne1,2
1Epidemiology and Preventive Medicine, Tel Aviv University, Israel
2Sagol NeuroloScience Center, Chaim Sheba Medical Center, Israel
3Faculty of Social Welfare and Health Sciences, School of Public Health, University of Haifa, Israel
4NR, Israeli Center for Disease Control, NR, Israel

09:40  Increased Risk of Ischemic Heart Disease and Mortality among FMF Patients – Perspective from a Big Database
Shmuel Tiosano1,2, Raz Shapira1,2, Omer Gendelman1,2, Doron Comaneshter3, Elon Pras2,4, Arnon Cohen3,5, Howard Amital1,2
1Internal Medicine B, Sheba Medical Center, Israel
2Sackler School of Medicine, Tel-Aviv University, Israel
3Chief Physician's office, Clalit Health Services, Israel
4The Danek Gertner Institute of Human Genetics, Sheba Medical Center, Israel
5Siaal Research Center for Family Medicine and Primary Care, Faculty of Health Sciences, Ben-Gurion University of the Negev, Israel

09:50  Elevated Plasma Levels of Galactin-3 in Women with Gestational Diabetes Mellitus, A New Surrogate for Cardiovascular Disease in Women?
Yeela Talmor-Barkan1,3, Chava Chezar-Azerrad2,3, Dorit Leshem-Lev4, Eran Hadar1,3, Ran Kornowski2,3, Avital Porter2,3
1Department of Gynecology, Rabin Medical Center, Israel
2Department of Cardiology, Rabin Medical Center, Israel
3Sackler School of Medicine, Tel-Aviv University, Israel
4Department of Cardiology, Felsenstein Medical Center, Israel
### Wednesday, April 25, 2018

<table>
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<tr>
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| 10:30-12:30| PL3 - Plenary Session III – 2nd Ceremony & Joint Session: American College of Cardiology (ACC) - Israel Heart Society (IHS)  
Chairs: Ran Kornowski, Ronen Rubinstein, Israel Heart Society (IHS)  
Ehud Raanani, Erez Kachel, Israel Society of Cardiothoracic Surgery (ISCTS)  
ENG Hall ABC - Jerusalem |
| 10:30-11:15| Scholarship & Awards of the Israel Heart Society  
   Jan J. Kellerman Young Investigator in Cardiology Award  
   Daniel Shiran Outstanding Cardiology Resident Award  
   Best Publications Awards  
Scholarship & Awards of the Israel Society of CardioThoracic Surgery |
| 11:15-12:30| Joint Session: American College of Cardiology (ACC) - Israel Heart Society (IHS)  
Chairs: Ran Kornowski, Michael Glikson, Israel Heart Society (IHS)  
Mary Walsh, Richard Kovacs, American College of Cardiology (ACC)  
ENG |
| 11:15-11:30| CHIP Complex High Risk Interventional Procedures  
Ron Waksman  
*MedStar Washington Hospital Center, Washington, USA* |
| 11:30-11:45| Adult Congenital Heart Disease: Improving Outcomes- Can it be Done?  
Ariane Marelli  
*McGill University Health Center, Montreal, Quebec, Canada* |
| 11:45-12:00| Treatment of Acute Heart Failure  
Mary Walsh  
*Immediate Past President, American College of Cardiology, Indianapolis, IN, USA* |
| 12:00-12:15| Cardio Vascular Diseases Among Women: Is There Still a Gender Bias?  
Avital Porter  
*Rabin Medical Center, Petach Tikva, Israel* |
| 12:15-12:30| Is Sports Cardiology Ready to be a New Subspecialty?  
Richard Kovacs  
*Incoming President-Elect, American College of Cardiology, Indianapolis, IN, USA* |
WEDNESDAY, APRIL 25, 2018

12:30-14:00  LS5 - Lunch Session Sponsored by Bayer
Integrated Cardiovascular Risk Management: Anticoagulation In The Multi-Morbid Patients – Challenges And Opportunities  Hall H - Haifa

12:30  Lunch - First and Main Course

12:50  Efficacy and Safety of Noval Oral Anticoagulants in Patients with Renal Dysfunction and Atrial Fibrillation: Real World Data from a Prospective Multicenter Registry  
Ilan Goldenberg  
Israel

13:05  Managing Atrial Fibrillation in Patients with Diabetes Mellitus  
Shaul Atar  
Israel

13:20  The NOAC use in ACS  
Shlomi Matetzky  
Israel

13:35  Panel Discussion  
Chair: Doron Zahger, Israel  
Panel Members: Shlomi Matetzky, Shaul Atar, Ilan Goldenberg, Israel

13:50  Q & A

12:30-14:00  LS6 - Lunch Session Sponsored by AstraZeneca  
DAPT Beyond One Year in High Risk Patients Post MI  Hall I - Zefat

12:30  Lunch - First and Main Course

12:45  Opening and Case Presentation  
Yoseph Rozenman  
Israel

12:55  Cons: High Risk Patients Post MI Should Not Continue DAPT Beyond a Year  
Eli Lev  
Israel

13:15  Pros: High Risk Patients Post MI Need Continuous DAPT Beyond a Year  
Gabriel Steg  
France

12:30  Panel Discussion  
Chair: Yoseph Rozenman, Israel  
Panel members: Gabriel Steg, France, Eli Lev, Israel
WEDNESDAY, APRIL 25, 2018

12:30-14:00  LS7 - Lunch Session Sponsored By Novo Nordisk
Reducing the Risk for Cardiovascular Disease and Improving Outcomes in Diabetes
Chair: Ronen Rubinshtein, Israel

12:30  Lunch - First and Main Course

Introduction: Prof. Ronen Rubinshtein
Secretary General and Treasurer IHS
Director, Cardiovascular Imaging Unit Carmel M.C

12:45-13:10  Diabetes and CV Disease: What is the Role of GLP-1 Receptor Agonist?
Dr. Verma Subodh
Professor University of Toronto, Canada
Research Chair (Tier 1) Cardiac Surgeon, St Michael's Hospital Chair, CardioLink Trials Platform, University of Toronto

13:10-13:35  Approach to Management and Real-World Cases of Diabetics with CVD
Dr. Roy Eldor
Director, Diabetes Unit, Institute of Endocrinology, Metabolism & Hypertension at the Tel Aviv Sourasky Medical Center

13:35-13:45  Q & A

14:00-15:30  PL4 - Plenary Session IV- Joint Session: American Heart Association (AHA)- Israel Heart Society (IHS)
Chairs: Ronen Rubinshtein, Doron Zahger, Israel Heart Society (IHS)
John Warner, American Heart Association (AHA)

14:00-14:15  The Changing Landscape of Cardiovascular Risk: Investing for the Best Returns on Population Health
John Warner
President, American Heart Association, Dallas, TX, USA

14:15-14:30  How to Optimize AF Diagnosis and Management
Mahmoud Suleiman
Cardiology, Rambam Medical Center, Israel

14:30-14:45  VAD for Severe Heart Failure Patients, State of the Art
Nir Uriel
University of Chicago Medical Center, Chicago, IL, USA

14:45-15:00  Israeli Innovation in Cardiovascular Medicine: The USA Perspectives
Ron Waksman
MedStar Washington Hospital Center, Washington, USA

15:00-15:15  Advancement in CAD prevention: Lessons from FH?
Ronen Durst
Israel
WEDNESDAY, APRIL 25, 2018

16:00-18:00 S25 - Anglo Israel Cardiovascular Symposium

ENG Hall H - Haifa

16:00-16:30 The Genomic of Sudden Death- Can we Predict Risk?
Elijah Behr
UK

16:30-17:00 Deciphering the Genetic Basis of Coronary Artery Disease - Progress and Clinical Translation
Nilesh Samani
UK

17:00-17:30 The Genetic of Valve Diseases of bav and mvp
Ronen Durst
Israel

17:30-18:00 Hypertrophic Cardiomyopathy - Etiological Workup
Michael Arad
Israel

16:00-18:00 S26 - Right Ventricle in the Spotlight

ENG Hall I - Zefat

16:00-16:15 Right Ventricular Diseases - Scope of the Problem
Lawrence Rudski
Canada

16:15-16:30 Echo Assessment of the Right Ventricle
Yan Topilsky
Israel

16:30-16:45 CT and MRI Assessment of the Right Ventricle
Ashraf Hamdan
Israel

16:45-17:00 RV Failure Following Mechanical Circulatory Support
Nir Uriel
USA

17:00-17:15 Percutaneous Approaches to Tricuspid Regurgitations
Gidon Perlman
Israel
### WEDNESDAY, APRIL 25, 2018

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<td>17:15-17:30</td>
<td>Modern Approches to Pulmonary Arterial Hypertension</td>
<td>Neville Berkman, Israel</td>
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<td>17:30-18:00</td>
<td>Panel Discussion</td>
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<td>16:00-18:00</td>
<td>S27 - Fixing the Failing Heart: Surgical Options for Heart Failure Patients</td>
<td>Chairs: Erez Sharoni, Jacob Lavee, Israel</td>
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<td>16:00-16:15</td>
<td>Current and Future Surgical Options</td>
<td>Nir Uriel, USA</td>
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<td>16:15-16:30</td>
<td>ECMO Status in Israel 2018</td>
<td>Philip Biderman, Israel</td>
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<tr>
<td>16:30-16:45</td>
<td>Cardiology and Evaluation for Advanced Heart Failure Therapies</td>
<td>Tal Hasin, Israel</td>
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<td>16:45-17:00</td>
<td>LVAD</td>
<td>Ehud Jacobzon, Israel</td>
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<tr>
<td>17:00-17:15</td>
<td>Heart Transplant</td>
<td>Jacob Lavee, Israel</td>
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<td>17:15-17:25</td>
<td>Improved Long-Term Outcomes after Heart Transplantation Utilizing Donors with Traumatic Mode of Brain Death</td>
<td>Yael Peled, Yigal Kassif, Alexander Kogan, Yedael Har-Zahav, Eyal Nachum, Dov Freimark, Jacob Lavee</td>
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<td>17:25-17:35</td>
<td>Donor-Recipient Ethnic Matching Impacts Short and Long-Term Results of Heart Transplantation</td>
<td>Yael Peled¹, Ron Loewenthal¹, Eugenia Raichlin², Itai Gueta¹, Arwas Younis¹, Yigal Kassif³, Yedael Har-Zahav¹, Eyal Nachum¹, Dov Freimark³, Ilan Goldenberg¹, Jacob Lavee¹</td>
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¹Heart Transplantation Unit, Sheba Medical Center, Tel-Hashomer and Sackler School of Medicine, Tel Aviv University, Israel
²Cardiology Department, Loyola University Medical Center, Maywood, IL, USA
16:00-18:00  S28 - Best Oral Presentation Competition

Chair: Ron Waksman, USA
Judges: Eli Lev, Michael Glikson, Ronen Beeri, Israel

16:00  Comparison of Platelet Inhibition in Patients with ST-Elevation Myocardial Infarction vs. non-ST Elevation Myocardial Infarction after a Loading Dose of Swallowed vs. Chewed Ticagrelor
Fernando Chernomordik\textsuperscript{1,2}, Elad Asher\textsuperscript{1,2}, Shir Tal\textsuperscript{1,2}, Amit Segev\textsuperscript{1,2}, Victor Guetta\textsuperscript{1,2}, Israel Barbash\textsuperscript{1,2}, Daniel Elian\textsuperscript{1,2}, Paul Fefer\textsuperscript{1,2}, Anan Younis\textsuperscript{1,2}, Israel Mazin\textsuperscript{1,2}, Roy Beigel\textsuperscript{1,2}, Shlomi Matetzky\textsuperscript{1,2}
\textsuperscript{1}Leviev Heart Center, Sheba Medical Center, Israel
\textsuperscript{2}Sackler Faculty of Medicine, Tel Aviv University, Israel

16:12  Transcatheter Aortic Valve Implantation Futility Risk Model: From the 4-Sites Israeli TAVI Registry
Oren Zusman\textsuperscript{1,5}, Uri Landes\textsuperscript{1,5}, Israel Barbash\textsuperscript{2,5}, Ariel Finkelstein\textsuperscript{4,5}, Haim Danenberg\textsuperscript{1,6}, Amit Segev\textsuperscript{2,5}, Victor Guetta\textsuperscript{2,5}, Katia Orvin\textsuperscript{1,5}, Abid Assali\textsuperscript{1,5}, Alon Barsheshet\textsuperscript{1,5}, Ran Kornowski\textsuperscript{1,5}
\textsuperscript{1}Department of Cardiology, Rabin Medical Center, Please Select, Israel
\textsuperscript{2}Department of Cardiology, Chaim Sheba Medical Center, Israel
\textsuperscript{3}Department of Cardiology, Hadassah Hebrew University Medical Center, Israel
\textsuperscript{4}Department of Cardiology, Tel-Aviv Sourasky Medical Center, Israel
\textsuperscript{5}Sackler Faculty of Medicine, Tel-Aviv University, Please Select, Israel
\textsuperscript{6}Faculty of Medicine, Hebrew University of Jerusalem, Israel

16:24  Net Clinical Benefit of Anticoagulant Treatments in Elderly Patients with Non-Valvular Atrial Fibrillation
Hilmi Alnsasra\textsuperscript{1}, Moti Haim\textsuperscript{1}, Orna Reges\textsuperscript{2}, Ran Balicer\textsuperscript{2}, Morton Leibowitz\textsuperscript{2}, Moshe Hoshen\textsuperscript{2}, Meytal Avgil-Tsadok\textsuperscript{2}
\textsuperscript{1}Cardiology Department, Soroka Medical Center, Israel
\textsuperscript{2}Research Institute, Clalit Health Services, Israel

16:36  Effects and Safety of Beta-Blocker Withdrawal Among Patients Undergoing Transcatheter Aortic Valve Replacement
Arwa Younis\textsuperscript{1}, Katia Orvin\textsuperscript{3}, Eyal Nof\textsuperscript{1}, Israel Babash\textsuperscript{1}, Victor Guetta\textsuperscript{1}, Anat Berkovitch\textsuperscript{1}, Paul Fefer\textsuperscript{1}, Amit Segev\textsuperscript{1}, Michael Glikson\textsuperscript{2}, Abid Assali\textsuperscript{3}, Hana Vaknin\textsuperscript{3}, Ran Kornowski\textsuperscript{3}, Roy Beinart\textsuperscript{1}
\textsuperscript{1}Cardiology, Sheba Medical Center, Israel
\textsuperscript{2}Cardiology, Shaare Zedek Medical Center, Israel
\textsuperscript{3}Cardiology, Rabin Medical Center (Billinson), Israel
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16:48  Efficacy and Safety of New Generation Transcatheter Aortic Valves: Insights from the Israeli Transcatheter Aortic Valve Implantation Registry
Zach Rozenbaum1,2, Ariel Finkelstein1,2, Arie Steinvil1,2, Amir Halkin1,2, Shmuel Banai1,2, Israel Barbash2,4, Amit Segev2,4, Victor Guetta2,4, Haim Danenberg3, Katia Orvin2,3, Hana Vaknin Assa2,3, Abid Assali2,3, Ran Kornowski2,3
1Cardiology, Sourasky Tel Aviv Medical Center, Israel
2Sackler Faculty of Medicine, Tel Aviv University, Israel
3Cardiology, Rabin Medical Center, Israel
4Cardiology, Sheba Medical Center, Israel
5Cardiology, Hadassah Hebrew University Medical Center, Israel

17:00  Right Ventricle Remodeling Patterns in Severe Tricuspid Regurgitation-Insight from a Longitudinal Study
Oran Tzuman1, Gil Marcus3, Itzhak Vitkon-Barkay3, Dov Wexler2, Simon Biner2, Gadi Keren2, Zvi Vered3, Sa’ar Minha3, Yan Topilsky2
1Cardiology Division, Assuta Ashdod University Hospital, Israel
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17:12  Oral Abstract Submission Award Ceremony

18:00-19:00  Annual General Assembly of the Israel Heart Society and Israel Cardiology Association