



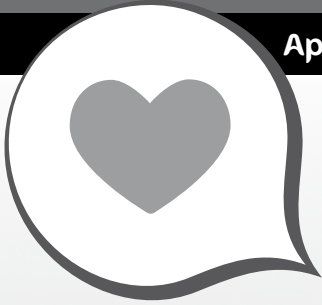
האיגוד הישראלי לכירורגית לב וחזה
THE ISRAEL SOCIETY OF CARDIOTHORACIC SURGERY

האיגוד הקרדיולוגי בישראל
ISRAEL HEART SOCIETY



The 62nd Annual Conference of the Israel Heart Society
in association with **the Israel Society of Cardiothoracic surgery**

April 13-14, 2015, Tel Aviv, Israel



Scientific Program



Monday, April 13, 2015

07:00-08:15	Registration	
07:00-08:15	Cardiovascular Surgery, Workshops	
08:30-10:30	Parallel Sessions S1-S8	
08:30-10:30	S1 - Joint Session: L'Association Franco-Israelienne de Cardiologie (AFICARDIO) - Israel Heart Society: Perspectives in Aortic Valve Diseases	<i>Hall A</i>
	Chairs: Claude Vaislic, France, Chaim Lotan, Israel	
08:30	Natural History of Aortic Stenosis	
	David Messika-Zeitoun, Paris, France	
09:00	Debate: Paravalvular Leak after TAVI - Any Degree of PVL is Significant and should be Avoided	
	Christophe Caussin, Le Plessis Robinson, France	
09:20	Debate: Paravalvular Leak after TAVI - Only Severe PVL is Significant	
	Haim Danenberg, Israel	
09:40	The Challenge of Paradoxical Low-flow Low-gradient Severe Aortic Stenosis	
	Yan Topilsky, Israel	
10:10	Discussion	
08:30-10:30	S2 - Coronary Interventions	<i>Hall B</i>
	Chairs: Moris Mosseri, Uri Rosenschein, Israel	
08:30	Prognosis of Patients with STEMI and Multi-vessel Disease Treated with PCI of the Culprit Artery without Significant Residual Ischemia on Non-Invasive Stress Testing	
	<u>Adaya Weissler-Snir</u> ^{1,2} , Chen Gurevitch ² , Gabi Grinberg ^{1,2} , Abid Assali ^{1,2} , Hana Vaknin Assa ^{1,2} , Tamir Bental ^{1,2} , Adi Lador ^{1,2} , Hagai Yavin ^{1,2} , Leor Perl ^{1,2} , Ran Kornowski ^{1,2} , Eli Lev ^{1,2}	
	¹ Cardiology, Rabin Medical Center, ² Sackler Faculty of Medicine, Tel-Aviv University, Israel	
08:40	The CHA2DS2VASC Score: a Good and Simple Tool to Predict Adverse Outcomes - Analysis of 11472 Consecutive PCI Patients	
	<u>Tamir Bental</u> ^{1,2} , Abid Assali ^{1,2} , Eli I Lev ^{1,2} , Gabriel Greenberg ^{1,2} , Hana Vaknin-Assa ^{1,2} , Ran Kornowski ^{1,2}	
	¹ Cardiology Department, Rabin Medical Center (Beilinson and Golda/Hasharon hospitals), Petach Tikva, ² Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel	



- 08:50 **Effects of Prasugrel Pre-treatment on Angiographic Myocardial Perfusion Parameters in Patients with STEMI Undergoing Primary PCI**
Leor Perl, Liat Sasson, Adaya Weissler-Snir, Gabriel Greenberg, Hana Vaknin-Assa, Ran Kornowski, Abid Assali, Eli Lev
Cardiology, Rabin Medical Center, Petach Tikva, Israel
- 09:00 **The Effect of Coronary Artery Disease Severity and Revascularization Completeness on Two Years Clinical Outcomes in Patients Undergoing Transcatheter Aortic Valve Implantation**
Guy Witberg¹, Emmanuel Harari², Pablo Codner¹, Katia Orvin, Katia Orvin¹, Ifat Lavi¹, Abid Assali¹, Hana Vaknin-Assa¹, Ran Kornowski¹
¹*Department of Cardiology, Rabin Medical Center, Petach Tikva, Israel,*
²*Department of Medicine "E", Rabin Medical Center, Petach Tikva, Israel*
- 09:10 **Total Ischemic Time and Clinical Outcomes of Patients with STEMI Treated by PPCI**
Lubovich Alla¹, Evgeny Radzishovsky¹, Nemer Samnia¹, Ilan Goldenberg², Uri Rosenschein¹
¹*Cardiology, Bnai Zion Medical Center,* ²*Cardiology, Sheba Medical Center, Israel*
- 09:20 **Impact of Coronary Artery Calcification in STEMI Patients Undergoing Primary PCI**
Gabriel Greenberg, Ran Kornowski, Hana Vaknin Assa, Tamir Bental, Eeldad Rechavia, Eli Lev, Abid Assali
Cardiology, Rabin Medical Center, Petach-Tikva, Israel
- 09:30 **Drug Eluting Stenting of Bifurcation Lesions: A large Cohort**
Abid Assali, Hana Vaknin-Assa, Gabi Greenberg, Tamir Bental, Eli Lev, Ran Kornowski
Cardiology, Rabin Medical Center, Petach-Tikva, Israel
- 09:40 **Thrombus Aspiration during STEMI: A Propensity Analysis in a Large Real World Cohort**
Abid Assali, Hana Vaknin-Assa, Eli Lev, Gabi Greenberg, Eldad Rechavia, Tamir Bental, Ran Kornowski
Cardiology, Rabin Medical Center, Petach-Tikva, Israel
- 09:50 **The WIRION Embolic Protection Device during Saphenous Vein Graft (SVG) Intervention - First in Man Report**
Omer Sadeh¹, Arik Finkelstein², Amir Halkin², Alla Lubovitz³, Vardit Segal⁴, Uri Rosenschein, MD³
¹*Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa,* ²*Department of Cardiology, Tel-Aviv Medical Center, Affiliated to Sackler Faculty of Medicine, Tel-Aviv University, Tel Aviv,* ³*Department of Cardiology, Bnai-Zion Medical Center, Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa,* ⁴*Department of Biomedical Engineering, Technion Israel Institute of Technology, Haifa, Israel*

Monday, April 13, 2015

- 10:00 **PCI in Patients with Prior CABG: Longitudinal Trends Over 22-years**
Giora Weisz, Shuli Zilberman, Yaron Almagor, Jonathan Blakin, Adi Butnaru, Rivka Farkash, Dan Fink, Zahi Khuri, Marc Klutstein, Aharon Medina, David Meerkin, Ofer Merin, Mady Muriel, David Rosenmann, Dan Tzivoni, Daniel Bitran
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel
- 10:10 **Long Term Clinical Experiences Using the MGuard Stent**
Hana Vaknin Assa^{1,2}, Amos Levi^{1,2}, Abid Assali^{1,2}, Eli Lev^{1,2}, Gabi Greenberg^{1,2}, Ran Kornowski^{1,2}
¹*Interventional Cardiology, Rabin Medical Center, Petach Tikva,*²*The "Sackler" faculty of Medicine, Tel Aviv University, Tel Aviv, Israel*
- 10:20 **Maximal Sterile Barrier Precautions in the Cath Lab; is it Really Necessary to Use Head Coverings and Face Masks?**
Fabio Kuzniec¹, Avi Peretz², Diab Ganem¹, Daoud Latif¹, Nabeeh Salman¹, Dahud Qarawani¹, Roman Nevzorov¹, Offer Amir¹
¹*Cardiology, Baruch Padeh Medical Center, Bar Ilan University, Poriya,*
²*Microbiology, Baruch Padeh Medical Center, Bar Ilan University, Poriya, Israel*
-
- 08:30-10:30 **S3 - Clinical Electrophysiology** *Hall C*
Chair: Amos Katz, Israel
-
- 08:30 **T-Wave Morphology Changes in Response to Quick Standing: Diagnostic Value in Long QT Syndrome**
Ehud Chorin¹, Ofer Havakuk¹, Arie Steinvil¹, Arnon Adler¹, Uri Rozovski¹, Christian Van Der Werf², Pieter G. Postema², Raphael Rosso¹, Arthur A.M. Wilde², Sami Viskin¹
¹*Cardiology, Tel Aviv Sourasky Medical Center and Sackler School of Medicine, Israel*²*Cardiology, Academic Medical Center, Amsterdam, Netherlands*
- 08:45 **Phenotype Variability associated with Andersen Tawil Syndrome**
Eyal Nof¹, Ronit Cherki¹, Elena Burashnikov², Gabriel Caceres², Roy Beinart¹, Michael Eldar¹, Charles Antzelevitch², Michael Glikson¹
¹*Davidai Arrhythmia Center, Leviev Heart Institute, Sheba Medical Center, Ramat-Gan, Israel*
²*Experimental Cardiology, Masonic Medical Research Laboratory, Utica, New York, USA*
- 09:00 **Quinidine for the Treatment of Electrical Storm Complicating Advanced Left Ventricular Dysfunction: A Single-center Experience**
Abed Samara, Zaza Iakobishvili, Gregory Golovchiner, Boris Strasberg, David Hasdai
Cardiology, Rabin Medical Center, Petach Tikva, Israel



- 09:15 **A Prospective National Study of the Prevalence, Incidence, Management and Outcome of a Large Contemporary Cohort of Patients with Incident Non-valvular Atrial Fibrillation**
Moti Haim^{1,2}, Moshe Hoshen², Orna Reges², Yardena Rabi², Ran Balicer², Morton Leibowitz²
¹Cardiology, Soroka Medical Center, ²Clalit Health Care Research Institute, Clalit Health Care Research Institute, Tel Aviv, Israel
- 09:30 **Spontaneous Type 1 Brugada Pattern Only in the High Leads, as in the Standard Leads, is a Risk Factor for Total and Severe Cardiac Events**
Miry Blich¹, Danna Spears², Nicola Monteforte³, Raffaella Bloise³, Mirella Memmi³, Monther Boulos¹, Carlo Napolitano³, Silvia Priori³
¹Cardiology, Rambam Health Care Campus, Haifa, Israel
²Cardiology, Toronto General Hospital, Toronto, Canada
³Molecular Cardiology, IRCCS Salvatore Maugeri Foundation, Pavia, Italy
- 09:45 **Are there Gender-Related Differences in Management, and Outcome of Patients with Atrial Fibrillation? A Prospective National Study**
Yoav Arnon^{1,2,3}, Moshe Hoshen², Orna Reges², Ran Balicer², Morton Leibowitz², Moti Haim^{1,2,3}
¹Cardiology, Meir Medical Center, Kfar Sava, ²Research Institute, the Clalit Health Services, Tel Aviv, ³Tel Aviv University, Sackler Faculty of Medicine, Tel Aviv, Israel
- 10:00 **Presentation Treatment and Outcome of Patients with Atrial Fibrillation and Chronic Kidney Disease. A Prospective National Study**
Yoav Arnon^{1,5}, Hagai Weinberg^{2,5}, Moshe Hoshen³, Orna Reges³, Ran Balicer³, Morton Leibowitz³, Moti Haim^{1,4,5}
¹Cardiology Department, Meir Medical Center, Kfar Saba, ²Internal medicine "B", Meir Medical Center, Kfar Saba, ³Clalit Health Services Research Institute (CHRI), Clalit Health Services, Tel Aviv, ⁴Cardiology Department, Soroka University Medical Center, Beer Sheva, ⁵Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 10:15 **Long Term Prognosis of Primary Ventricular Fibrillation in ST-elevation Myocardial Infarction Patients Undergoing Percutaneous Coronary Intervention**
Guy Topaz², Arie Steinvil¹, Yacov Shacham¹, Sami Viskin¹
¹Cardiology Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, ²Internal Medicine D, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel

-
- 08:30-10:30 **S4 - Insights in Pediatric Cardiology** *Hall D*
Chairs: **Azaria Rein, Joseph Danieli, Israel**
-
- 08:30 **Strong Familial association with Congenital Heart Defects in the Negev Area of Israel**
Renana Robinson¹, Moshe Stavsky^{1,2}, Maayan Yitshak Sade^{1,2}, Viktoria Loffe^{1,3}, Eli Zalstein^{1,3}, Hanah Krimko^{1,3}, Victor Novack^{1,2}, Aviva Levitas^{1,3}
¹Faculty of Health Sciences, Ben-Gurion University of the Negev, ²Soroka Clinical Research Center, Soroka University Medical Center, ³Department of Pediatric Cardiology, Soroka University Medical Center, Israel
- 08:45 **Three-dimensional Rotational Angiography in the Assessment of Vascular and Airway Compression in Children after a Cavopulmonary Anastomosis**
Sharon Borik, Sabina Volodina, Rajiv Chaturvedi, Kyong Jin Lee, Lee N Benson
Pediatrics, Labatt Family Heart Centre, University of Toronto School of Medicine, Toronto, Canada
- 09:00 **Virtual Post Mortem in Stillbirth and New Born with Congenital Heart Defects -initial Experience**
Yishay Salem¹, Reuven Achiron², Liat Gindes², Jeffrey Jacobson³, Michal Berkenstet⁴, Orly Goitein³, David Mishali¹, Alain Serraf¹, Elio Disegni^{3,5}, Julious Hegesh¹, Eli Konen³
¹International Congenital Heart Center, Sheba Medical Center Tel Hashomer,, Israel, ²Obstetrics and Gynecology, Sheba Medical Center Tel Hashomer,, Ramat-Gan, ³Diagnostic Imaging, Sheba Medical Center Tel Hashomer,, Ramat-Gan, ⁴The Danek Gertner Institute of Human Genetics, Sheba Medical Center Tel Hashomer, Ramat-Gan, ⁵Heart Institute, Sheba Medical Center Tel Hashomer, Ramat Gan, Israel
- 09:15 **Rehabilitation of the Pulmonary Arteries at Catheterization Laboratory**
Joseph Danieli, Ihab Khatib, David Mishali, David Almelech, Yishay Salem, Alain Serraf
Pediatrics, Sheba Medical Center, Israel
- 09:30 **High-sensitivity Troponin T is a Strong Predictor of Morbidity and Mortality in the Pediatric Emergency Center**
Zeev Perles, Zohar Steinberg, Sagui Gavri, Julius Golender, Nurit Yaakobi, Azaria JTT Rein, Amiram Nir
Pediatric Cardiology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel



- 09:45 **Paracetamol Treatment of Patent Ductus Arteriosus in Preterm Infants/h2**
Eias Kassem¹, Eriz Nadir², Selvia Foldi², Amit Hochberg², Michael Feldman²
¹*Pediatric Cardiology, Hillel Yaffe Medical Center, Hadera,* ²*Premature Intensive Care Unit, Hillel Yaffe Medical Center, Hadera, Israel*
- 10:00 **A Novel, Simple Method for Reliably Determining and Documenting the Fetal Sidedness and Situs.**
Uriel Katz, Yshai Salem, Shai Tajman-Yarden, David Mishali, Alain Serraf, Amir Vardi
The Edmond J. Safra International Congenital Heart Center, Chaim Sheba Medical Center, Ramat-Gan, Israel
- 10:15 **Epidemiology of Valvular and Nonvalvular Congenital Heart Disease in a Large Teenage Cohort- interesting Demographic and Medical Relationships**
Daniel Fink, Rivka Farkash
Sheba Medical Center, Tel Hashomer, Israel
- 10:30 **Stent Implantation in the Pulmonary Arteries in Children Undergoing Staged Palliation. Fifteen Year Experience in the Cardiology Unit of Schneider Children`s Medical Center, Israel**
Sharon Brosilow¹, Elchanan Bruckheimer¹, Tamir Dagan¹, Gabriel Amir², George Frenkel², Einat Birk¹
¹*Section of Cardiology, Schneider Children`s Medical Center,* ²*Section of Cardiothoracic Surgery, Schneider Children`s Medical Center, Sackler School of Medicine at Tel Aviv, Israel*
-
- 08:30-10:30 **S5 - Cardiovascular Epidemiology** *Hall E*
Chairs: Haim Hammerman, Michael Shechter, Israel
-
- 08:30 **Coronary Artery Disease Risk among Obese Metabolically Healthy Young Adults**
Gilad Twig^{1,2}, Hertz G³, Dana Ben-Ami Shor², Estela Derzne¹, Dorit Tzur¹, Arnon Afek⁴, Amir Tirosh⁵
¹*Medical Corps, Israeli Defense Forces, Israel*
²*Department of Medicine B, Sheba Medical Center, Israel*
³*Division of Endocrinology & Metabolism, McMaster University & Hamilton Health Sciences, Canada*
⁴*Office of the General Manager, Israel Ministry of Health, Israel*
⁵*Division of Endocrinology & Metabolism, Sheba Medical Center, Israel*

- 08:42 **Trends in Adolescents Obesity and the association between BMI and Blood Pressure - A Cross-sectional Study in 714,922 Healthy Teenagers**
Ehud Chorin¹, Ayal Hassidim², Michael Hartal², Ofer Havakuk¹, Nir Flint¹, Tomer Ziv-Baran¹, Yaron Arbel¹
¹Department of Cardiology, Tel Aviv Sourasky Medical Center, ²Israel Defense Forces Medical Corps, Israel Defense Forces Medical Corps, Israel
- 08:54 **Impaired Cerebral Hemodynamics and Frailty in Patients with Pre-existing Atherosclerotic Disease**
Miri Lutski¹, Uri Goldbourt¹, David Tanne^{1,2}
¹Department of Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, ²Stroke Center, Sagol Neuroscience Center, Department of Neurology, The Chaim Sheba medical center, Tel- Hashomer, Israel
- 09:06 **Gender-related Risk for the Development of Cardiovascular Events in Health Middle-aged Adults**
Olga Perelshstein Brezinov, Shaye Kivity, Shlomo Segev, Yechezkel Sidi, Ilan Goldenberg, Elad Maor
The Olga and Lev Leviev Heart Center, Sheba Medical Center, Israel
- 09:18 **Cardiovascular Disease Knowledge and Health Behaviors in Ultra-orthodox Jewish Female Teachers**
Elisheva Leiter¹, Keren Greenberg¹, Milka Donchin^{1,2}, Maha Nubani¹, Sara Siemiatycki³, Chaim Lotan¹, Donna Zwas¹
¹Cardiology Department, Linda Joy Pollin Cardiovascular Wellness Institute for Women, Hadassah University Medical Center, Jerusalem, ²Hebrew University, Braun School of Public Health, Jerusalem, ³Bishvilaych Women's Health Organization, Bishvilaych Women's Health Organization, Israel
- 09:30 **Long Term Mortality in Hospital Survivors of Acute Myocardial Infarction: Comparison with Matched General Population**
Ygal Plakht¹, Harel Gilutz², Arthur Shiyovich³
¹Unit of Nursing Research, Soroka University Medical Center, faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, ²Cardiology, Soroka University Medical Center, faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, ³Medicine E, Beilinson Hospital, Rabin Medical Center, Petach Tikva, Israel
- 09:42 **Estimated Glomerular Filtration Rate within the Normal or Mildly Impaired Range and Incident, Newly Diagnosed, Non-valvular Atrial Fibrillation in the General Population**
Zaza Jakobishvili¹, Alon Eisen¹, Moti Haim¹, Ran Balicer², Orna Reges², Yardena Rabi², Morton Leibowitz², Moshe Hoshen², David Hasdai¹
¹Cardiology, Rabin Medical Center, Petah Tikva, ²Health Research Institute, Clalit Health Services, Tel Aviv, Israel



09:54 **Differences in Long-term Post-acute Myocardial Infarction (ami) Mortality among Israeli Jews**
Rachel Shvartsur¹, Ygal Plakht^{1,2}, Abed N Azab^{1,3}, Harel Gilutz^{1,3}
¹Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva,
²Unit of Nursing Research, Soroka University Medical Center, Beer-Sheva,
³Department of Cardiology, Soroka University Medical Center, Beer-Sheva, Israel

10:06 **Body Height and Cognitive Decline in Patients with Pre-existing Atherosclerotic Disease**
Uri Goldbourt¹, Miri Lutski¹, David Tanne^{1,2}
¹Department of Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, ²Department of Neurology, the Chaim Sheba medical center, Tel- Hashomer, Israel

10:18 **The Impact of Routine HbA1c Screening on the Prevalence of Diabetes Mellitus and Outcomes in Patients Undergoing Percutaneous Coronary Intervention**
Muhammad Abu Tailakh^{1,2}, Michal Friger¹, Doron Zahger^{1,3}, Efrat Mazor³, Aviel Sidi⁴, Victor Novack^{1,2,4}
¹Faculty of Health Sciences, Ben Gurion University of the Negev, ²Clinical Research Center, Soroka University Medical Center, ³Cardiology, Soroka University Medical Center, ⁴Division of Medicine, Soroka University Medical Center, Israel

08:30-10:30 **S6 - Insights in Heart Failure** Hall F
Chairs: Offer Amir, Avraham Shotan, Israel

08:30 **Cardiovascular Reserve Index (CVRI) - from a Hypothesis to a Measurable Index: Can CVRI Assess Severity of Hemodynamic Compromise?**
Uri Gabbay^{1,2}, Ben-Zion Bobrovsky³, Michael J. Segel^{1,4}, Ronen Durst⁵, Issahar Ben-Dov^{1,4}
¹Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, ²Quality Unit, Rabin Medical Center, Petach Tikva, ³School of Electrical Engineering - Systems, Tel Aviv University, Tel Aviv, ⁴Lung Institute, Sheba Medical Center, Rama-Gan, ⁵Cardiology, Hadassah Medical Center, Jerusalem, Israel

- 08:45 **Parametric Electrical Impedance (pEI): A Novel Method that Accurately Identifies Early Hemodynamic Changes, Prior to Development of Pulmonary Congestion**
Andre Keren^{1,2}, Shay Faitelzon², Shimon Abboud³, Lisa Deutsch², Israel Gotsman¹, Gerasimos Filippatos⁴, Philip Adamson⁵
¹Hadassah-Hebrew University Hospital, Jerusalem, ²CardioLogic Innovations, Neve Ilan, ³Department of Biomedical Engineering, Tel Aviv University, Israel
⁴Athens University Hospital, Attikon, Athens, Greece
⁵Oklahoma Heart Hospital; and the Oklahoma Foundation for Cardiovascular Research, Oklahoma City, Oklahoma, USA
- 09:00 **Mortality associated with Heart Failure after Myocardial Infarction: A Contemporary Community Perspective**
Yariv Gerber¹, Susan Weston², Maurice Enriquez-Sarano², Cecilia Berardi², Alanna Chamberlain², Sheila Manemann², Ruoxiang Jiang², Shannon Dunlay², Véronique Roger²
¹Epidemiology, Tel Aviv University, Israel, ²Health Sciences Research, Mayo Clinic, Minnesota, USA
- 09:15 **Association between Serum Levels of IgG4 and Dilated Cardiomyopathy**
Igor Volodarsky¹, Anamaria Anton¹, Irena Fugenfirov¹, Eran Neumark², Stephen Malnick¹, Yair Levy², Jacob George¹, Sorel Goland¹
¹Heart Institute, Kaplan Medical Center, Affiliated to the Hebrew University and Hadassah Medical School, Jerusalem, Rehovot, ²Department of Internal Medicine E, Meir Hospital, Kfar Saba, Israel
- 09:30 **Determinants of Effort Intolerance in Patients with Heart Failure: Combined Echo and Cardio-pulmonary Stress Protocol**
Jason Shimiaie¹, Galit Aviram², Yan Topilsky¹
¹Cardiology, Tel Aviv Medical Center, Tel Aviv, N/A, ²Radiology, Tel Aviv Medical Center, Tel Aviv, N/A, Israel
- 09:45 **Predictors of Long-term Mortality in Patients Hospitalized with a Primary vs. Secondary Diagnosis of Acute Heart Failure**
Aharon Erez¹, Robert Klempfner¹, Ilan Goldenberg¹, Avishay Alice²
¹Heart Institute, Chaim Sheba Medical Center, ²Internal Medicine C, Rabin Medical Center, Israel
- 10:00 **Impact of Intermittent Intravenous Inotropes in an Outpatient Setting on Quality of Life and Mortality in Patients with Advanced Chronic Heart Failure**
Fernando Chernomordik¹, Dov Freimark¹, Michael Arad¹, Shlomi Matetzky¹, Amir Peled², Ilan Goldenberg¹, Michael Shechter¹, Yael Peled¹
¹Leviev Heart Center, Sheba Medical Center, Tel Hashomer, ²Clalit Health Services, Lod, Central District, Israel



- 10:15 **Patients with Heart Failure and Preserved Systolic Function; What is the Cause for Their Symptoms?**
Shemy Carasso^{1,2}, Yevgeni Hazanov¹, Yussra Halahla¹, Nabih Salman¹, Diab Ghanem¹, Offer Amir^{1,2}
¹Cardiology, B Padeh Medical Center, Tiberias, ²Galilee Faculty of Medicine, Bar-Ilan University, Zfat, Israel
-
- 08:30-10:30 **S7 - ACS - Issues in Acute Management** Hall G
Chairs: Shaul Atar, Shlomi Matetzky, Israel
-
- 08:30 **Pre-hospital Management of Acute Coronary Syndrome in Israel (ACSIS 2013)**
Zaza Iakobishvili¹, Shlomi Matetzky², Avi Sabbag², Amit Segev², Shaul Atar³, Doron Zahger⁴, Ronny Alcalay⁵, Ilan Goldenberg², Nir Shlomo², David Hasdai¹
¹Cardiology, Rabin Medical Center, ²Cardiology, Sheba Medical Center, ³Cardiology, Western Galilee Hospital, ⁴Cardiology, Soroka Medical Center, ⁵Cardiology, Hadassah Medical Center, Mt Scopus, Israel
- 08:42 **Intervention Program to Reduce Time from Hospital Admission to Treatment in Patients with Acute ST Elevation Myocardial Infarction**
Basheer Karkabi¹, David Halon¹, Johnny Shahla¹, Sharon Alroy-Preis², Ronen Jaffe¹, Ronen Rubinshtein¹, Avinoam Shiran¹, Amnon Merdler¹, Nader Khader¹, Jacob Goldstein¹, Rafael Wolf¹, Chen Shapira³, Moshe Flugelman¹
¹Cardiology, Carmel Medical Center, Haifa, ²Quality Assurance Unit, Carmel Medical Center, Haifa, ³Institute Directory, Carmel Medical Center, Haifa, Israel
- 08:54 **Non-invasively and Invasively Managed Patients, With or Without Revascularization: Presentation, Management Outcome and Temporal Trends in Non-ST Elevation Myocardial Infarction: Results from the ACSIS Survey**
Alex Blatt^{1,3}, Avi Mizrahi^{1,3}, Eran Kalmanovich^{1,3}, Svetlana Brener^{1,3}, Meital Shlezinger^{2,3}, Zvi Vered^{1,3}, Hanoch Hod^{2,3}, Ilan Goldenberg^{2,3}, Gabby Elbaz-Greener
¹Cardiology, Assaf Harofeh Medical Center, Zerifin, ²Chaim Sheba Medical Center, The Heart Center, Tel Hashomer, ³Tel Aviv University, The Sackler Faculty of Medicine, Tel Aviv, Israel
- 09:06 **Gender Differences Affecting Outcome in Young Patients (55y) with Acute Coronary Syndromes**
Avi Sabbag¹, Shlomi Matetzky¹, Zaza Iakobishvili², Shmuel Gottlieb³, Avital Porter², Mady Moriel³, Ilan Goldenberg¹, Amit Segev¹
¹Cardiology, Chaim Sheba medical center, Tel Hashomer, Ramat-Gan, Please Select, ²Cardiology, Rabin Medical Center, Petach-Tikva, ³Cardiology, Shaare-Zedek Medical Center, Jerusalem, Israel

- 09:18 **Atrial Fibrillation in ACS: Characteristics, Prognosis and Management- Are Patients Receiving the Optimal Treatment?**
Gabby Elbez-Greener¹, Eran Kalmanovich¹, Svetlana Brener¹, Zvi Vered¹, Meital Shlezinger², Hanoch Hod², Ilan Goldenberg², Alex Blatt¹
¹Cardiology Department, Assaf Harofeh
²Heart center, Chaim Sheba Medical Center, Israel
- 09:30 **New Onset versus Known Atrial Fibrillation and Mortality in STEMI**
Lior Yankelson, Guy Topaz, Yacov Shacham, Liron Gershovitz, Arie Steinvil, Arie Roth, Gad Keren, Aric Finkelstain, Shmuel Banai, Yaron Arbel
Cardiology, Tel Aviv Sourasky Medical Center, Israel
- 09:42 **Contemporary Real World Use of Novel P2Y12 Inhibitors in Patients with an Acute Coronary Syndrome the Treatment Paradox**
Roy Beigel¹, Zaza Iakobishvili³, Nir Shlomo², Amit Segev¹, Guy Wintrob³, Doron Zahger⁴, Shaul Atar⁵, Ronnie Alcalai⁶, Shmuel Gottlieb⁷, Elad Asher¹, Ilan Goldenberg^{1,2}, Shlomi Matetzky^{1,2}
¹The Heart Institute, Sheba Medical Center, Tel Hashomer, ²Tel Aviv University, Neufeld Cardiac Research Institute, Tel Aviv, ³The Heart Institute, Rabin Medical Center, Petah Tikva, ⁴Intensive cardiac care unit, Soroka Medical center, Beer Sheva, ⁵The Heart Institute, Western Galilee Hospital, Nahariya, ⁶Cardiology, Hadassah-Hebrew University Medical Center, Jerusalem, ⁷Cardiology, Bikur Cholim Hospital, Jerusalem, Israel
- 09:54 **Incidence and Clinical Features of Early Stent Thrombosis in the Era of New P2Y12 Inhibitors (PLATIS-2)**
Elad Asher, Paul Fefer, Arsalan Abu-Much, Ehud Regev, Qasem Odeh, Arwa Younis, Eyas Massalha, Roy Beigel, Shlomi Matetzky
Leviv Heart Center, Sheba Medical Center, Israel
- 10:06 **Trends in Management, Morbidity and Mortality of Patients with Cardiogenic Shock in the Last Decade in Israel**
Eran Kalmanovich¹, Alex Blatt¹, Svetlana Brener¹, Meital Shlezinger², Zvi Vered¹, Hanoch Hod², Ilan Goldenberg², Gabby Elbaz-Greener¹
¹Department of Cardiology, Assaf Harofeh Medical center, Zerifin, ²The Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Israel
- 10:18 **Trend in Mortality Rates from Acute Coronary Syndrome in Octogenarian Patients in Israel during the Period 2000-2006 Compared to 2008-2013**
Michael Shechter, Ilan Goldenberg, Shlomi Matetzky, on behalf of the ACSIS investigators
Leviv Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Chaim Sheba Medical Center, Tel Hashomer and the Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel



08:30-10:30	S8 - Ami Cohen Award Competition Chairs: Gideon Sahar, Oz Shapira, Dani Bitran, Israel	<i>Hall H</i>
08:30	In Memory of Dr. Michael Davidson Sary F. Aranki, Boston, MA, USA	
08:35	Is Bilateral Internal Thoracic Artery Grafting Appropriate for Emergency Patients? <u>Avner Nevo</u> ¹ , Rephael Mohr ¹ , Amir Ganiel ¹ , Amir Kramer ¹ , Benjamin Medalion ² , Yosef Paz ¹ , Nachum Neshet ¹ , Dmitry Pevni ¹ , Yanai Ben-Gal ¹ ¹ <i>Dept. of Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center, Faculty of Medicine, Tel Aviv University, Tel Aviv,</i> ² <i>Dept. of Cardiothoracic Surgery, Rabin Medical Center, Petah Tikva, Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel</i>	
08:47	Frailty Index as an Adjunctive Tool for Surgical risk Assessment and Hospitalization Duration in OpenHeart Surgery Patients <u>Yaron Barac</u> ¹ , Efrat Kurtzswald-Josefson ¹ , Robert Klempfner ³ , Nir shlomo ³ , Victor Rubchevsky ¹ , Inbal Grossman ¹ , Irit Glik ¹ , Einat Kodesh ² , Batya Engel-Yeger ² , Sharony Ram, Eitan Snir, Philip Biderman, ¹ <i>The Cardiothoracic Department, Rabin Medical Center, Petach-Tikva,</i> ² <i>The Therapy Department, Faculty of Social Welfare and Health Sciences, Haifa University, Haifa,</i> ³ <i>The rehabilitation department, Sheba medical center, Ramat-Gan, Israel</i>	
08:59	TAVI vs. AVR: Is the Patient's Cognitive State Affected by the Number of Emboli as Detected by Transcranial Doppler Ultrasound? <u>Tom Friedman</u> ¹ , Ziv Beckerman ¹ , Rony-Reuven Nir ¹ , Avishai Ziser ² , Arthur Kerner ³ , Gil Bolotin ¹ ¹ <i>Department of Cardiac Surgery, Rambam Health Care Campus, and Faculty of Medicine, Technion-Israel Institute of Technology, Haifa,</i> ² <i>Anesthesia, Rambam Health Care Campus Technion, Haifa,</i> ³ <i>cardiology, Rambam Health Care Campus Technion, Haifa, Israel</i>	
09:11	Arterial Coronary Artery Bypass Grafting-is associated with Improved Long-term Survival in Elderly Patients. <u>Shimrit Eliyahu</u> , Benjamin Medalion, Rephael Mohr, Zvi Raviv, Amir Kramer, Nachum Neshet, Yanai Ben Gal, Yosef Paz, Dmitry Pevni <i>Cardiac Surgery Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel</i>	
09:23	Comparison Of Mid-term Outcome between Surgical Aortic Valve Replacement (SAVR) With Stent-less Bio-prosthesis and Trans-cutaneous Aortic Valve replacement-(TAVR) <u>Amit Gordon</u> ¹ , Dmitry Pevni ¹ , Rephael Mohr ¹ , Yanai Ben Gal ¹ , Arie Steinvil ¹ , Ariel Finkelstein ² , Amir Kramer ¹ ¹ <i>Cardiac Surgery Department, Tel-Aviv Sourasky Medical Center, Tel Aviv,</i> ² <i>Cardiology Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel</i>	

- 09:35 **Calcified Unclaspable Aorta Cases**
Sary F. Aranki
Boston, MA, USA
- 09:50 **Novel Emboli Protection System during Cardiac Surgery: A Multi-center, Randomized, Clinical Trial**
Gil Bolotin¹, Christoph Hans Huber², Liran Shani¹, Friedrich Wilhelm Mohr³, Thierry P. Carrel², Michael Andrew Borger³, Volkmar Falk⁴, David Taggart⁵, Rony-Reuven Nir¹, Lars Englberger², Joerg Seeburger³, Etem Caliskan⁴, Christoph Thomas Starck⁴
¹*Department of Cardiac Surgery, Rambam Health Care Campus, and Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel*
²*University Clinic for Cardiovascular Surgery, Inselspital, Bern, Swaziland,*
³*Heart Center Leipzig, University of Leipzig, Leipzig, Germany*
⁴*University Hospital, University Hospital Zurich, Zurich, Swaziland*
⁵*University of Oxford, University of Oxford, Oxford, UK*
- 10:02 **Innovative Surgical Sternal Closure Technique for Deep Sternal Wound Infection Post Open Heart Surgery**
Erez Kachel¹, Leonid Sternik¹, Eyal Ran Nachum¹, Ido Ferstenfeld¹, Yaron Moshkovits², Ehud Raanani¹
¹*Cardiac Surgery, Sheba Medical Center,* ²*Cardiac Surgery, Assuta Medical Center, Israel*
- 10:14 **Should We Perform More Surgical Pulmonary Embolectomies?**
Ziv Beckerman, Oved Cohen, Victor Kerzman, Zvi Adler, Zvi Peled, Gil Bolotin
Department of Cardiac Surgery, Rambam Health Care Campus, and Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel

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

11:00-12:30 **PL1- Plenary Session - Opening Ceremony** *Hall ABC*

Chairs: Yoseph Rozenman, Amit Segev, Israel Heart Society
Gil Bolotin, Erez Kachel, Israel Society of Cardio Thoracic Surgery

Opening Introduction:

Yoseph Rozenman - Israel Heart Society
Gil Bolotin - Israel Society of Cardio-Thoracic Surgery
Fausto J. Pinto - European Society of Cardiology
Kim A. Williams - American College of Cardiology
Elliott M. Antman - American Heart Association
Recognition of the Industry Round Table of the Israel Heart Society
Awarding of New Honorary Member of the Israel Heart Society- Gad Keren
Educational Special Award - Bradley Strauss
Fellowship Awards of the Israel Heart Society
Henry Neufeld Awards



Monday, April 13, 2015

12:00	Neufeld Memorial Lecture: Cardiovascular Imaging for Risk Stratification in Sudden Cardiac Death <u>Jeroen J. Bax</u> <i>Leiden, the Netherlands</i>	
12:30-14:20	Lunch & Lunch Sessions, Exhibition & E-Posters Visit	
12:30-14:30	Lunch - Annual Business Meeting of the Israeli Society of Cardiothoracic Surgery	<i>Gallery Hall</i>
12:30-14:20	LS1 - Lunch session - Sponsored by Pfizer	
	Practical Controversies in NOACs - 2015 Chair: Eli Lev	<i>Hall D</i>
	Atrial Fibrillation in the Elderly - Therapeutic Implications <u>Dan Atar</u> <i>Vice-President, European Society of Cardiology Oslo University Hospital, Ullevål, Norway</i>	
	Panel Members: Dan Atar, Michael Glikson, Batia Roth	
12:30-14:20	LS2 - Lunch session - Sponsored by AstraZeneca DAPT - The Longer the Better? Chair: Ran Kornowski	<i>Hall E</i>
	Can we Lower Ischemic Risk by Prolonging Dual Anti Platelet Therapy? <u>Doron Zahger</u> <i>Soroka Medical Center, Beer Sheva, Israel</i>	
	Panel Members: Doron Zahger, Shlomi Matetzky, Ilan Goldenberg	
12:30-14:20	LS3 - Lunch session - Sponsored by Medtronic Innovations in Cardiovascular Medicine- Detection, Prevention, and Treatment Chairs: Victor Guetta, Natan Bornstein	<i>Hall F</i>
	Detection and Evaluation of "Silent" Atrial Fibrillation of Patients with Cryptogenic Stroke <u>Derk W. Krieger</u> <i>University of Copenhagen, Denmark</i>	
	Confidence Delivered: Optimization of TAVI Outcomes with the New CoreValve Evolut R <u>Abid Assali</u> <i>Rabin Medical Center, Petach Tikva, Israel</i>	

Monday, April 13, 2015

Screening for Abdominal Aortic Aneurysm: Inclusion in the Israeli 2015 health Services "Basket"

Gabriel Szendro

Soroka Medical Center, Beer Sheva, Israel

14:30-16:00 **PL2 - Joint session - European Society of Cardiology (ESC) - Israel Heart Society (IHS)** *Hall ABC*
Chairs: Fausto J. Pinto, Portugal, Yoseph Rozenman, Israel

14:30 **The Role of Scientific Societies in Promoting Good Clinical Practice**
Fausto J. Pinto
Lisbon, Portugal

14:50 **The Impact of the digital revolution on cardiovascular Medicine**
Chaim Lotan
Jerusalem, Israel

15:10 **Modern Treatment of Atrial Fibrillation: From Guidelines to Implementations in Clinical Practice**
Dan Atar
Oslo, Norway

15:30 **ECMO: the Renaissance of Extracorporeal Cardio-Respiratory Support in Emergency Medicine**
Roberto Lorusso
Brescia, Italy

16:00-16:20 **Coffee Break, Exhibition & E-Posters Visit**

16:20-18:20 **Parallel Sessions S9-S16**

16:20-18:20 **S9 - Echocardiography - General** *Hall A*
Chairs: Alik Sagie, Noah Liel-Cohen, Israel

16:20 **Evaluating the Right Heart by Echo in 2015 - New Guidelines and Remaining Knowledge Gaps**
Lawrence Rudski
Montreal, Quebec, Canada



16:40 **Two-dimensional Strain for Diagnosing Chest Pain in the Emergency Room (2DSPER): A Multicenter Prospective Study by the Israeli Echo Research Group**

Avinoam Shiran^{1,2}, David S. Blondheim^{2,3}, Sara Shimoni⁴, Mohamed Jabaren⁵, David Rosenmann⁶, Zvi Friedman^{2,12}, Lilach Tamir Vanuk¹², Alex Sagie⁷, David Leibowitz⁸, Marina Leitman⁹, Micha Feinberg¹⁰, Ronen Beer¹¹, Noah Liel-Cohen¹³
¹Cardiology, Lady Davis Carmel Medical Center, Haifa, ²Faculty of Medicine, Technion, Institute of Technology, Haifa, ³Cardiology, Hillel-Yaffe Medical Center, Hadera, ⁴Cardiology, Kaplan Medical Center, Rehovot, ⁵Cardiology, HaEemek Medical Center, Afula, ⁶Cardiology, Shaare Zedek Medical Center, Jerusalem, ⁷Cardiology, Rabin Medical Center, Petah Tikva, ⁸Cardiology, Hadassah Har Hazofim Medical Center, Jerusalem, ⁹Cardiology, Assaf Harofeh Medical Center, Zerifin, ¹⁰Cardiology, Sheba Medical Center, Tel Hashomer, ¹¹Cardiology, Hadassah Medical Center, Ein Kerem, ¹²Ultrasound, GE Healthcare, Tirat Carmel, ¹³Cardiology, Soroka Medical Center, Beer Sheva, Israel

16:50 **Factors Affecting Longitudinal Strain in the 2D Strain for Diagnosing Chest Pain in the Emergency Room (2DSPER) Study by the Israeli Echo Research Group**

David S. Blondheim¹, Noah Liel-Cohen², Sara Shimoni³, Mohamed Jabaren⁴, David Rosenmann⁵, Zvi Friedman⁶, Lilach Tamir-Vanuk⁶, Alex Sagie⁷, David Leibowitz⁸, Marina Leitman⁹, Micha Feinberg¹⁰, Ronen Beer¹¹, Avinoam Shiran¹²
¹Cardiology, Hillel Yaffe Medical Center, Hadera, ²Cardiology, Soroka University Medical Center, Beer-Sheva, ³Cardiology, Kaplan Medical Center, Rehovot, ⁴Cardiology, Emek Medical Center, Afula, ⁵Cardiology, Shaare Zedek Medical Center, Jerusalem, ⁶Cardiology, General Electric Healthcare, Haifa, ⁷Cardiology, Rabin Medical Center, Petah Tikva, ⁸Cardiology, Hadassah University Hospital, Jerusalem, ⁹Cardiology, Assaf Harofeh Medical Center, Zerifin, ¹⁰Cardiology, Sheba Medical Center, Tel Aviv, ¹¹Cardiology, Hadassah University Hospital, Jerusalem, ¹²Cardiology, Lady Davis Carmel Medical Center, Haifa, Israel

17:00 **Longitudinal Strain versus Strain Rate for the Diagnosis of Segmental Left Ventricular Dysfunction: A Prospective Echocardiographic Study in Patients with Acute Myocardial Infarction**

Amnon Eitan¹, Izhak Kehat^{1,2}, Diab Mutlak^{1,2}, Yoram Agmon^{1,2}
¹Cardiology, Rambam Health Care Campus, ²Faculty of Medicine, Technion - Israel Institute of Technology, Israel

- 17:10 **The Use of Myocardial Strain Imaging in the Detection of Coronary Artery Disease during Stress Echocardiography**
Sara Shimoni, Orly Edry, Naama Abaye, Nataly Shneider, Jacob George, Gera Gandelman
Cardiology, Kaplan Hospital, Israel
- 17:20 **When Left Atrial Volume Should Be Calculated?**
Marina Leitman^{1,2}, Zvi Vered^{1,2}
¹*Cardiology, Assaf Harofeh Medical Center, ²Sackler School of Medicine, Tel Aviv University, Israel, Avishag Laish-Farkash, Yulia Azhibekov, Boris Brodtkin, Vladimir Khalameizer, Amos Katz*
Cardiology and Imaging, Barzilai Medical Center, Ben-Gurion University of the Negev, Ashkelon, Israel
- 17:30 **Assessment of Left Atrial Appendage Dimensions Using Real-Time 3-Dimensional Transesophageal Echocardiography**
Chaim Yosefy, Avishag Laish-Farkash, Yulia Azhibekov, Boris Brodtkin¹, Vladimir Khalameizer, Amos Katz
Cardiology and Imaging, Barzilai Medical Center, Ben-Gurion University of the Negev, Ashkelon, Israel
- 17:40 **Impact of Device Upsizing on LAA Dimensions**
Dan Kiselnik, Adi Butnaru, Dmitri Dratva, Rivka Farkash, Rachel M. Pachino, Pnina Shwartz, Giora Weisz, David Meerkin
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel
- 17:50 **Tricuspid Regurgitation Progression and Regression in Pulmonary Arterial Hypertension: associated Factors and Effect on Outcome**
Avinoam Shiran¹, Diego Medvedofsky³, Kirk T. Spencer³, Mardi Gomberg-Maitland³, Doron Aronson², Victor Mor-Avi³, Roberto M. Lang³
¹*Cardiology, Lady Davis Carmel Medical Center, Haifa, Israel ²Cardiology, Rambam Medical Center, Haifa, Israel*
³*Cardiology, University of Chicago Hospital, Chicago, Illinois, USA*
- 18:00 **Cofactoring M-mode with B-mode Ultrasonography Improves the Diagnostic Resolution of Abdominal Aortic Aneurysms in the Angiotensin-II-Infused, Apolipoprotein-E Deficient Mouse**
S. David Gertz¹, Lilach Gavish¹, Ronen Beeri², Dan Gilon², Chen Rubinstein³, Yacov Berlatzky³, Atila Bulut², Petachia Reissman⁴, Leah Y. Gavish¹
¹*Institute of Medical Research (IMRIC), Faculty of Medicine, The Hebrew University of Jerusalem, ²Cardiology, Hadassah University Hospital, Jerusalem, ³Vascular Surgery, Hadassah University Hospital, Jerusalem, ⁴Surgery, Shaarei Zedek Hospital, Jerusalem, Israel*



- 18:10 **New 3D Echo-derived Morphometric Criteria for Discriminating between Ischemic and Non-ischemic Cardiomyopathy and Correlation with Control Subjects**
Shmuel Schwartzberg¹, Mark Hanschumacher², Xin Zeng², Timothy Tan², Judy Hung²
¹Cardiology, Rabin Medical Center, Beilinson Hospital, Petach Tikva, Israel
²Cardiology, Massachusetts General Hospital, Boston, Massachusetts, USA
-
- 16:20-18:20 **S10 - Trans Catheter Aortic Valve Implantation (TAVI)** *Hall B*
Chairs: Giora Weisz, Jacob George, Israel
-
- 16:20 **Aortic Valve Gradient and Clinical Outcome in Patients Undergoing Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis**
Guy Witberg^{1,2}, Alon Barsheshet^{1,2}, Abid Assali^{1,2}, Hana Vaknin-Assa^{1,2}, Katia Orvin^{1,2}, Moti Vaturi^{1,2}, Shmuel Schwartzberg^{1,2}, Yaron Shapira^{1,2}, Alexander Sagie^{1,2}, Ran Kornowski^{1,2}
¹Department of Cardiology, Rabin Medical Center, Petach Tikva, ²Sackler school of medicine, Tel Aviv university, Tel Aviv, Israel
- 16:30 **Type of Atrial Fibrillation and Clinical Outcomes in Patients Undergoing Transcatheter Aortic Valve Implantation**
Aviv A. Shaul^{1,2}, Ran Kornowski^{1,2}, Hana Vaknin-Assa^{1,2}, Abid Assali^{1,2}, Boris Strasberg^{1,2}, Ehud Kadmon^{1,2}, Gregory Golovchiner^{1,2}, Katia Orvin^{1,2}, Alon Barsheshet^{1,2}
¹Department of Cardiology, Rabin Medical Center, Petach Tikva, ²Sackler School of Medicine, Tel-Aviv University, Tel-Aviv, Israel
- 16:40 **Risk Prediction of Transcatheter Aortic Valve Implantation by the Incorporation of Albumin to Surgical Risk Scores**
Yoni Grossman^{1,2}, Israel Barbash^{1,2}, Paul Fefer^{1,2}, Ilan Goldenberg^{1,2}, Anat Bercovitch^{1,2}, Aharon Erez^{1,2}, Ehud Regev^{1,2}, Noam Fink^{1,2}, Ashraf Hamdan^{1,2}, Ilan Hay^{1,2}, Dan Spigelstein^{1,2}, Ehud Raanani^{1,2}, Victor Guetta^{1,2}, Amit Segev^{1,2}
¹Leviev Heart Center, Sheba Medical Center, Tel Hashomer, ²Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
- 16:50 **Predictors of One-year Mortality Following Unprotected Left Main PCI in High-risk Patients According to Clinical Variable and the SYNTAX Score**
Emanuel Harari¹, Abid Assali², Hana Vaknin Assa², Guy Witberg², Gabriel Greenberg², Eli I Lev², Ran Kornowski²
¹Internal Medicine E, Rabin Medical Center, Petach Tikva, ²Department of Cardiology, Rabin Medical Center, Petach Tikva, Israel

- 17:00 **Relationship of Left Ventricular Mass to Coronary Blood Volume in Patients Undergoing Transcatheter Aortic valve Implantation**
Ella Shaviv³, Ashraf Hamdan¹, Orly Goitein², Eli Konen², Amit Segev¹, Israel Barabash¹, Paul Fefer¹, Ilan Hay¹, Victor Guetta¹, Ehud Shwammenthal¹
¹Heart Center, Sheba Medical Center, ²Diagnostic Imaging, Sheba Medical Center, ³Internal Medicine F, Sheba Medical Center, Israel
- 17:10 **Clinical Impact of Diabetes Mellitus in Patients Undergoing Transcatheter Aortic Valve Implantation**
Anat Berkovitch^{1,2}, Amit Segev¹, Israel Barabash¹, Victor Guetta¹, Yoni Grossman^{1,2}, Elad Maor^{1,3}, Aharon Erez¹, Ehud Regev¹, Noam Fink¹, Israel Mazin¹, Ashraf Hamdan¹, Ilan Goldenberg^{1,4}, Ilan Hay¹, Dan Spiegelstien¹, Paul Fefer¹
¹Leviev Heart Institute, Sheba Medical Center, Tel Hashomer, ²Department of Internal Medicine D, Sheba Medical Center, Tel Hashomer, ³Pinchas Borenstein Talpiot Medical Leadership Program, Sheba Medical Center, Tel Hashomer, ⁴Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
- 17:20 **The Impact of Major Vascular Complications on the Long-term Outcome for Patient Undergoing Trans-catheter Aortic Valve Replacement**
Sa'ar Minha^{1,3}, Marco De Magalhaes³, Ricardo O. Escarcega³, Israel M. Barabash², Itsik Ben-Dor³, Nevin C. Baker³, Lakshmana K. Pendyala³, Hideaki Ota³, Thibault Lhermusier³, Wenjie Tian³, Fang Chen³, Petros G Okubagzi³, Augusto D Pichard³, William O Suddath³, Lowell F. Satler³, Rebecca Torguson³, Ron Waksman³
¹Cardiology, Assaf-Harofeh Medical Center affiliated with Sackler School of Medicine, Tel-Aviv University, Zeriffin, ²Cardiology, Sheba Medical Center, Tel-Hashomer, Israel, ³Interventional Cardiology, MedStar Washington Hospital Center, Washington, District of Columbia, USA
- 17:30 **Corticosteroid Therapy is associated with More Vascular Complications in Patients Undergoing Trans-femoral Aortic Valve Implantation**
Noam Fink, Victor Guetta, Amit Segev, Israel Barabash, Andrada Bogdan, Ashraf Hamdan, Israel Mazin, Elad Maor, Ilan Hay, Danny Spiegelstein, Ilan Goldenberg, Paul Fefer
Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel
- 17:40 **A Comparative Analysis of Women versus Men Following Trans-catheter Aortic Valve Implantation**
Pablo Codner, Abid Assali, Hanna Vaknin-Assa, Yaron Shapira, Gabriel Greenberg, Katia Orvin, Leor Perl, Soraya Taic, Marina Kupershmidt, Tamir Bental, Alexander Sagie, Ran Kornowski
Cardiology, Rabin Medical Center & Sackler Faculty of Medicine Tel Aviv University, Petah Tikva, Israel



- 17:50 **Stent-graft Implantation in Ileo-femoral Arteries for Treatment of Access-site Bleeding Following Transcatheter Aortic Valve Implantation**
Ronen Jaffe, Adi Segal, Nader Khader, Ronen Rubinshtein, Rafael Wolff, Avinoam Shiran, David Halon
Cardiology, Carmel Medical Center, Israel
- 18:00 **Impact of Diabetes Mellitus on Early and Midterm Outcomes Following Transcatheter Aortic Valve Implantation/p**
Ehud Chorin, Ariel Finkelstein, Shmuel Banai, Leehee Barak, Gad Keren, Arie Steinvil
Department of Cardiology, Tel Aviv Sourasky Medical Center and Sackler School of Medicine, Israel
- 18:10 **Impact of the Learning Curve on Outcomes after Percutaneous Mitral Valve with MitraClip**
Adi Butnaru, Dmitri Dratva, Pnina Shwartz, Rivka Farkash, Rachel M. Pachino, Yaron Almagor, Giora Weisz, David Meerkin
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel
-
- 16:20-18:20 **S11 - Electrophysiology: Ablations** *Hall C*
Chairs: **Michael Glikson, Moti Haim, Israel**
-
- 16:20 **Two For The Price Of One - Ablation of Both Atrial Fibrillation and Atypical Atrial Flutter Using the Same nMARQ™ Multi-electrode Catheter**
Avishag Laish-Farkash, Evgeny Fishman, Iris Cohen, Chaim Yosefy, Amos Katz
Electrophysiology Unit, Cardiology Department, Barzilai MC and Ben-Gurion University of the Negev, Ashkelon, Israel
- 16:35 **Left Atrial Ablation for Atrial Fibrillation: Box Lesion with Bipolar Radiofrequency and Cryoablation**
Leonid Sternik, Michael Glikson, Alexander Kogan, Roy Beinart, Eyal Nof, Shany Levin, Ehud Raanani
Cardiac Surgery and Cardiology Department, Sheba Medical Center, Tel-Hashomer, Israel, Israel
- 16:50 **Atriofascicular Fibers in Young Patients: a 25 year, Single Center Experience**
Yonatan Buber, John Triedman, Frank Cechin, Mark Alexander, Edward Walsh
Cardiology, Boston Childrens Hospital, Boston, Massachusetts, USA

- 17:05 **Radiofrequency Ablation of Atrial Fibrillation: Comparison of Success Rate of Circular Ablation vs Point-by-point Ablation with Contact Force Assessment in Paroxysmal and Persistent Atrial Fibrillation**
Raphael Rosso, Yuval Levi, Sami Viskin
Cardiology, Tel Aviv Medical Center, Tel Aviv, Israel
- 17:20 **Atrial Tachycardias Originating from the Non Coronary Cusps: The Tel Aviv Medical Center Experience in 7 Patients**
Yoav Michowitz, Raphael Rosso, Aharon Glick, Sami Viskin, Bernard Belhassen
Cardiology, Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel, Israel
- 17:35 **Selective Intra-procedural Contrast Injection for Improving Positioning of the nMARQ™ Multi-electrode Ablation Catheter during Pulmonary Vein Isolation- Preliminary Results**
Avishag Laish-Farkash, Vladimir Khalameizer, Evgeny Fishman, Azriel B Osherov, Chaim Yosefy, Amos Katz
Electrophysiology Unit, Cardiology department, Barzilai MC and Ben-Gurion University of the Negev, Ashkelon, Israel
- 17:50 **Concomittant Surgical Ablation of Atrial Fibrillation Sheba Experience**
Leonid Sternik, Alexander Kogan, Michael Glikson, Roy Beinart, Eyal Nof, Shany Levin, Ehud Raanani
Heart Institute, Sheba Medical Center, Tel- Hashomer, Israel
- 18:05 **Beneficial Use of A Duodecapolar Catheter for Mapping and Ablation of Right Free Wall Accessory Pathways**
Yoav Michowitz, Aharon Glick, Bernard Belhassen
Cardiology, Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel

16:20-18:20

S12 - Clinical Heart Failure

Hall D

Chairs: Jean Marc Weinstein, Michael Arad, Israel

- 16:20 **Curing Heart Failure - Yes, We Can!**
John G. F. Cleland
Yorkshire, UK
- 16:40 **The Heart Failure Readmission Obsession**
Paul J. Hauptman
St. Louis, MO, USA
- 17:00 **Questions**



- 17:05 **Endothelial Nitric Oxide Synthase G-allele Homozygosity of the G894T Polymorphism is associated with Increased Mortality in Systolic Heart Failure Patients**
Barak Zafri¹, Naiel Azzam², Fuad Fares², Yoav Smith³, Nabeeh Salman⁴, Roman Nevzorov⁴, Offer Amir⁴
¹Department of Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, ²Department of Molecular Genetics, Lady Davis Carmel Medical Center, Haifa, ³Genomic Data Analysis Unit, Hadassah Medical School, Hebrew University of Jerusalem, ⁴Department of Cardiovascular Medicine, Poriya Medical Center, Tiberius, Israel
- 17:20 **Community Disease Management Program in Patients with Heart Failure: A Randomized Controlled Trial**
Ofra Kalter-Leibovici^{1,2}, Dov Freimark^{2,3}, Laurence Freedman⁴, Arnona Ziv⁵, Havi Murad⁴, Michal Benderly^{1,2}, Nurit Friedman⁶, Galit Kaufman⁷, Haim Silber⁸
¹Unit of Cardiovascular Epidemiology, Gertner Institute, Tel-Hashomer, ²Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, ³Heart Center, Sheba Medical Center, Tel-Hashomer, ⁴Unit of Biostatistics, Gertner Institute, Tel-Hashomer, ⁵Information and Computer Unit, Gertner Institute, Tel-Hashomer, ⁶Research and Evaluation Department, Maccabi Health Services, Tel-Aviv, ⁷Nursing, Health Division, Tel-Aviv, ⁸Cardiology, Maccabi Health Services, Raanana, Israel
- 17:35 **Impaired Fasting Glucose and Left Ventricular Diastolic Dysfunction in Middle-age Adults**
Assi Milwidsky^{1,2}, Elad Maor¹, Shaye Kivity¹, Anat Berkovitch¹, Aharon Erez¹, Shlomo Segev¹, Yechezkel Sidi¹, Ilan Goldenberg¹, Rafael Kuperstein¹
¹Leviev Heart Center, Chaim Sheba Medical Center, Ramat-Gan, ²Internal Medicine "E", Tel-Aviv Medical Center, Tel-Aviv, Israel
- 17:50 **Clinical Characteristics of Males and Female Congestive Heart Failure Patients in Maccabi Healthcare Services**
Dahlia Weitzman^{1,2}, Lori D Bash³, Maayan Aviram-Paz², Ofer Sharon⁴, Varda Shalev^{1,2}, Gabriel Chodick^{1,2}
¹Maccabitech, Maccabi Healthcare Services, Tel-Aviv, ²Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
³Global Health Outcomes, C.O.R.E., Merck & Company, Inc., Rahway, USA
⁴Medical Affairs, MSD Israel, Hod-Hasharon, Israel
- 18:05 **Ethnic Disparity in the Clinical Characteristics of Patients with Heart Failure**
Israel Gotsman¹, Sarit Avishai-Eliner², Refat Jabara¹, Zehava Zemora², Ayelet Shauer¹, Chaim Lotan¹, Andre Keren¹
¹Heart Institute, Hadassah University Hospital, Jerusalem, ²Clalit Health Services, Jerusalem, Israel

-
- 16:20-18:20 **S13 - Rehabilitation & Exercise Physiology** Hall E
Chairs: Rachel Marom, Robert Klempfner, Israel
-
- 16:20 **Comparable Functional Improvement of Heart Failure Patients with Preserved Versus Reduced Left Ventricular Systolic Function**
Robert Klempfner, Ilan Goldenberg, Nelly Gang, Amira Nahshon, Ilan Hay, Hanoch Hod, David Rott
The Leviev Heart Centre, Sheba Medical Centre and Tel Aviv University, Israel
- 16:33 **Factors associated with Participation in Cardiac Rehabilitation among Maccabi Healthcare Services Patients and Survey of Knowledge and Attitude among Physicians and Nurses in Israel**
Roni Karni¹, Yariv Gerber², Mickey Scheinowitz¹
¹*Biomedical Engineering, Tel Aviv University, Tel Aviv, Ramat Aviv,*
²*Epidemiology and Preventive Medicine, Tel Aviv University, Tel Aviv, Ramat Aviv, Israel*
- 16:46 **Temporal Trends in Acute Myocardial Infarction: What about Survival of Hospital Survivors?**
Arthur Shiyovich³, Harel Gilutz¹, Ygal Plakht²
¹*Cardiology, Soroka University Medical Center, Beer Sheva,* ²*Unit of Nursing research, Soroka University Medical Center, Beer Sheva,* ³*Medicine E, Rabin Medical Center, Petach Tikva, Israel*
- 16:59 **Differences in Long-term Post-acute Myocardial Infarction (ami) Mortality between Jews and Muslims Israel**
Rachel Shvartsur¹, Ygal Plakht^{1,2}, Abed N Azab^{1,3}, Harel Gilutz^{1,3}
¹*Faculty of Health Sciences, Ben-Gurion University of the Negev,* ²*Unit of Nursing Research, Soroka University Medical Center,* ³*Department of Cardiology, Soroka University Medical Center, Beer-Sheva, Israel*
- 17:12 **A New, Non-invasive, Non-laboratory Device and Method to Assess Pulmonary Ventilation and Anaerobic Threshold during Exercise**
Giuora Harel¹, Elad Hofstetter¹, Hertzal Salman², Omri Inbar³, Mickey Scheinowitz¹
¹*Biomedical Engineering, Tel Aviv University, Tel Aviv, Ramat Aviv,* ²*Internal Medicine C, Rabin Medical Center, Golda Campus, Petach Tikva, Petach Tikva,* ³*Sports Sciences, Givat Washington College, Yavne, Israel*
- 17:25 **Development of a New Predictive Model Enabling the Assessment of the Anaerobic Capacity from a Standard Aerobic Exercise Stress Test**
Efrat Leopold, Tamir Tuller, Mickey Scheinowitz
Biomedical Engineering, Tel Aviv University, Tel Aviv, Ramat Aviv, Israel



- 17:38 **Role Of Medical Psychology In Women`s Heart Clinic**
Yishay Manor², Irit Heruti², Adi Cohen-Rokah², Ilana Gezel¹, Ran Kornowski¹, Avital Porter¹
¹Cardiology, Rabin Medical Center, ²Medical Psychology, Rabin Medical Center, Israel
- 17:51 **Autonomic Function in Healthy Individuals Performing Multiple Exercise Stress Tests with Normal and Pathological Heart Rate Recovery**
Itai Goldfarb¹, Kobi Serr², Shuli Eyal¹, Shlomo Segev², Joseph Shemesh², Anda Baharav¹, Mickey Scheinowitz¹
¹Biomedical Engineering, Tel Aviv University, Tel Aviv, Ramat Aviv, ²Institute for Medical Screening, Sheba Medical Center, Ramat-Gan, Israel
- 18:04 **Obesity, Sleep Apnea and Atrial Fibrillation**
Malka Yahalom¹, Ehud Rozner¹, Avi Davidovich Sabanciev², Yoav Turgeman^{1,3}
¹Heart Insitute, Haemek Medical Center, Afula, ²Internal Medicine E, Haemek Medical Center, Afula, ³Faculty of Medicine, Technion, Haifa, Israel
-
- 16:20-18:20 **S14 - Cardiovascular Surgery** *Hall F*
Chairs: Erez Sharoni, Dan Aravot, Yanai Ben-Gal, Israel
-
- 16:20 **Multidisciplinary Approach for Retroperitoneal Tumors Invading the Right Atrium**
Oved Cohen¹, Ziv Beckerman¹, Victor Kerzman¹, David M. Kakiashvili², Zvi Peled¹, Shimon Meretyk², Aharon Hoffman³, Gil Bolotin¹
¹Department of Cardiac Surgery, Rambam Health Care Campus, and Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, ²Department of Urology, Rambam Health Care Campus, Haifa, ³Department of Vascular Surgery, Rambam Health Care Campus, Haifa, Israel
- 16:32 **Long Standing Persistent Atrial Fibrillation is not Acceptable Anymore, the Future of MAZE**
Victor Rubchevsky, Yaron Barac, Dan Aravot
The cardiothoracic department, Rabin medical center, Petah Tikva, Israel
- 16:44 **Excess Bleeding after Open Heart Surgery when Using a Third Generation Starch-based Volume Expander, Tetraspan, as Compared with Human Albumin Solution**
Liran Shani, Zvi Adler, Ori Duek, Esam Kadry, Rony-Reuven Nir, Gil Bolotin
Department of Cardiac Surgery, Rambam Health Care Campus, and Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel
- 16:56 **Early and Late Results after Reoperation for Severe TR**
Firas Abu Akar, Shuli Silberman, Ofer Merin, Daniel Fink, Rachel Tauber, Daniel Bitran
Department of Cardiothoracic Surgery, Shaare Zedek, Jerusalem, Israel

- 17:08 **Characteristics and Results of Patients Undergoing Concomitant Procedure of Mitral and Tricuspid Valves**
Daniel Fink, Atiya Alshosha, Firas Abu Akar, Shuli Silberman, Ofer Merin, Rachel Tauber, Daniel Bitran
Department of Cardiothoracic Surgery, Shaare Zedek Medical Center, Jerusalem, Israel
- 17:20 **Nexus™ - An Unconventional Approach for Aortic Arch stent Grafting**
David Planer¹, Danny Silverberg²
¹Cardiology, Hadassah - Hebrew University, ²Vascular Surgery, Sheba Medical Center, Israel
- 17:32 **Is There a Need For Cerebral Perfusion during Deep Hypothermic Circulatory Arrest?**
Dan Spiegelstein¹, Roman Altshuler², Yaron Schwartz², Amihai Shinfeld¹, Shani Levin¹, Boris Orlov¹, Alexander Lipey¹, Ehud Raanani¹
¹Cardiac Surgery, Chaim Sheba Medical Center, ²Perfusion Unit, Chaim Sheba Medical Center, Israel
- 17:44 **Right Coronary Artery Revascularization in Left-sided Bilateral Internal Thoracic Artery Grafting: Comparison between Radial Artery and Saphenous Vein**
Lior Raichel, Menahem Matsa, Oren Lev-Ran, Dan Abramov, Mahmud Abu-Salah, Leonid Ruderman, Gideon Sahar
The Department of Cardiothoracic surgery, Soroka University Medical Center, Beer-Sheva, Israel
- 17:56 **Should Bilateral Internal Thoracic Artery Grafting be used in Patients with Chronic Obstructive Pulmonary Disease (COPD)?**
Zahi Aizer, Dimitri Pevni, Rephael Mohr, Mohamad Medlej, Amir Ganiel, Amir Kramer, Yossi Paz, Nahum Neshet, Yanai Ben-Gal
Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center, Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 18:08 **Durability of Large Diameter Right Ventricular Outflow Tract Conduits in Adults with Congenital Heart Disease**
Yonatan Buber, Egidy-Assenza Gabrielle, Alice Huang, Anne-Marie Valente, Sitaram Emani, Kimberlee Gauvreau, Audrey Marshall, Doff McElhinney, Michael Landzberg
Cardiology, Boston Children's Hospital, Boston, Massachusetts, USA



16:20-18:20	S15 - Cardiovascular Imaging Chairs: Arik Wolak, Pierre Chouraqui, Israel	Hall G
16:20	Comparison of Free Breathing Cardiac MRI Radial Technique to the Standard Multi Breath-hold Cine SSFP CMR Technique for the Assessment of LV Volumes and Function <u>Shimon Kolker</u> ¹ , Giora Wiesz ¹ , Naama Bogot ² , Irit Hadas Halpern ² , Mady Moriel ¹ , Arik Wolak ¹ ¹ Cardiology, Shaare Tzedek Medical Center, Jerusalem, ² Radiology, Shaare Tzedek Medical Center, Jerusalem, Israel	
16:35	Short and Long Term Prognostic Value of 256-Slice Coronary CT Angiography in Emergency Department Patients with Acute Chest Pain <u>Yuval Shenkar</u> ¹ , David A. Halon ¹ , Tamar Gaspar ² , Basheer Karkabi ¹ , Salim Halabi ³ , Sharbel Hashool ² , Nathan Peled ² , Ronen Rubinshtein ¹ ¹ Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, ² Radiology, Lady Davis Carmel Medical Center, Haifa, ³ Emergency Medicine, Lady Davis Carmel Medical Center, Haifa, Israel	
16:50	Right Ventricular Ejection Fraction by First Pass Radionuclide Angiography and Gated SPECT Myocardial Perfusion Imaging in Patients with Heart Failure: One Center Experience <u>Nili Zafrir</u> , Tamir Bental, Israel Mats, Alejandro Solodky, Ariel Gutstein, Yossef Hassid, Doron Belzer, Tuvia Bengal, Nili Zafrir, Nili Zafrir, Daniel Morninkas, Ran Kornowski Cardiology, Rabin Medical Center, Petah Tikva, Israel	
17:05	Coronary Artery Disease Characterization in Patients Undergoing Coronary CT Angiography in the Chest Pain Unit <u>Orly Goitein</u> ¹ , Vladimir Perkhulov ² , Yael Eshet ¹ , Ashraf Hamdan ^{1,3} , Roy Beigel ³ , Elio Di Segni ¹ , Eli Konen ¹ , Shlomi Matetzky ³ ¹ Diagnostic Imaging, Sheba Medical Center, Tel Hashomer, ² Diagnostic Imaging, Kaplan Medicl Center, Rehovot, ³ Leviev Heart Institute, Sheba Medical Center, Tel Hashomer, Israel	
17:20	Cardiac MRI - a Tool for Myocardial Characterization of Patients with Severe Aortic Stenosis and Impaired Left Ventricular Function. <u>Orly Goitein</u> , Ashraf Hamdan ² , Victor Guetta ¹ , Eli Konen ² , Paul Fefer ¹ , Elad Asher ¹ , Ilan Hay ¹ , Amit Segev ¹ , Israel Barbash ¹ ¹ Interventional Cardiology, Leviev Heart Institute, Sheba Medical Center, ² Cardiovascular Imaging, Sheba Medical Center, Israel	

17:35 **Right Ventricular Involvement in STEMI - Revealing the Unknown by Cardiac-MRI (PLATIS-7)**

Arwa Younis¹, Orly Goitein², Ashraf Hamdan¹, Eli Konen², Avishay Grupper¹, Roy Beigel¹, Elad Asher¹, Israel Mazin¹, Arsalan Abu-Much¹, Shlomi Matetzky¹

¹Leviev Heart Institute, Sheba Medical Center, Ramat Gan, ²Diagnostic Imaging, Sheba Medical Center, Israel

17:50 **Quantitation of Left to Right Cardiac Shunt by First Pass Radionuclide Angiography Using Dedicated Cardiac Gamma Camera**

Nili Zafrir¹, Tzipora Shochat¹, Israel Mats¹, Alejandro Solodky¹, Yossef Hassid¹, Doron Belzer¹, Ran Kornowski¹, Avraham Lorber²

¹Cardiology, Beilinson hospital, Rabin Medical Center, Petah Tikva, ²Cardiology, Rambam Medical Center, Haifa, Israel

18:05 **Stress Only SPECT Myocardial Perfusion Imaging is as Safe as Stress Rest**

Ariel Gutstein, Israel Mats, Alejandro Solodky, Doron Belzer, Yossef Hasid, Nili Zafrir

Cardiac imaging, Rabin medical Center, Petah Tikva, Israel

16:20-18:20 **S16 - Ian Kellerman Young Investigator Award Competition** *Hall H*
Chairs: Joseph Shemesh, Moshe Flugelman, Jonathan Leor, Israel

16:20 **Sleep Quality and Risk of Diabetes and Coronary Artery Disease among Young Men**

Gilad Twig^{1,2}, Avi Shina², Arnon Afek³, Estela Derzne², Dorit Tzur², Tali Cukierman-Yaffe⁴, Dalia Shechter-Amir⁵, Hertzal Gerstein⁶, Amir Tirosh⁴

¹Department of Medicine B, Sheba Medical Center, ²The medical corps, Israeli Defense Forces, ³General manager, The Israeli Ministry of Health, ⁴The endocrinology and diabetes institute, Sheba Medical Center, ⁵The sleep Institute, Sheba Medical Center, ⁶Division of Endocrinology & Metabolism, McMaster University & Hamilton Health Sciences

16:40 **MITF Switches from Activator to Repressor of Erbin Expression during Cardiac Hypertrophy**

Inbal Rachmin¹, Sagi Tshori³, Razin Ehud¹, Gilon Dan²

¹Biochemistry and Molecular biology, Hebrew University, Jerusalem, Select State, ²Heart Institute, Hadassah-Hebrew University Medical Center, Jerusalem, Select State, ³Nuclear Medicine, Hadassah-Hebrew University Medical Center, Jerusalem, Select State, Israel



- 17:00 **Utility of Speckle Tracking Parameters for the Assessment of Two Exercise Training Protocols on Congestive Heart Failure**
Yair Blumberg^{1,2}, Offir Ertracht², Itai Gershon¹, Dana Barequet¹, Tali Reuveni², Shaul Atar^{1,3}
¹Faculty of Medicine, Bar-Ilan University, Safed, ²Eliachar Research Laboratory, Galilee Medical Center, Nahariya, ³Cardiology department, Galilee Medical Center, Nahariya, Israel
- 17:20 **Macrophage-targeted Liposomes with Hemin Improve Infarct Healing and Cardiac Function after Myocardial Infarction**
Tammy Ben-Mordechai^{1,2}, David Kain^{1,2}, Radka Holbova^{1,2}, Natalie Landa^{1,2}, Inbar Elron-Gross³, Yifat Glucksam-Galnoy³, Micha S. Feinberg¹, Rimona Margalit³, Jonathan Leor^{1,2}
¹Neufeld Cardiac Research Institute, Sheba Medical center, Tel-Aviv University, ²Sheba Center for Regenerative Medicine, Tel-Hashomer, ³Department of Biochemistry and Molecular Biology, Tel Aviv University, Tel Aviv, Israel
- 17:40 **Injectable Cardiac Extracellular Matrix- Based Gels for Myocardial Infarction Treatment**
Yael Efraim¹, Hadar Sarig², Marcelle Mahluf¹
¹Faculty of Biotechnology and Food Engineering, Technion, Haifa, Israel, ²Technion Biomedical labs, NTU, Singapore
- 18:00 **Coronary Artery Calcification and Exercise Electrocardiogram as Predictors of Coronary Events in Asymptomatic Adults: A Prospective Study**
Shay Ehrlich^{1,2}, Chagai Grossman³
¹Heart Rehabilitation, Tel Hashomer Hospital, ²Heart Rehabilitation, Tel Hashomer, ³Rheumatology, Tel Hashomer, Israel

Tuesday, April 14, 2015

07:00-08:15	Registration	
07:00-08:15	Cardiovascular Surgery, Workshops	
08:30-10:00	Parallel Sessions S17-S24	
08:30-10:00	S17 - ACS & Beyond	<i>Hall A</i>
	Chairs: Doron Zahger, Zaza Iakobishvili, Israel	
08:30	The Effect of Ticagrelor on Circulating Endothelial Progenitor Cells in Patients with Acute Coronary Syndrome	
	Shirit Sara Kazum, Dorit Leshem, Gabriel Greenberg, Ran Kornowski, Eli Lev <i>Cardiology, Rabin medical center, Petach Tikva, Israel</i>	
08:40	Evaluation of Patients with History of Prior Coronary Artery Disease Using Accelerated Algorithm in Chest Pain Unit (PLATIS-1)	
	Roy Beigel ^{1,2} , Alex Fardman ^{1,2} , Nir Shlomo ^{1,2} , Moran Livne ^{1,2} , Avi Sabbag ^{1,2} , Elad Maor ^{1,2} , Orly Goitein ^{1,2} , Ronen Goldkorn ^{1,2} , Elad Asher ^{1,2} , Shlomi Matetzky ^{1,2} ¹ Leviev Heat Institute, Sheba Medical Center, Tel Hashomer, ² The Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel	
08:50	Acute Kidney Injury in High-risk Patients Undergoing Coronary and Carotid Angiography Using RenalGuard System	
	Robert Zukermann, Margarita Gorelik, Sirush Petcherski, Eugenia Nikolsky <i>Cardiology Department, intermediate care unit, Rambam MHC, Haifa, Israel</i>	
09:00	Gender Differences among Patients Evaluated for Low Medium Risk Acute Chest Pain (PLATIS-6)	
	Romana Herscovici ¹ , Roy Beigel ¹ , Elad Asher ¹ , Dan Oieru ¹ , Nir Shlomo ⁵ , Michael Shechter ^{1,2} , Avital Porter ^{2,3} , Rafael Kuperstein ^{1,2} , Orly Goiten ^{2,4} , Shlomi Matetzky ^{1,2} ¹ The Leviev Heart Center, The Leviev Heart Center, Chaim Sheba Medical Center, Tel-Hashomer, ² The Sackler Faculty of Medicine, The Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, ³ Cardiology Department, Cardiology department, Rabin Medical Center, Petah Tikva, ⁴ Diagnostic Imaging, Diagnostic Imaging, Chaim Sheba Medical Center, Tel-Hashomer, ⁵ The Leviev Heart Center, The Leviev Heart Center, The Leviev Heart Center, Chaim Sheba Medical Center, Tel-Hashomer, Israel	
09:10	Relation of In-hospital Serum Creatinine Change Patterns and Outcomes among ST Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Intervention	
	Yacov Shacham, Eran Leshem-Rubinow, Amir Gal-Oz, Eyal Ben-Assa, Arie Steinvil, Gad Keren, Arie Roth, Yaron Arbel <i>Cardiology, Tel-Aviv Sourasky Medical Center, Israel</i>	



- 09:20 **ECG Scoring System as a Predictive Tool of Left Ventricular Ejection Fraction in ACS Patients (PLATIS-5)**
Elad Asher, Eyas Massalha, Shlomi Matetzky
Intensive Cardiac Care Unit, Leviev Heart Center Sheba Medical Center, Tel-Hashomer, Israel
- 09:30 **Improving Door-to-Balloon Time for Patients with ST-segment Elevation MI in the Emergency Department**
Salim Halabi^{1,2}, Sharon Shachar¹, Miti Ashkenazi¹
¹*Emergency Department, Lady Davis Carmel Medical Center, Haifa,*
²*Department of Medicine, Technion - Israel Institute of Technology, Haifa, Israel*
- 09:40 **Association between Statin Pre-treatment and LDL-C Levels on the Presentation of Patients with STEMI: Data from the ACS Israeli Survey (ACSIS) 2002-2010**
Shimon Kolker¹, Mady Moriel¹, Shlomi Matetzky², Amit Segev², Nir Shlomo², Eran Leitersdorf³, Ilan Goldenberg², Dan Tzivoni¹, Giora Weisz¹, Shmuel Gottlieb¹
¹*Cardiology, Shaare-Zedek medical center, Jerusalem,* ²*Neufeld Cardiac Research Institute, Sheba Medical Center, Tel-Hashomer, Ramat-Gan,* ³*Internal Medicine, Hadassah Hospital, Jerusalem, Israel*
- 09:50 **Relation of Admission Glucose Levels and Acute Kidney Injury Following Primary Percutaneous Coronary Intervention in Patients with vs. without Diabetes**
Yacov Shacham, Eran Leshem-Rubinow, Amir Gal-Oz, Yaron Arbel, Gad Keren, Arie Roth, Arie Steinvil
Cardiology, Tel-Aviv Sourasky Medical Center, Israel
-
- 08:30-10:00 **S18 - TAVI - Joint session of the Israeli working group for Interventional Cardiology and the Israeli Society of Cardiothoracic Surgery** *Hall B*
Chairs: Gil Bolotin, Ran Kornowski, Arik Finkelstein, Israel
-
- 08:30 **Improved Outcomes Following TAVI for Aortic Stenosis in Low and Intermediate Risk vs. High Risk Patients: Results from a Multi-center Israeli TAVI Registry**
Israel Barbash¹, Arik Finkelstein³, Alon Barsheshet², Amit Segev¹, Amir Halkin³, Abid Assali², Yanai Ben Gal³, Hana Vaknin Assa², Paul Fefer¹, Alex Sagie², Victor Guetta¹, Ran Kornowski²
¹*Leviev Heart Center, Sheba Medical Center,* ²*Department of Cardiology, Rabin Medical Center,* ³*Department of Cardiology, Tel-Aviv Medical Center, Israel*

- 08:42 **Cardiac Surgery after Failed Trans-Catheter Aortic Valve Implantation - National Registry**
Dan Spiegelstein¹, Ido Ferstenfeld¹, Amit Korach², Shuli Silberman³, Gil Bolotin⁵, Erez Sharoni⁴, Gideon Sahar⁶, Ram Sharoni⁷, Yanai Ben Gal⁸, Ehud Raanani¹
¹Cardiac Surgery, Chaim Sheba Medical Center, ²Cardiothoracic Surgery, Hadassah Medical Center, ³Cardiothoracic Surgery, Shaare Zedek Medical Center, ⁴Cardiothoracic Surgery, Carmel Medical Center, ⁵Cardiac Surgery, Rambam Health Care Campus, ⁶Cardiothoracic Surgery, Soroka Medical Center, ⁷Cardiothoracic Surgery, Rabin Medical Center, ⁸Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center, Israel
- 08:54 **Treatment of Aortic, Mitral and Tricuspid Structural Bio-prosthetic Valve Deterioration Using the Valve-In-Valve Technique**
Pablo Codner¹, Abid Assali¹, Hanna Vaknin-Assa¹, Yaron Shapira¹, Katia Orvin¹, Leor Perl¹, Ram Sharoni², Alexander Sagie¹, Ran Kornowski¹
¹Cardiology, Rabin Medical Center & Sackler Faculty of Medicine Tel Aviv University, Petah Tikva, ²Cardiothoracic Surgery, Rabin Medical Center & Sackler Faculty of Medicine Tel Aviv University, Petah Tikva, Israel
- 09:06 **Albumin Predicts Long Term Mortality in Elderly Patients Undergoing Trans-catheter Aortic Valve Implantation**
Andrada Bogdan, Israel Barbash, Amit Segev, Paul Fefer, Stephan Bogdan, Noam Fink, Ashraf Hamdan, Ilan Hay, Dan Spiegelstein, Victor Guetta
The Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Israel
- 09:18 **Redo Aortic Valve Replacements in the Transcatheter Aortic Valve Implantation Era**
Dan Spiegelstein, Eyal Ran Nachum, Shani Levin, Alexander Kogan, Leonid Sternik, Boris Orlov, Alexander Lipey, Ehud Raanani
Cardiac Surgery, Chaim Sheba Medical Center, Israel
- 09:30 **Long-term Results Following Transcatheter Aortic Valve Implantation**
Pablo Codner¹, Abid Assali¹, Hanna Vaknin-Assa¹, Yaron Shapira¹, Gabriel Greenberg¹, Katia Orvin¹, Leor Perl¹, Soraya Taic¹, Marina Kupershmidt¹, Ram Sharoni², Tamir Bental¹, Alexander Sagie¹, Ran Kornowski¹
¹Cardiology, Rabin Medical Center & Sackler Faculty of Medicine Tel Aviv University, Petah Tikva, ²Cardiothoracic Surgery, Rabin Medical Center & Sackler Faculty of Medicine Tel Aviv University, Petah Tikva, Israel
- 09:42 **“Fast-track” Pathway in the High Risk Patients Undergoing Surgical Transcatheter Valve Implantation (TAVI)**
Eyal Nachum¹, Danny Spiegelstein¹, Amit Segev², Israel Barbash², Victor Guetta², Leonid Sternik¹, Boris Orlov¹, Shany Levin¹, Ehud Raanani¹, Alexander Kogan
¹Department of Cardiac Surgery, Sheba Medical Center, Ramat-Gan, ²Cardiology Institute, Sheba Medical Center, Ramat-Gan, Israel



- 08:30-10:00 **S19 - Macrophages: New Frontiers in Cardio Vascular Medicine**
Joint Session Israel Society for Heart Research (ISHR) - Israel Heart Society *Hall C*
Chair: Yoram Etzion, Jonathan Leor, Israel
-
- 08:30 **Detection of Arterial Vascular Disorders and Macrophage Accumulation Using Diffusion Reflection Measurements with Gold Nanorods**
Dorit Leshem-Lev¹, Rinat Ankri², Dror Fixler², Rachela Popovtzer², Menachem Motiei², Edit Hochhauser¹, Ran Kornowski¹, Eli I. Lev¹
¹Cardiology, Rabin medical center-FMRC, ²Faculty of Engineering, Bar Ilan University
- 08:45 **The Epigenetic Regulator Sirtuin Improves Cardiac Remodeling and Function after Myocardial Infarction in Mice**
Uri Amit^{1,2}, La-Paz Levin Kotler^{1,2}, Natali Molotski^{1,2}, Natalie Landa^{1,2}, Radka Holbova^{1,2}, Yariv Kanfi³, Nili Naftali Shani^{1,2}, Asael Roichman³, Haim Cohen³, Jonathan Leor^{1,2}
¹Neufeld Cardiac Research Institute, Sheba Medical Center, Tel-Aviv University, Tel-Hashomer, ²Sheba Center for Regenerative Medicine, Stem Cell, and Tissue Engineering, Tel-Aviv University, Tel-Hashomer, ³Mina & Everard Goodman Faculty of Life Sciences, Bar-Ilan University, Israel
- 09:00 **Left Ventricular Dysfunction Switches Cardiac Mesenchymal Stem/Stromal Cells toward a Pro-Inflammatory Phenotype**
Nili Naftali-Shani^{1,2}, La-Paz Levin-Kotler^{1,2}, Dahlia Palevski^{1,2}, Uri Amit^{1,2}, David Kain^{1,2}, Natalie Landa^{1,2}, Edith Hochhauser³, Jonathan Leor^{1,2}
¹Tel-Aviv University, Tamman Cardiovascular Research Institute, Sheba Medical Center, ²Sheba Medical Center, Regenerative Medicine, Stem Cell and Tissue Engineering Center, Tel-Hashomer, ³Felsenstein Medical Research Center, Rabin Medical Center, The Cardiac Research Laboratory, Department of Cardiothoracic Surgery, Tel-Aviv University, Israel
- 09:15 **Increased Macrophage Activation in an Animal Model of Tachycardia Induced Cardiomyopathy**
Jeremy Ben-Shoshan, Ayman Jubran, Ran Levy, Michal Entin-Meer, Gad Keren
Cardiology, Tel Aviv Medical Center, Israel

- 09:30 **Gold Nano-particles, Conjugated to HDL Reduces Lp-PLA2 Level in Human Macrophages**
Emanuel Harari^{1,2}, Dorit Leshem-Lev², Rinat Ankr³, Dror Fixler³, Ran Kornowski², Eli I Lev²
¹Internal Medicine E, Rabin Medical Center, Petach Tikva, ²Cardiac Research Laboratories at the Felsenstein Medical Research Center and the Cardiology Department, Rabin Medical Center, Petach Tikva, ³Faculty of Engineering and Institute of Nanotechnology and Advanced Materials, Bar-Ilan University, Ramat-Gan, Israel
- 09:45 **Circulating Endothelial Progenitor Cells Predict Cardiovascular Outcomes in Patients with Aortic Valve Stenosis**
Sara Shimoni, Iris Bar, Valery Meledin, Gera Gandelman, Jacob George
Cardiology, Kaplan Hospital, Israel
-
- 08:30-10:00 **S20 - Electrophysiology - Miscellaneous** *Hall D*
Chairs: Monther Boulos, Michael Eldar, Israel
-
- 08:30 **Ventricular Tachycardia Radiofrequency Ablation with Extracorporeal Membrane Oxygenation**
Eyal Nof¹, Michael Glikson¹, Roy Beinart¹, Michael Eldar¹, Ossnat Gurevitz¹, Amihay Shinfeld², Jacob Lavee², Ehud Raanani², Dan Spiegelstein²
¹Davidai Arrhythmia Center, Leviev Heart Institute, Sheba Medical Center, Ramat-Gan, ²Cardiovascular Surgery Center, Sheba Medical Center, Ramat-Gan, Israel
- 08:45 **Initial Experience in Cryo-ablation for Pulmonary Vein's Isolation: Safety and Mid-term Results.**
Ben Ben Avraham, Alon Barsheshet, Ehud Kadmon, Boris Strasberg, Gregory Golovchiner
Cardiology, Rabin Medical Center, Petach Tikva, Israel
- 09:00 **Advantages of Long Sheath Utilization during Slow Pathway Ablation A Single-center Retrospective Analysis with a Long Follow-up**
Alexander Feldman, Nahum Adam Freedberg, Dante Antonelli, Yoav Turgeman
Cardiology Department, HaEmek Hospital, Afula, Israel
- 09:15 **Patients with Non-ischemic Cardiomyopathy have Similar Rates of Mortality and Appropriate ICD therapies as Patients with Ischemic Cardiomyopathy**
Asaf Danon¹, Jorge Schliamser¹, Arie Militianu¹, Ilan Goldenberg²
¹Cardiology, Carmel Medical Center, Haifa, ²Cardiology, Sheba Medical Center, Tel Aviv, Israel



- 09:30 **Ethnic Differences among Implantable Cardioverter Defibrillators Recipients in Israel**
Avi Sabbag¹, Mahmoud Suleiman², Aharon Glick³, Therese Fuchs⁴, Aharon Medina⁵, Gregory Golovchiner⁶, Hillel Steiner⁷, Ilan Goldenberg¹, Michael Glikson¹, Roy Beinart¹
¹Cardiology, Chaim Sheba medical center, Tel Hashomer, Ramat-Gan, Please Select, ²Cardiology, Rambam Health Care Campus, Haifa, ³Cardiology, Tel Aviv Sourasky Medical Center, Tel-Aviv, ⁴Cardiology, Assaf Harofeh Medical Center, Zerifin, ⁵Cardiology, Bikur Cholim Hospital, Jerusalem, ⁶Cardiology, Rabin Medical Center, Beilinson Campus, Petach-Tikva, ⁷Cardiology, Baruch Padeh Poria Medical Center, Poriya, Israel
- 09:45 **Heritability of Conduction Disturbances in the Pacemaker Clinic**
Hillel Steiner^{1,3}, Patricia B. S. Celestino-Soper², Anisiia Doytchinova³, Ty C. Lynnes², William J. Groh³, John M. Miller³, Peng-Sheng Chen³, Matteo Vatta²
¹Cardiovascular Medicine, The Baruch Padeh Medical Center, Israel
²Department of Medical and Molecular Genetics, Indiana University School of Medicine, USA
³Krannert Institute of Cardiology, Indiana University School of Medicine, USA
-
- 08:30-10:00 **S21 - Echocardiography in Valvular Heart Disease** *Hall E*
Chairs: Gad Keren, Zvi Vered, Israel
-
- 08:30 **Determinants of Effort Intolerance in Patients with Mitral Stenosis: Combined Echo and Cardio-pulmonary Stress Protocol**
Michal Laufer-Perl, Yan Topilsky
Cardiology, Tel Aviv Medical Center, Tel Aviv, N/A, Israel
- 08:41 **Maternal and Neonatal Complications of Women with Mitral Stenosis: The Sheba Experience**
Rafael Kuperstein, Tal Cahan², Mordechai Dulizki², Michael Arad¹, Michal Simchen²
¹The Leviev Heart Center, Sheba Medical Center, Tel Aviv University, Tel Aviv, ²Department of Obstetrics and Gynecology, Sheba Medical Center, Tel Aviv University, Tel Aviv, Israel
- 08:52 **Clinical Outcome of Post Procedural Mitral Regurgitation after Transcatheter Aortic Valve Replacement**
Simon Biner, Ariel Finkelstein, Shmuel Banai, Yaron Arbel, Gad Keren, Yan Topilsky
Cardiology, Tel Aviv Medical Center, Israel

- 09:03 **Untreated Mitral Regurgitation Does Not Affect Survival of Elderly Patients Undergoing TAVI**
Daniel Fink¹, Ofer Merin¹, Adi Butnaro², Atiya Alshosha¹, Rachel Tauber¹, Daniel Bitran¹, Shuli Silberman¹
¹Department of Cardiothoracic Surgery, Shaare Zedek Medical Center, Jerusalem, Israel
²Department of Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel
- 09:14 **Does Increased Valvulo-Arterial Impedance Contribute to Long-Term Outcome in Patients Undergoing Transcatheter Aortic Valve Implantation?**
Ehud Regev, Israel Barbash, Paul Fefer, Noam Fink, Israel Mazin, Aharon Erez, Anat Berkovitch, Yoni Grossman, Elad Maor, Ashraf Hamdan, Ilan Hay, Dan Spiegelstien, Victor Guetta, Ilan Goldenberg, Amit Segev
Leviv Heart Center, Sheba Medical Center, Tel Hashomer, Israel
- 09:25 **Stroke Volume Adjusted to Afterload for Assessment of Cardiac Performance in Patients with Severe Aortic Stenosis and Preserved Left Ventricular Ejection Fraction.**
Valery Meledin¹, Gera Gandelman¹, Estela Derazne², Yoni Kogan¹, Jacob George¹, Sara Shimoni¹
¹The Heart Institute, Kaplan Medical Center affiliated to the Hebrew University and Hadassah Medical School, Rehovot, ²Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 09:36 **TEE cans Reliably Used for the Proper Sizing of Implanted Valve in Patients Undergoing TAVI for Severe Aortic Stenosis**
Shirit Sara Kazum, Mordechay Vaturi, Daniel Weisenberg, Daniel Monakier, Andrey Valdman, Iren Kruchin, Abid Assali, Ran Kornowski, Yaron Shapira, Hanna Vakinin- Assa, Alexander Sagie
Cardiology, Rabin medical center, Petach Tikva, Israel
- 09:47 **The Value of 3-Dimensional Trans-esophageal Echocardiography for Assessment of Aortic Valve Area in Patients with Severe Aortic Stenosis and Preserved Left Ventricular Function**
Daniel Monakier, Aynur Safiev, Yaron Shapira, Mordechai Vaturi, Daniel Weisenberg, Alexander Sagie
Cardiology, Beilinson Hspital, Rabin Medical Center, Petah Tikva, Israel
-
- 08:30-10:00 **S22 - Joint Session - Society of Cardiovascular Computed Tomography- Israeli WG of Cardiac Imaging** *Hall F*
Chairs: Ashraf Hamdan, Ronen Rubinshtein, Israel
-
- 08:30 **Impact of Coronary CT Angiography on Patient Management and Cardiovascular Outcomes**
Ron Blankstein
Boston, MA, USA



- 08:50 **Extensive Thoracic Aortic Calcification is an Independent Predictor of Coronary Artery Calcium Conversion among Asymptomatic Individuals with Coronary Calcium Score of Zero**
Yafim Brodov, Heidi Gransar, Alan Rozanski, Sean Hayes, John Friedman, Louise Thomson, Damini Dey, James Min, Leslee Shaw, PK Shah, Guido Germano, Daniel Berman
Nuclear Cardiology and Cardiac Imaging, Cedars Sinai Medical Center, Los Angeles, California, USA
- 09:04 **Diagnosis of Coronary In-stent Restenosis Using 256 Slice Multidetector Row Spiral Computed Tomography**
Gassan Salama¹, David A. Halon¹, Tamar Gaspar², Ronen Jaffe¹, Sharbel Hashoul², Moshe Y. Flugelman¹, Nathan Peled², Ronen Rubinshtein¹
¹*Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, Israel*
²*Radiology, Lady Davis Carmel Medical Center, Haifa, Israel*
- 09:18 **Gender Differences in Computed Tomography Measurements before Transcatheter Aortic Valve Implantation**
Ella Shaviv³, Orly Goitein², Eli Konen², Ehud Shwammenthal¹, Amit Segev¹, Israel Barabash¹, Paul Fefer¹, Ilan Hay¹, Victor Guetta¹, Ashraf Hamdan¹
¹*Heart Center, Sheba Medical Center*, ²*Diagnostic Imaging, Sheba Medical Center*, ³*Internal Medicine F, Sheba Medical Center, Israel*
- 09:32 **Combined Quantitative Assessment of Myocardial Perfusion and Coronary Artery Calcium Score by Hybrid 82Rb PET/CT Improves Per-vessel Detection of Obstructive Coronary Artery Disease**
Yafim Brodov, Heidi Gransar, Aryeh Shalev, Daniel Berman, Piotr Slomka
Nuclear cardiology and Cardiac Imaging, Cedars Sinai Medical center, Los Angeles, California, USA
- 09:46 **Computed Tomography versus Echocardiography For Assessment of Left Ventricular Dimensions and Mass in Patients Undergoing Transcatheter Aortic Valve Implantation**
Arsalan Abu-much, Soad Haj yahia, Orly Goitein, Saeed Yassin, Ilan Hay, Feinberg Micha, Eli Konen, Ashraf Hamdan
Tel Aviv University, Leviev Heart Institute, Sheba Medical Center, Tel-Hashomer, Israel
-
- 08:30-10:00 **S23 - Cardiomyopathies and Pericardial Diseases** *Hall G*
Chairs: Shemy Carasso, Yehuda Adler, Israel
-
- 08:30 **Residual Mitral Regurgitation after Septal Myectomy for Hypertrophic Obstructive Cardiomyopathy Patients**
Eyal Ran Nachum, Dan Spiegelstein, Leonid Sternik, Micha Feinberg, Rafael Koperstein, Ori Vaturi, Ehud Raanani
Cardiac Surgery and Noninvasive Cardiology Unit, Chaim Sheba Medical Center, Ramat-Gan, Israel

- 08:45 **De Novo Mitral Regurgitation as a Cause of Heart Failure Exacerbation in Hypertrophic Cardiomyopathy**
Rafael Kuperstein, Elad Maor, Dov Freimark, Michael Arad
The Leviev Heart Center, Sheba Medical Center, Tel Aviv University, Tel Aviv, Israel
- 09:00 **A 10 points Scoring for the Diagnosis of Takotsubo Cardiomyopathy (PLATIS-4)**
Elad Asher, Qasim Odeh, Dan Elian, Eyas Massalha, Arsalan Abu-Much, Asta Balchyunayte, Roy Beigel, Shlomi Matetzky
Leviev Heart Institute, Sheba Medical Center and Tel Aviv University, Tel-Hashomer, Israel
- 09:15 **Apical Diastolic Flow Reversal by Doppler May Increase Sensitivity for Detection of Apical Aneurysm in Patients with Hypertrophic Cardiomyopathy by Echocardiogram**
Sara Hoss¹, Andre Keren¹, Dan Gilon¹, Yelena Becker Milovanov², David Leibowitz¹, Ronen Beeri¹, Chaim Lotan¹, Ronen Durst¹
¹*department of cardiology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel*
²*department of radiology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel*
- 09:30 **Fifteen Years of Pericardiocentesis: Predictors for 30 Days Mortality, a Single Center Experience**
Tsafrir Or, Lev Bloch, Liora Livshitz, Doron Sudarsky, Muchamad Jabarin, Yoav Turgeman
Cardiology, Ha'Emek medical Center, Afula, Israel
- 09:45 **Acute Myocarditis: Clinical Features, ECG, Echocardiographic and Cardiac MRI Findings**
Abed El-rahim Samara¹, Ashraf Hamdan^{2,3}, Orly Goitein³, Eli Konen³, Eldad Rechavia¹
¹*Department of Cardiology, Rabin Medical Center, Israel*, ²*Department of Cardiology, Sheba Medical Center*, ³*Department of Radiology, Sheba Medical Center*

08:30-10:00 **S24 - Pharmacology and Prognosis** *Hall H*
Chairs: Arthur Pollak, Ophir Avizohar, Israel

- 08:30 **Long Term Adherence to Evidence-Based Cardioprotective Medications after Acute Myocardial Infarction and its Impact on Mortality**
Hatem Hamood¹, Rola Hamood², Ronit Almog², Manfred Green²
¹*Cardiology, Leumit Health Services and Bnai-Zion Medical Center, Haifa, Israel*, ²*School of Public Health, University of Haifa, Haifa, Israel*



- 08:42 **MTP R634C Mutation is associated with Reduced LDL Cholesterol in an Hypercholesterolemic Family**
Ronen Durst^{1,2}, Limor Yefet¹, Shoshi Shpitzen¹, Vardiella Meiner¹, Eran Leitersdorf¹
¹Center for treatment and prevention of atherosclerosis, Hadassah, Jerusalem, Israel, ²Cardiology, Hadassah, Jerusalem, Israel
- 08:54 **Medical Therapy and Coronary Revascularization for Patients with Stable Coronary Artery Disease and Unclassified Appropriateness Score**
Mony Shuvy¹, Helen Guo¹, Harindra C. Wijeyesundera¹, Christopher M. Feindel², Eric A. Cohen¹, Peter C. Austin³, Kori Kingsbury², Madhu K. Natarajan³, Jack V. Tu¹, Dennis T. Ko¹
¹Schulich Heart Centre, Sunnybrook Health Sciences Centre, Toronto, ²University of Toronto, University Health Network, Toronto, ³University of Toronto, Institute for Clinical Evaluative Sciences, Toronto, Canada
- 09:06 **Single Center Long Term Survival of Discharged Patients Admitted to Intensive Coronary Care Unit after Out of Hospital Sudden Cardiac Death**
Dante Antonelli, Menachem Nahir, Nahum Freedberg, Alexander Feldman, Ehud Rozner, Yoav Turgeman
Cardiology, Ha Emek Medical Center, Afula, Israel
- 09:18 **Pre-participation Screening of Athletes and Non-athletes: How Many Require Additional Tests? How Many are Ultimately Disqualified?**
Guy Topaz², Sami Viskin¹, Ben Sadeh¹, Arie Steinvil¹
¹Cardiology Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel ²Internal Medicine D, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel
- 09:30 **Aspirin Resistance in Patients with Chronic Renal Failure**
Leor Perl, Netta Lev, Asher Kurzits, Alejandro Solodky, Ran Kornowski, Eli Lev
Cardiology, Rabin Medical Center, Petach Tikva, Israel
- 10:00-10:30 **Coffee Break, Exhibition & E-Posters Visit**

10:30-12:30 **PL3 - 2nd Ceremony** *Hall ABC*
Chairs: Yoseph Rozenman, Gil Bolotin, Amit Segev, Erez Kachel, Israel

Scholarship & Awards of the Israel Heart Society

Ian J. Kellerman Young Investigator in Cardiology Award
Michel Mirowski Excellence in Cardiology Award
Richard, Hilda and Ezra Meltzer Memorial Award
Research Grant of the Israel Heart Society
Daniel Shiran Outstanding Cardiology Resident Award
Best Publication & Abstract Awards

Scholarship & Awards of the Israel Society of Cardio-Thoracic Surgery

Ami Cohen Young Investigators in Cardiac Surgery Awards
Hanoch Milwidsky Outstanding Cardiac Surgery Resident Awards

Joint Session: American College of Cardiology (ACC) - Israel Heart Society (IHS) *Hall ABC*

Chairs: Kim A. Williams, USA, Yoseph Rozenman, Israel

11:10 **Tough Choice - Diet and CV Disease: What is the Evidence?**

Kim A. Williams
Chicago, IL, USA

11:30 **Controversies in Guideline Development**

Patrick T. O'Gara
Boston, MA, USA

11:50 **Hybrid Coronary Revascularization: A New Treatment Paradigm for Selected Patients with CAD**

John Puskas
New-York, NY, USA

12:10 **"Completing the Task (Canadian style)": From Cardiac Researcher to Medtech Startup**

Bradley H. Strauss
Toronto, ON, Canada

12:30-14:20 **Lunch & Lunch Sessions, Exhibition & E-Posters Visit**

LS4 - Lunch session - Sponsored by Boehringer-Ingelheim

Stroke Prevention in Atrial Fibrillation - from RELY to REAL Life *Hall D*

Chairs: Shlomi Matetzky, Aharon Lubetsky

Panel Members:

Doron Zagher, Idit Dobrecky-Mery



Tuesday, April 14, 2015

12:30-14:20	LS5 - Lunch session - Sponsored by Novartis A Paradigm Shift in the Treatment of Patients with Heart Failure <i>Hall E</i> Chair: Offer Amir <u>John G. F. Cleland</u> <i>Hull York Medical School, UK</i> Open Discussion
12:30-14:20	LS6 - Lunch session - Sponsored by MSD Lipid Therapy - the Gap between EBM to Clinical Practice <i>Hall F</i> Chairs: Dror Harats, Chaim Lotan Lipid therapy in light of IMPROVE-IT results <u>Anselm K Gitt</u> <i>Vice President, Foundation Institut fur Herzinfarktforschung Ludwigshafen, Germany</i>
14:30-16:00	PL4 - Atrial Fibrillation: Current Approach and a Vision for the Future - Joint Session: American Heart Association (AHA) - Israel Heart Society (IHS) <i>Hall ABC</i> Chairs: Elliott M. Antman, USA, Yoseph Rozenman, Israel
14:30	Epidemiology of Atrial Fibrillation: Now and in The Future <u>Moti Haim</u> <i>Beer Sheva, Israel</i>
14:50	Atrial Fibrillation: Clinical Approach to Management <u>Elliott M. Antman</u> <i>Boston, MA, USA</i>
15:10	Mechanical Therapies for Atrial Fibrillation: Ablation, LA Occlusion <u>Michael Glikson</u> <i>Tel Hashomer, Israel</i>
15:30	MRI Imaging in Atrial Fibrillation <u>Jeffery J. Goldberger</u> <i>Chicago, IL, USA</i>
16:00-16:20	Coffee Break, Exhibition & E-Posters Visit
16:20-18:20	Parallel Sessions S25-S31
16:20-18:20	S25 - The Best of Acute Cardiovascular Care Express Communications <i>Hall A</i> Chairs: Eli Lev, Majdi Halabi, Israel
16:20	Blood Glucose Control in ACS Patients Treated with Vildagliptin VS. Standard Treatment <u>Idit Dobrecky-Mery</u> <i>Cardiology, Bnai-Zion, Haifa, Faculty of medicine, Technion, Haifa, Israel</i>

- 16:28 **Renal Safety in ACS Patients with Galvus (Vidagliptin) Treatment**
Idit Dobrecky-Mery^{1,2}, Adir Somer², Hammoud Mahmod¹, Eugeny Radizishevsky¹, Elena Rivlin¹, Uri Rosenschein^{1,2}
¹Cardiology department, Bnai-Zion Hospital, Haifa, ²Faculty of medicine, Technion, Haifa, Israel
- 16:36 **Advanced Cardiac Procedures - A Blessing but also a Burden (PLATIS-9)**
Elad Asher, Avi Sabbag, Isarel Mazin, Romana Herscovici, Roy Beigel, Shlomi Matetzky
Cardiology, Leviv Heart Center, Sheba Medical Center, Tel Hashomer, Israel, Ramat-Gan, Israel
- 16:44 **Early Rather than Immediate PCI in NSTEMI; is Time Equal to Muscle Once Again?**
Shemy Carasso^{1,2}, Fabio Kuzniec¹, Yevgeni Hazanov¹, Yusra Halahla¹, Diab Ghanem¹, Offer Amir^{1,2}
¹Cardiology, B Padeh Medical Center, Tiberias, ²Galilee Faculty of Medicine, Bar-Ilan University, Zfat, Israel
- 16:52 **The "Burden" of Malignancy at Intensive Cardiac Care Unit (PLATIS-3)**
Israel Mazin, Elad Asher, Paul Fefer, Avi Sabbag, Romana Herscovici, Ehud Regev, Arwa Younis, Roy Beigel, Shlomi Matetzky
Leviv Heart Institute, Sheba Medical Center, Israel
- 17:00 **Incident Cancer Rates in Consecutive Percutaneous Coronary Intervention Patients' Cohort: Single-Center Experience**
Zaza Jakobishvili, Tamir Bental, Abid Assali, Hana Vaknin, Ran Kornowski
Department of Cardiology, Rabin Medical Center, Petah Tikva, Israel
- 17:08 **Mortality Rates from Acute Coronary Syndrome Octogenarian Patients in Israel during the Period 2000-2013**
Michael Shechter, Ilan Goldenberg, Shlomi Matetzky, on behalf of the ACSIS investigators
Leviv Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Chaim Sheba Medical Center, Tel Hashomer and the Sackler Faculty of Medicine, Tel Aviv University, Israel
- 17:16 **Contemporary Evaluation of Non-surgical Causes of Cardiac Tamponade: Acute and Long-Term Outcomes**
Adi Orbach, Jorge Schliamser, Moshe Y Flugelman, Barak Zafrir
Department of Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, Israel



- 17:24 **Norton Scale for Predicting Prognosis in Elderly Patients Undergoing Primary Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction**
Eran Leshem Rubinow^{1,3}, Eyal Ben Assa^{1,3}, Arie Steinvil^{1,3}, Arie Roth^{1,3}, Gad Keren^{1,3}, Dan Justo^{2,3}, Yacov Shacham^{1,3}
¹Cardiology, Tel Aviv Medical Center, Tel Aviv, ²Geriatrics, Sheba Medical Center, ³Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 17:32 **High Platelet Count in Patients with Acute Anterior STEMI Undergoing Primary Angioplasty is associated with Reduced Coronary and Myocardial Flow and Reduced Left Ventricular function**
Dawod Sharif^{1,2}, Mira Abu Salem², Amal Sharif-Rasslan³, Uri Rosenschein^{1,2}
¹Cardiology, Bnai Zion Medical Center, Haifa, ²Faculty of Medicine, Technion, Haifa, ³Science and Technology, Technion, Haifa, Israel
- 17:40 **Abdominal Aortic Aneurysm Using a Portable Transthoracic Echocardiography among Patients with Acute Coronary Syndrome: To Screen or Not to Screen?**
Mohamed Jabaren^{1,2}, Yousef Shukha², Leonid Chervinski^{1,2}, Tsafrir Or^{1,2}, Ehud Rozner^{1,2}, Lev Bloch^{1,2}, Yoav Turgeman^{1,2}
¹Cardiology Department, Haemek Medical Center, Afula, ²Medicine, Rappaport Faculty of Medicine- Technion, Haifa, Israel
- 17:48 **The Efficacy and Safety of Evaluating Elderly Patients Using an Accelerated Diagnostic Protocol via a Chest Pain Unit (PLATIS-8)**
Roy Beigel^{1,2}, Moran Livne^{1,2}, Avi Sabbag^{1,2}, Elad Maor^{1,2}, Orly Goitein^{1,2}, Ronen Goldkorn^{1,2}, Alex Fardman^{1,2}, Elad Asher^{1,2}, Shlomi Matetzky^{1,2}
¹Leviev Heart Institute, Sheba Medical Center and Tel Aviv University, Tel-Hashomer, ²Sackler school of medicine, Tel Aviv University, Israel
- 17:56 **Effects of Renal Function on Coronary Flow and Left Ventricular Systolic Function in Patients with Acute ST Elevation Myocardial Infarction (STEMI) Undergoing Primary Angioplasty**
Dawod Sharif^{1,2}, Johnny Abu-Rizq², Amal Sharif-Rasslan³, Uri Rosenschein^{1,2}
¹Cardiology, Bnai Zion Medical Center, Haifa, ²Faculty of Medicine, Technion, Haifa, ³Science and Technology, Technion, Haifa, Israel
- 18:04 **Lower Uric Acid Blood Level in Anterior Myocardial Infarction Treated by Primary Angioplasty is Associated with Better Coronary Flow and Left Ventricular Systolic Function**
Dawod Sharif^{1,2}, Wisam Abo-Zaid², Amal Sharif-Rasslan³, Uri Rosenschein^{1,2}
¹Cardiology, Bnai Zion Medical Center, Haifa, ²Faculty of Medicine, Technion, Haifa, ³Science and Technology, Technion, Haifa, Israel

18:12 **Outcome of Acute Coronary Syndrome Octogenarian Patients in Israel**
Michael Shechter, Ilan Goldenberg, Shlomi Matetzky
Leviev Heart Center, Chaim Sheba Medical Center, Tel Hashomer, on behalf of the ACSIS investigators, Chaim Sheba Medical Center, Tel Hashomer and the Sackler Faculty of Medicine, Tel Aviv University, Israel

16:20-18:20 **S26 - Coronary Interventions B** Hall B
Chairs: Reuven Ilia, Aharon Frimerman, Israel

16:20 **Should Bilateral Internal Thoracic Artery Grafting be used in Patients with Peripheral Vascular Disease?**
Nadav Teich¹, Rephael Mohr¹, Zvika Raviv¹, Benni Medalion², Nahum Neshier¹, Amir Kremer¹, Josef Paz¹, Dimitry Pevni¹, Yanay Ben-Gal¹
¹*Cardiothoracic surgery, Ichilov, Tel-Aviv medical center, Tel-Aviv,*
²*Cardiothoracic surgery, Belinson, Petach-Tiqva, Israel*

16:30 **A Randomized Trial of External Stenting for Saphenous Vein Grafts in Coronary Artery Bypass Grafting: The Venous External Support Trial (VEST)**
Yanai Ben-Gal¹, Eyal Orion², Belinda Lees³, Niket Patel⁴, Carolyn Webb⁵, Syed M. Rehman⁹, Anthony Desouza⁶, Rashmi Yadav⁶, Fabio De Robertis⁷, Miles Dalby⁸, Adrian Banning⁴, Keith M. Channon⁴, Carlo Di Mario⁵, David P. Taggart⁹
¹*Department of Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center,*
²*VGS, Vascular Graft Solutions LTD, 24 Raoul Wallenberg Street, Tel Aviv, Israel*
³*Clinical Trials and Evaluation Unit, Royal Brompton and Harefield NHS Foundation Trust, London,*
⁴*Department of Cardiovascular Medicine, University of Oxford, John Radcliffe Hospital,, Oxford,* ⁵*Department of Cardiology, Royal Brompton Hospital,* ⁶*Department of Cardiothoracic Surgery, Royal Brompton Hospital,* ⁷*Department of Cardiothoraci Surgery, Harefield Hospital,* ⁸*Department of Cardiology, Harefield Hospital, London,* ⁹*Nuffield Department of Surgery, University of Oxford, John Radcliffe Hospital, Oxford, UK*

16:40 **Long Term Follow Up of Coronary Bypass Patients with Pre-operative and New Post-operative Native Coronary Arteries Chronic Total Occlusions**
David Pereg^{1,2}, Paul Fefer³, Mony Shuvi², John Sparkes², Stephan Fremes², Bradley H. Strauss²
¹*Cardiology, Meir Medical Center, Kfar Saba, Israel*
²*Schulich Heart centre, Sunnybrook hospital, Toronto, Canada*
³*Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel*



- 16:50 **Predictors for Crossover from One Stent to 2 Stent Techniques While Treating Coronary Bifurcation Lesions**
Gabriel Greenberg, Ran Kornowski, Hana Vaknin Assa, Tamir Bental, Eli Lev, Abid Assali
Cardiology, Rabin Medical Center, Petach-Tikva, Israel
- 17:00 **Prevalence and Significance of Unrecognized Renal Insufficiency in Patients with ACS**
Zach Rozenbaum¹, Yoram Neuman², Meital Shlezinger³, Ilan Goldenberg³, Morris Mosseri², David Pereg²
¹*Department of Internal Medicine D, Tel Aviv Sourasky Medical Center, Tel Aviv*, ²*Department of Cardiology, Meir Medical Center, Kfar Saba*, ³*Department of Cardiology, Sheba Medical Center, Tel Hashomer, Israel*
- 17:10 **The Impact of Post-percutaneous Coronary Intervention Red-blood-Cell Transfusion on Long-Term Mortality**
Giora Weisz, Yaron Almagor, Jonathan Blakin, Adi Butnaru, Rivka Farkash, Shmuel Gottlieb, Michael Ilan, Zahi Khuri, Marc Klutstein, Aharon Medina, David Meerkin, Mady Muriel, David Rosenmann, Yosef Shaheen, Dan Tzivoni
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel
- 17:20 **Bilateral Internal Thoracic Artery Grafting in Patients with Severe Left Ventricular Dysfunction: Early and Long-term Survival-outcomes**
Oren Lev-Ran, Menahem Matsu, Dan Abramov, Lior Raichel, Leonid Ruderman, Mahmud Abu-Salah, Gideon Sahar
The Department of Cardiothoracic surgery, Soroka university medical center, Beer-Sheva, Israel
- 17:30 **Non-ST Elevation Myocardial Infarction; Can the Interventional Cardiologist Reliably Identify the "Culprit Artery"?**
Roman Nevzorov, Fabio Kuzniec, Diab Ganem, Dahud Qarawani, Nabeeh Salman, Shemy Carasso, Offer Amir
Cardiology, Baruch Padeh Medical Center, Bar Ilan University, Poriya, Israel
- 17:40 **A Novel Intra-Aortic Device Designed for Coronary Blood Flow Amplification in Unrevascularizable Patients**
Udi Nussinovitch¹, Yair Feld²
¹*Department of Internal Medicine "A", Rambam Health Care Campus, Haifa*, ²*Department of Cardiology, Rambam Health Care Campus, Haifa, Israel*

- 17:50 **Outcomes of STEMI Patients With Diabetes Compared With Patients Without Diabetes Undergoing Primary Percutaneous Coronary Intervention Using Drug Eluting Stents and Bare Metal Stents**
Adaya Weissler-Snir^{1,2}, Eli Lev^{1,2}, Hana Vaknin Assa^{1,2}, Gabi Grinberg^{1,2}, Tamir Bental^{1,2}, Ran Kornowski^{1,2}, Abid Assali^{1,2}
¹Cardiology, Rabin Medical Center, ²Sackler Faculty of Medicine, Tel-Aviv University, Israel
- 18:00 **An Angiographic Score Proposal for Grading of Coronary Calcifications. IVUS - based Approach**
Ilya Litovchik^{1,3}, Alex Blatt^{1,2}, Victoria Rum³, Angela Elberg¹, Alberto Hendler^{1,3}
¹Intereventional Cardiology, Assaf Harofeh, ²ICCU, Assaf Harofeh, ³Heart Institute, Assaf Harofeh, Israel
- 18:10 **Jailed Sidebranch Access Through an MGuard Stent: Which Wire, What Effect?**
David Meerkin, Rachel M. Pachino, Yaron Almagor, Giora Weisz
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel
-
- 16:20-18:20 **S27 - Prevention and Risk Factors** Hall C
Chairs: Alex Gavish, Avital Porter, Israel
-
- 16:20 **Exercise Capacity can Significantly Improve SCORE Risk Prediction Model in Low Risk Asymptomatic Adults**
Ariel Israel¹, Shaye Kivity², Yechezkel Sidi², Shlomo Segev², Ilan Goldenberg², Elad Maor²
¹Family Medicine, Clalit Health Services, Jerusalem, ²Leviev Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Israel
- 16:32 **Platelet Function Predicts Long-term Cardiovascular Events in Subjects without Heart Disease**
Shlomi Matetzky^{1,2}, Alon Shechter^{1,2}, Hanoch Hod^{1,2}, Roy Beigel^{1,2}, Nira Koren-Morag², Michael Shechter^{1,2}
¹Leviev Heart Center, Sheba Medical Center, Tel Hashomer, ²The Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 16:44 **Cardiorespiratory Fitness and Coronary Artery Calcification: Complementary Cardiovascular Risk Predictors in Asymptomatic Type 2 Diabetics**
Barak Zafri¹, Mohanad Azaiza¹, Tamar Gaspar², Ildit Dobrecky-Mery³, Mali Azencot¹, Basil S. Lewis¹, Ronen Rubinshtein¹, David A. Halon¹
¹Department of Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, ²Department of Radiology, Lady Davis Carmel Medical Center, Haifa, ³Department of Cardiology, Bnai Zion Medical Center, Haifa, Israel



- 16:56 **Exercise Blood Pressure and the Risk for Future Hypertension among Normotensive Middle Aged Adults**
Assaf Berger¹, Ehud Grossman^{2,6}, Moshe Katz¹, Shaye Kivity^{3,6}, Robert Klempfner^{1,6}, Shlomo Segev⁴, Ilan Goldenberg^{1,6}, Yehezkel Sidi^{3,6}, Elad Maor^{1,5}
¹Leviev Heart Center, Chaim Sheba Medical Center, ²Department of Internal Medicine D, Chaim Sheba Medical Center, ³Department of Internal Medicine C, Chaim Sheba Medical Center, ⁴Institute for Medical Screening, Chaim Sheba Medical Center, ⁵Pinchas Borenstein Talpiot Medical Leadership Program, Chaim Sheba Medical Center, ⁶Sackler School of Medicine, Tel-Aviv University, Israel
- 17:08 **Admission Plasma Glucose levels Within the Normal to Mildly Impaired Range and the Outcome of Patients with Acute Coronary Syndrome**
Kirill Buturlin¹, Yoram Neuman¹, Meital Shlezinger², Ilan Goldenberg², Morris Mosseri¹, David Pereg¹
¹Department of Cardiology, Meir Medical center, Kfar Saba, ²Department of Cardiology, Sheba Medical Center, Tel Hashomer, Israel
- 17:20 **Neutrophil to Lymphocyte Ratio Is associated with Increased Risk of New Onset Atrial Fibrillation among Asymptomatic Young Adults**
Anat Berkovitch^{1,2}, Eran Kopel¹, Shlomo Segev⁴, Shaye Kivity^{3,5,6}, Yechezkel Sidi^{3,6}, Ilan Goldenberg^{1,6}, Elad Maor^{1,5}
¹Leviev Heart Institute, Sheba Medical Center, Tel Hashomer, ²Department of Internal Medicine D, Sheba Medical Center, Tel Hashomer, ³Department of Internal Medicine C, Sheba Medical Center, Tel Hashomer, ⁴Institute for Medical Screening, Sheba Medical Center, Tel Hashomer, ⁵Pinchas Borenstein Talpiot Medical Leadership Program, Sheba Medical Center, Tel Hashomer, ⁶Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
- 17:32 **Usefulness of Brachial Flow-mediated Dilation and Platelet Function to Predicts Long-term Adverse Clinical Events in Subjects without Heart Disease**
Michael Shechter^{1,2}, Alon Shechter^{1,2}, Hanoch Hod^{1,2}, Roy Beigel^{1,2}, Nira Koren-Morag², Shlomi Matetzky^{1,2}
¹Leviev Heart Center, Sheba Medical Center, Tel Hashomer, ²The Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 17:44 **Impaired Endothelial Function Associated With Complicated Pregnancies**
Avital Porter¹, Ilana Gezel¹, Arnon Wiznizer², Ran Kornowski¹
¹Cardiology, Rabin medical Center, Petah Tikva, Israel
²Obstetrics and gynecology, Rabin Medical Center, Petah Tikva, Israel

- 17:56 **Aging Is associated With Endothelial Dysfunction in Healthy Men and Women**
Michael Shechter^{1,2}, Alon Shechter^{1,2}, Nira Koren-Morag², Micha Feinberg^{1,2}
¹Leviv Heart Center, Chaim sheba Medical Center, Tel Hashomer, Israel
²The Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
-
- 16:20-18:20 **S28 - Electrophysiology - Devices** Hall D
Chairs: Ilan Goldenberg, Alon Barsheshet, Israel
-
- 16:20 **Heart Failure Patients with Left Ventricular Dysfunction and a Normal QRS May Widen QRS during Follow-up and Become CRT Candidates**
Tal Hasin, Moshe Rav-acha, Aharon Medina, Natali Shaltiel, Michael Ilan, Marc Klutstein, Adi Butnaru, David Rosenmann, Rivka Farkash, Tatyana Weitsman, Giora Weisz
Department of Cardiology, Shaare Zedek MC, Jerusalem, Israel
- 16:35 **Gender Related Differences in Procedural Conduction Defects and Permanent Pacemaker Recipients Post Transcatheter Aortic Valve Replacement**
Israel Mazin, Eyal Nof, Amit Segev, David Bar-Lev, Victor Guetta, Igor Lipchencu, Paul Fefer, Osnet Gurevitz, Noam Fink, Stephan Bogdan, Aharon Erez, Ehud Regev, Anat Berkovitch, Yoni Grossman, Elad Maor, Ashraf Hamdan, Ilan Goldenberg, Ilan Hay, Dan Spiegelstien, Israel Barbash, Michael Eldar, Michael Glikson, Roy Beinart
Leviv Heart Institute, Sheba Medical Center, Israel
- 16:50 **Relative Wall Thickness and the Risk of Ventricular Tachyarrhythmias in Patients with Systolic Heart Failure Enrolled in MADIT-CRT**
Yitschak Biton², Ilan Goldenberg², Valentina Kutya², Scott Solomon³, Arthur J. Moss², Scott McNitt², Slava Polonsky², Wojciech Zareba², Alon Barsheshet^{1,2}
¹Cardiology Department, Rabin Medical Center, Petach Tikva, Israel
²Cardiology Division, University of Rochester Medical Center, Rochester, New York, USA, ³Cardiology Division, Brigham and Women's Hospital, Boston, Massachusetts, USA
- 17:05 **Clinical Outcomes of Single vs. Dual Chamber Implantable Cardioverter Defibrillators: Lessons from the Israeli ICD Registry**
Yuval Konstantino¹, Mahmoud Suleiman², Jeremy Boxer³, Ilan Goldenberg⁴, Michael Glikson⁴, Moti Haim¹
¹Cardiology, Soroka Medical Center, Beer Sheva, ²Cardiology, Rambam Medical Center, Haifa, ³Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, ⁴Cardiology, Sheba Medical Center, and the Israeli Association for Cardiovascular Trials (IACT) Neufeld Cardiac Research Institute, Tel Hashomer, Israel



17:20 **High Rates of Response to Cardiac Resynchronization Therapy among Patient with "Atypical-LBBB" Pattern**

Avi Sabbag, Natalia Vedernikova, Roy Beinart, Igor Lipchentaca, Osnat Gurevich, Stefan Bogdan, Refael Kuperstein, Micha S. Feinberg, Michael Eldar, Ilan Goldenberg, Michael Glikson, Eyal Nof
Cardiology, Chaim Sheba Medical Center, Tel Hashomer, Rama- Gan, Please Select, Israel

17:35 **Early Superficial Device Pocket Infection - is there Room for Conservative Treatment?**

Arwa Younis¹, Asaf Maouz², Michael Eldar¹, Roy Beinart¹, Eyal Nof¹, Sharona Bachar¹, David Bar-Lev¹, Igor Lipchenca¹, Osnat Gurevitz¹, Stefan Bogdan¹, Michael Glikson
¹*Davidai Arrhythmia Center, Sheba Medical Center, Ramat-Gan,*
²*Pnimit F, Sheba Medical Center, Israel*

17:50 **Long Term Pacemaker Dependency Following Permanent Pacemaker Implantation in Transcatheter Aortic Valve Implantation patients**

Israel Mazin, Eyal Nof, Amit Segev, David Bar-Lev, Victor Guetta, Igor Lipchenca, Israel Barbash, Osnat Gurevitz, Paul Fefer, Avi Sabbag, Stephan Bogdan, Ilan Goldenberg, Ehud Regev, Noam Fink, Aharon Erez, Anat Berkovitch, Yoni Grossman, Elad Maor, Ashraf Hamdan, Ilan Hay, Dan Spiegelstien, Michael Eldar, Michael Glikson, Roy Beinart
Leviev Heart Institute, Sheba Medical Center, Israel

18:05 **Characteristics and Outcomes of Atrial Fibrillation Patients Implanted with Cardioverter-Defibrillator or Cardiac Resynchronization Therapy in a Real World Setting: Data from the Israeli ICD Registry**

Nicholay Teodorovich¹, Yoni Kogan¹, Ofir Paz¹, Ilan Goldenberg², Moshe Swissa¹
¹*Electrophysiology Unit, Kaplan Hospital, Rehovot,*
²*Cardiology, Sheba Hospital, Ramat-Gan, Israel*

16:20-18:20 **S29 - The Israeli Working Group on Echocardiography & Israel Society of Cardiothoracic Surgery**

Hall E

Chairs: Yaron Shapira, Yoram Agmon, Ehud Raanani, Israel

16:20 **The FDA PROACT Trial: Safe Management of Patients with Lower INR after Mechanical AVR**

John Puskas
New-York, NY, USA

- 16:35 **The Prevalence of Significant Functional Tricuspid Regurgitation at Mid-term Follow-up After Surgical Repair of Degenerative Mitral Regurgitation**
Mordehay Vaturi^{1,2}, Tali Kotler², Yaron Shapira^{1,2}, Daniel Weisenberg^{1,2}, Daniel Monakier^{1,2}, Alik Sagie^{1,2}
¹Cardiology, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel
²Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
- 16:47 **Long Term Survival of Patients Undergoing Triple Valve Surgery**
Shuli Silberman, Atiya Alshosha, Ofer Merin, Daniel Fink, Rachel Tauber, Daniel Bitran
Department of Cardiothoracic Surgery, Shaare Zedek Medical Center, Jerusalem, Israel
- 16:59 **Safety of Nitrates in Patients Presenting in Acute Pulmonary Edema with Concomitant Moderate and Severe Aortic Stenosis: A Retrospective Cohort Study**
David Claveau^{1,3}, Adam Piha-Gossack⁵, Sayuri Friedland⁴, Jonathan Afilalo², Lawrence Rudski², Lawrence Rudski
¹Emergency Medicine, McGill University, Montreal, Quebec, ²Cardiology, Jewish General Hospital-McGill, Montreal, ³Emergency Medicine, Centre de santé et de services sociaux de Trois-Rivières, Trois-Rivières, Quebec, ⁴Faculty of Medicine, University of Montreal, Montreal, ⁵Faculty of Medicine, University of Montreal, Montreal, Canada
- 17:11 **A New Parametric Biomechanical Model for Bicuspid Aortic Valves**
Karin Lavon¹, Rotem Halevi¹, Gil Marom², Sagit Ben Zekry³, Ehud Raanani⁴, Rami Haj-Ali¹
¹School of Mechanical Engineering, Faculty of Engineering, Tel Aviv University, Tel Aviv, Israel, ²Department of Biomedical Engineering, Stony Brook University, New York, USA, ³Echocardiography Laboratory, Chaim Sheba Medical Center, Tel Hashomer, Israel, ⁴Department of Cardio-thoracic Surgery, Chaim Sheba Medical Center, Tel Hashomer, Israel
- 17:23 **Determinants and Prognostic Implications of Left Ventricular Hypertrophy in Patients with Severe Aortic Stenosis and Preserved Left Ventricular Ejection Fraction**
Yoel Angel², Diab Mutlak^{1,2}, Jonathan Lessick^{1,2}, Izhak Kehat^{1,2}, Shimon Reisner^{1,2}, Yoram Agmon^{1,2}
¹Cardiology, Rambam Health Care Campus, Haifa, Israel
²Faculty of Medicine, Technion - Israel Institute of Technology, Israel
- 17:35 **Immediate and Late Results for Freestyle Aortic Root Bioprosthesis Implantation.**
Esther Arfi-Levy, Yossi Paz, Nachum Neshet, Dimitri Pevni, Gideon Uretzky, Rephael Mohr, Yanai Ben-Gal, Amir Kramer
Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel



- 17:47 **Sutureless Valve in Comparison with Stented Valve in Patients with Small Annulus**
Amjad Shalabi¹, Danny Spiegelstein¹, Amihai Sheinfeld¹, Alexander Lipey¹, Alexander Kogan¹, Rafael Kuperstein², Michael Feinberg², Ehud Raanani¹
¹Cardiac Surgery, Sheba medical center, ²Echocardiographic unit, Sheba medical center, Israel
- 17:59 **Surgery for Active Aortic Valve Endocarditis: Recurrence, Reoperation and Survival-Outcomes**
Oren Lev-Ran, Menahem Matsa, Dan Abramov, Lior Raichel, Leoind Ruderman, Mahmud Abu-Salah, Gideon Sahar
The Department of Cardiothoracic surgery, Soroka University Medical center, Beer-Sheva, Israel
- 18:11 **Minimal Invasive Mitral Valve Repair: Late Outcomes**
Eyal Ran Nachum, Dan Spiegelstein, Sergey Preisman, Amihai Shinfeld, Ehud Raanani
Cardiac Surgery, Chaim Sheba Medical Center, Ramat Gan, Israel
-
- 16:20-18:20 **S30 - Pulmonary Hypertension** *Hall F*
Chairs: Israel Gotsman, Tal Hasin, Israel
-
- 16:20 **Chronic Thromboembolic Pulmonary Hypertension - what is the Place of PHT Specific Medication?**
Ioan M. Coman
Bucharest, Romania
- 16:40 **Impact of Serum Albumin Levels on Outcomes in Pulmonary Hypertension Due to Heart Failure**
Robert Dragu, Manhal Habib, Shmuel Rispler, Robert Zukerman, Doron Aronson
Cardiology, Rambam Health Care Campus, Israel
- 16:55 **Mean Pulmonary Arterial Pressure of 20-24 mmHg is not associated with Increased Risk of Long Term Mortality**
Elad Maor, Nadia Khalaily, Michael Segel, Amit Segev, Paul Fefer, Elad Asher, Victor Guetta, Israel Barbash
Leviev Heart Center, Sheba Medical Center, Ramat-Gan, Israel
- 17:10 **Prevalence of Left Heart Disease among Patients with Echocardiographically Determined Pulmonary Hypertension.**
Tatyana Weitsman, Giora Weisz, Rivka Farkash, Adi Butnaru, Marc Klutstein, David Meerkin, David Rosenmann, Tal Hasin
Cardiology, Shaare Zedek, Jerusalem, Israel
- 17:25 **Trends in Group II Pulmonary Hypertension during 20 Years of Follow-up**
Tatyana Weitsman, Giora Weisz, Adi Butnaru, David Meerkin, Rivka Farkash, Marc Klutstein, David Rosenmann, Tal Hasin
Cardiology, Shaare Zedek, Jerusalem, Israel

17:40 **Safety and Efficacy of Sildenafil for the Treatment of Residual Pulmonary Hypertension in the Perioperative Period after Pulmonary Endarterectomy**

Ido Firstenfeld¹, Alexander Kogan¹, Preisman Sergey², Leonid Sternik¹, Ehud Raanani¹, Hans-Joachim Schäfers³, Segel Michael⁴

¹Department of Cardiac Surgery, Sheba Medical Center, Ramat-Gan, Israel

²Department of Anesthesiology, Sheba Medical Center, Ramat-Gan, Israel

³Department of Cardiothoracic Surgery, Universitätsklinikum des Saarlandes, Homburg, Saarland, Germany

⁴Pulmonology Institute, Sheba Medical Center, Ramat Gan, Israel

17:55 **Assessment of Recruitment of Functional Pulmonary Microvascular Surface Area in the Determination of Exercise Limitation in Pulmonary Hypertension**

David Langleben¹, Stylianos Orfanos², Michele Giovinazzo¹, Robert Schlesinger¹, Fay Blenkhorn¹, Lyda Lesenko¹, John Catravas³

¹Center for Pulmonary Vascular Disease, Jewish General Hospital, Montreal, Canada, ²Critical Care, Attikon Hospital, Athens Haidari, Greece

³Reidy Research Center for Bioelectrics, Old Dominion University, Norfolk, Virginia, USA

16:20-18:20 **S31 - The New Biology of Cardiovascular Diseases**

Hall G

Chairs: Ronen Beeri, Izhak Kehat, Israel

16:20 **Genome Organization in Cardiac Hypertrophy - a Window into Cardiac Adaptation and Disease Progression**

Tal Golan Lagziel¹, Izhak Kehat^{1,2}

¹Department of Physiology, The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Haifa, ²The Research Institute and the Department of Cardiology, Rambam Medical Center, Haifa, Israel

16:35 **Underlying Mechanisms for the Pathological Structure and Function of Cardiac Mitochondria in the Setting of Chronic Kidney Disease**

Einat Hertzberg-Bigelman^{1,2}, Michal Entin-Meer¹, Genya Aharon-Hananel¹, Ran Levy¹, Lena Cohen^{1,2}, Ann Saada (Reisch)³, Gad Keren^{1,2}

¹The Laboratory of Cardiovascular Research, Department of Cardiology, Tel-Aviv Sourasky Medical Center, Tel-Aviv, ²Tel-Aviv Sourasky Medical Center, Tel-Aviv University, Tel-Aviv, ³Department of Genetic and Metabolic Diseases, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

16:50 **Heart Tissue Engineering: Ex Vivo Construction of Full Thickness Seeded Scaffolds via Perfusion Bioreactor, Mechanical Stretching, and Electrical Stimulation**

Maskit Gvirtz, Marcelle Machluf

biotechnology and food engineering, Technion - Israel Institute of Technology, Haifa, Israel



- 17:05 **Molecular Pathways Underlying Cardiac Remodeling**
Efrat Shuster^{1,2}, Offir Ertracht², Shaul Atar^{1,3}
¹Faculty Of Medicine, Bar-Ilan University, Safed, ²Eliachar Research Laboratory, Medical Center of the galilee, Nahariya, ³The Cardiology department, Medical Center of the galilee, Nahariya, Israel
- 17:20 **In Vivo Myocardial Ablation with Irreversible Electroporation**
Elad Maor, Yaniv Zager, David Kain, Jonathan Leor, Jonathan Leor
Tamman Cardiovascular Research Institute, Sheba Medical Center, Israel
- 17:35 **Human Cardiac Fibroblasts as a Potential Source for Enhanced Cardiomyocytes Differentiation**
Zeevi-Levin Naama, Neta Bachar-Erdman^{1,2}, Kurtzswald-Josefson Efrat, Joseph Itskovitz-Eldor², Dan Aravot¹, Yaron Barac¹
¹The Cardiothoracic Department, Rabin Medical Center, Petach-Tikva, ²Stem cell center, Faculty of Medicine, Technion- Israel Institute of Technology, Haifa, Israel
- 17:50 **Cardiac Economy and Cross-bridge Dynamics are Length Independent; Implications for the Frank-starling Law of the Heart**
Amir Landesbertg, Daria Amiad-Pavlov
Biomedical Engineering, Technion - IIT, Haifa, Israel
- 18:05 **Dismantling the Extracellular Matrix by Metalloproteinase Deteriorates Cardiac Diastolic Function without Affecting the Maximal Elastance: Implications for Cardiac Inflammatory Diseases**
Galit Ankri-Eliahu, Amir Landesberg¹, Giora Landesberg,
¹Biomedical Engineering, Technion - IIT, Haifa, ²Hadassah Medical Center, Hadassah Medical Center, Jerusalem, Israel
-
- 18:20-20:00 **Annual General Assembly of the Israel Heart Society and Introduction of the New Board for 2015-2017** *Hall F*
-