



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

PROGRAM

MONDAY, APRIL 13, 2015

07:00-08:30, Registration

07:00-08:00, Cardiovascular Surgery, Workshops

**08:30-10:30, Joint Session: L'Association Franco-Israelienne de Cardiology
(AFICARDIO) - Israel Heart Society**

Perspectives in Aortic Valve Diseases, Hall A

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

Helene Eltchaninoff, Rouen, 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

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

Adaya Weissler-Snir^{1,2}, Chen Gurevitch², 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}

¹Cardiology, Rabin Medical Center, ²Sackler 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

Tamir Bental^{1,2}, Abid Assali^{1,2}, Eli I Lev^{1,2}, Gabriel Greenberg^{1,2}, Hana Vaknin-Assa^{1,2}, Ran Kornowski^{1,2}

¹Cardiology Department, Rabin Medical Center (Beilinson and Golda/Hasharon hospitals), Petach Tikva, ²Sackler" 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

¹Department of Cardiology, Rabin Medical Center, Petach Tikva, Israel, ²Department 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 Radzishhevsky¹, Nemer Samnia¹, Ilan Goldenberg², Uri Rosenschein¹

¹Cardiology, Bnai Zion Medical Center, ²Cardiology, 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

¹Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, ²Department of Cardiology, Tel-Aviv Medical Center, Affiliated to Sackler Faculty of Medicine, Tel-Aviv University, Tel Aviv, ³Department of Cardiology, Bnai-Zion Medical Center, Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, ⁴Department of Biomedical Engineering, Technion Israel Institute of Technology, Haifa, Israel

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}, Abid Assali^{1,2}, Eli Lev^{1,2}, Gabi Greenberg^{1,2}, Ran Kornowski^{1,2}
¹Interventional Cardiology, Rabin Medical Center, Petach Tikva, ²The "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

¹Cardiology, Baruch Padeh Medical Center, Bar Ilan University, Poriya, ²Microbiology, Baruch Padeh Medical Center, Bar Ilan University, Poriya, Israel

08:30-10:30, Clinical EP, Hall C

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

¹Cardiology, Tel Aviv Sourasky Medical Center and Sackler School of Medicine, Israel ²Cardiology, 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, Petah 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
¹*Cardiology, 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
¹*Cardiology, Rambam Health Care Campus, Haifa, Israel*
²*Cardiology, Toronto General Hospital, Toronto, Canada*
³*Molecular 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 Arnson^{1,2,3}, Moshe Hoshen², Orna Reges², Ran Balicer², Morton Leibowitz², Moti Haim^{1,2,3}
¹*Cardiology, 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 Arnson^{1,5}, Hagai Weinberg^{2,5}, Moshe Hoshen³, Orna Reges³, Ran Balicer³, Morton Leibowitz³, Moti Haim^{1,4,5}
¹*Cardiology 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
¹*Cardiology Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, ²Internal Medicine D, Tel-Aviv Sourasky Medical Center, Tel Aviv, 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 Ioffe^{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 JJT 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

¹Pediatric Cardiology, Hillel Yaffe Medical Center, Hadera, ²Premature 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, Epidemiology, Hall E

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
¹*Department of Cardiology, Tel Aviv Sourasky Medical Center,* ²*Israel 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}
¹*Department of Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University,* ²*Stroke 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 Perelshtein 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 Iakobishvili¹, 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

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}
¹*Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv*, ²*Quality Unit, Rabin Medical Center, Petach Tikva*, ³*School of Electrical Engineering - Systems, Tel Aviv University, Tel Aviv*, ⁴*Lung Institute, Sheba Medical Center, Ramat Gan*, ⁵*Cardiology, 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
¹*Hadassah-Hebrew University Hospital, Jerusalem*, ²*CardioLogic Innovations, Neve Ilan*,
³*Department of Biomedical Engineering, Tel Aviv University, Israel*
⁴*Athens University Hospital, Attikon, Athens, Greece*
⁵*Oklahoma 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
¹*Epidemiology, Tel Aviv University, Israel* ²*Health 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 Golland¹
¹*Heart Institute, Kaplan Medical Center, Affiliated to the Hebrew University and Hadassah Medical School, Jerusalem, Rehovot*, ²*Department 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
¹*Cardiology, Tel Aviv Medical Center, Tel Aviv, N/A*, ²*Radiology, 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
¹*Heart Institute, Chaim Sheba Medical Center*, ²*Internal 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, ACS - Issues in Acute Management, Hall G

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 Brenner¹, 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 Finkelstein, 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, Eyal 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 Brenner¹, 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

In Memory of Dr. Michael Davidson
Sary F. Aranki, Boston, MA, USA

08:35

Is Bilateral Internal Thoracic Artery Grafting Appropriate for Emergency Patients?

Avner Nevo¹, Rephael Mohr¹, Amir Ganiel¹, Amir Kramer¹, Benjamin Medalion², Yosef Paz¹, Nachum Neshet¹, Dmitry Pevni¹, Yanai Ben-Gal¹

¹Dept. of Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center, Faculty of Medicine, Tel Aviv University, Tel Aviv, ²Dept. of Cardiothoracic Surgery, Rabin Medical Center, Petah Tikva, Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

08:47

Frailty Index as an Adjunctive Tool for Surgical risk Assessment and Hospitalization Duration in OpenHeart Surgery Patients

Yaron Barac¹, Efrat Kurtzwald-Josefson¹, Robert Klempfner³, Nir Shlomo³, Victor Rubchevsky¹, Inbal Grossman¹, Irit Glik¹, Einat Kodesh², Batya Engel-Yeger², Sharony Ram, Eitan Snir, Philip Biderman,

¹The Cardiothoracic Department, Rabin Medical Center, Petach-Tikva, ²The Therapy Department, Faculty of Social Welfare and Health Sciences, Haifa University, Haifa, ³The rehabilitation department, Sheba medical center, Ramat-Gan, Israel

08:59

TAVI vs. AVR: Is the Patient's Cognitive State Affected by the Number of Emboli as Detected by Transcranial Doppler Ultrasound?

Tom Friedman¹, Ziv Beckerman¹, Rony-Reuven Nir¹, Avishai Ziser², Arthur Kerner³, Gil Bolotin¹

¹Department of Cardiac Surgery, Rambam Health Care Campus, and Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, ²Anesthesia, Rambam Health Care Campus Technion, Haifa, ³cardiology, Rambam Health Care Campus Technion, Haifa, Israel

09:11

Arterial Coronary Artery Bypass Grafting-is associated with Improved Long-term Survival in Elderly Patients.

Shimrit Eliyahu, Benjamin Medalion, Rephael Mohr, Zvi Raviv, Amir Kramer, Nachum Neshet, Yanai Ben Gal, Yosef Paz, Dmitry Pevni

Cardiac Surgery Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel

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)

Amit Gordon¹, Dmitry Pevni¹, Rephael Mohr¹, Yanai Ben Gal¹, Arie Steinvil¹, Ariel Finkelstein², Amir Kramer¹

¹Cardiac Surgery Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, ²Cardiology Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel

09:35

Calcified Unclampable 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

¹Department of Cardiac Surgery, Rambam Health Care Campus, and Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel

²University Clinic for Cardiovascular Surgery, Inselspital, Bern, Switzerland,

³Heart Center Leipzig, University of Leipzig, Leipzig, Germany

⁴University Hospital, University Hospital Zurich, Zurich, Switzerland

⁵University 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

¹Cardiac Surgery, Sheba Medical Center, ²Cardiac 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, Exhibition

11:00-12:30, 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

12:00

Neufeld Memorial Lecture Cardiovascular Imaging for Risk Stratification in Sudden Cardiac Death

Jeroen J. Bax, Leiden, the Netherlands

**12:30-14:20, Lunch session – Sponsored by Pfizer
Practical Controversies in NOACs – 2015, Hall D**

**12:30-14:20, Lunch session – Sponsored by AstraZeneca
DAPT – The Longer the Better? Hall E**

**12:30-14:20, Lunch session – Sponsored by Medtronic
Innovations in Cardiovascular Medicine- Detection, Prevention, and Treatment, Hall F**

12:30-14:30, Annual General Assembly of the Israel Society of Cardiothoracic Surgery

14:30-16:00, Joint session – European Society of Cardiology (ESC) - Israel Heart Society (IHS)

Chairs: Fausto J. Pinto, Yoseph Rozenman, Hall ABC

14:30

The Role of Scientific Societies in Promoting Good Clinical Practice

Fausto J. Pinto, Lisbon, Portugal

14:50

TBA

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

16:00-16:15 Coffee Break, Exhibition & E-Posters Visit, Exhibition

16:20-18:20, Echocardiography - General, Hall A

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 Beeri¹¹, 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, HaEmek 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 Beeri¹¹, 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}

¹Cardiology, 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

17:40

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* ²*Cardiology, 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, Atilla Bulut², Petachia Reissman⁴, Leah Y. Gavish¹
¹*Institute of Medical Research (IMRIC), Faculty of Medicine, The Hebrew University of Jerusalem,*
²*Cardiology, Hadassah University Hospital, Jerusalem,* ³*Vascular Surgery, Hadassah University Hospital, Jerusalem,* ⁴*Surgery, 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
¹*Cardiology, Rabin Medical Center, Beilinson Hospital, Petach Tikva, Israel*
²*Cardiology, Massachusetts General Hospital, Boston, Massachusetts, USA*

16:20-18:20, Trans Catheter Aortic Valve Implantation (TAVI), Hall B

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}
¹*Department of Cardiology, Rabin Medical Center, Petach Tikva,* ²*Sackler 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}
¹*Department of Cardiology, Rabin Medical Center, Petach Tikva,* ²*Sackler 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 Spiegelstein^{1,2}, Ehud Raanani^{1,2}, Victor Guetta^{1,2}, Amit Segev^{1,2}

¹Leviv 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 Barbash¹, 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

¹Leviv 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 Transcatheter Aortic Valve Replacement

Sa'ar Minha^{1,3}, Marco De Magalhaes³, Ricardo O. Escarcega³, Israel M. Barbash², 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, Zierffin, 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 Transfemoral Aortic Valve Implantation

Noam Fink, Victor Guetta, Amit Segev, Israel Barbash, Andrada Bogdan, Ashraf Hamdan, Israel Mazin, Elad Maor, Ilan Hay, Danny Spiegelstein, Ilan Goldenberg, Paul Fefer
Leviv 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 Kupersmidt, 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 Iliofemoral 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, Electrophysiology: Ablations, Hall C

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, Clinical Heart Failure, Hall D

16:20

John G. F. Cleland, Yorkshire, UK

16:40

Paul J. Hauptman, St. Louis, MO, USA

17:00 – Questions

17:05

Endothelial Nitric Oxide Synthase G-allele Homozigosity of the G894T Polymorphism is associated with Increased Mortality in Systolic Heart Failure Patients

Barak Zafrir¹, Naiel Azzam², Fuad Fares², Yoav Smith³, Nabeeh Salman⁴, Roman Nevzorov⁴, Offer Amir⁴

¹Department of Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, ²Department

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, Rehabilitation & Exercise Physiology, Hall E

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

Ronit 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

¹*Cardiology, Rabin Medical Center,* ²*Medical 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

¹*Biomedical Engineering, Tel Aviv University, Tel Aviv, Ramat Aviv,* ²*Institute 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}

¹*Heart Insitute, Haemek Medical Center, Afula,* ²*Internal Medicine E, Haemek Medical Center, Afula,* ³*Faculty of Medicine, Technion, Haifa, 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 Nesher, 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, Cardiovascular Imaging, 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

Shimon Kolker¹, Giora Wiesz¹, Naama Bogot², Irit Hadas Halpern², Mady Moriel¹, Arik Wolak¹
¹Cardiology, Shaare Tzedek Medical Center, Jerusalem, ²Radiology, 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

Yuval Shenkar¹, David A. Halon¹, Tamar Gaspar², Basheer Karkabi¹, Salim Halabi³, Sharbel Hashool², Nathan Peled², Ronen Rubinshtein¹
¹Cardiovascular Medicine, Lady Davis Carmel Medical Center, Haifa, ²Radiology, Lady Davis Carmel Medical Center, Haifa, ³Emergency 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

Nili Zafrir, 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

Orly Goitein¹, Vladimir Perkhulov², Yael Eshet¹, Ashraf Hamdan^{1,3}, Roy Beigel³, Elio Di Segni¹, Eli Konen¹, Shlomi Matetzky³
¹Diagnostic Imaging, Sheba Medical Center, Tel Hashomer, ²Diagnostic Imaging, Kaplan Medical Center, Rehovot, ³Leviev 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.

Orly Goitein, Ashraf Hamdan², Victor Guetta¹, Eli Konen², Paul Fefer¹, Elad Asher¹, Ilan Hay¹, Amit Segev¹, Israel Barbash¹

¹Interventional Cardiology, Leviev Heart Institute, Sheba Medical Center, ²Cardiovascular 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, Ian Kellerman Young Investigator Award Competition, Hall H

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, Hertzel Gerstein⁶, Amir Tirosh⁴

¹Department of Medicine B, Sheba Medical Center, ²The medical corps, Israeli Defense Forces³General manager, The Israeli Ministry of Health⁴The endocrinology and diabetes institute, Sheba Medical Center⁵The sleep Institute, Sheba Medical Center⁶Division 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

07:00-08:30, Registration

07:00-08:00, Cardiovascular Surgery Workshops

08:30-10:00, ACS & Beyond, Hall A

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
Cardiology, Rabin medical center, Petach Tikva, Israel

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}
¹Leviev Heat Institute, Sheba Medical Center, Tel Hashomer, ²The 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
Cardiology Department, intermediate care unit, Rambam MHC, Haifa, Israel, Israel

09:00

Gender Differences among Patients Evaluated for Low Medium Risk Acute Chest Pain (PLATIS-6)

Romana Herscovici¹, Roy Beigel¹, Elad Asher¹, Dan Oieru¹, Nir Shlomo⁵, 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 Tiqva,* 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
Cardiology, Tel-Aviv Sourasky Medical Center, Israel

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, TAVI - Joint session of The Israeli working group for Interventional Cardiology and The Israeli Society of Cardiothoracic Surgery, Hall B

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
¹Leviev Heart Center, Sheba Medical Center, ²Department of Cardiology, Rabin Medical Center, ³Department 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

TBA

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 Kupersmidt¹, 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 Kogan¹
¹Department of Cardiac Surgery, Sheba Medical Center, Ramat-Gan, ²Cardiology Institute, Sheba Medical Center, Ramat-Gan, Israel

08:30-10:00, Macrophages: New Frontiers in Cardio Vascular Medicine

Joint Session Israel Society for Heart Research (ISHR) - Israel Heart Society, Hall C

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 Ankri³, 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, Electrophysiology – Miscellaneous, Hall D

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

¹*Davidai Arrhythmia Center, Leviev Heart Institute, Sheba Medical Center, Ramat-Gan,*

²*Cardiovascular 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, Petah 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

¹*Cardiology, Carmel Medical Center, Haifa,* ²*Cardiology, 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

¹*Cardiology, Chaim Sheba medical center, Tel Hashomer, Ramat-Gan, Please Select,* ²*Cardiology,*

Rambam Health Care Campus, Haifa, ³*Cardiology, Tel Aviv Sourasky Medical Center, Tel –Aviv,*

⁴*Cardiology, Assaf Harofeh Medical Center, Zerifin,* ⁵*Cardiology, Bikur Cholim Hospital,*

Jerusalem, ⁶*Cardiology, Rabin Medical Center, Beilinson Campus, Petach-Tikva,* ⁷*Cardiology,*

Baruch Padeh Poria Medical Center, Poriya, Israel

09:45

Heritability of Conduction Disturbances in the Pacemaker Clinic

Hillel Steiner^{1,3}, Patrícia B. S. Celestino-Soper², Anisiia Doytchinova³, Ty C. Lynnes², William J. Groh³, John M. Miller³, Peng-Sheng Chen³, Matteo Vatta²

¹*Cardiovascular Medicine, The Baruch Padeh Medical Center, Israel*

²*Department of Medical and Molecular Genetics, Indiana University School of Medicine, USA*

³*Krannert Institute of Cardiology, Indiana University School of Medicine, USA*

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
¹*The Leviev Heart Center,, Sheba Medical Center, Tel Aviv University, Tel Aviv,* ²*Department 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
¹*Department of Cardiothoracic Surgery, Shaare Zedek Medical Center, Jerusalem, Israel*
²*Department 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
Leviev 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
¹*The Heart Institute, Kaplan Medical Center affiliated to the Hebrew University and Hadassah Medical School, Rehovot,* ²*Sackler 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 Hospital, Rabin Medical Center, Petah Tikva, Israel

08:30-10:00, Joint Session - Society of Cardiovascular Computed Tomography- Israeli WG of Cardiac Imaging, Hall F

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, Cardiomyopathies and Pericardial Diseases, Hall G

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 Elia, Eyal 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 Beer¹, 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

Abd 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

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 Weiner¹, Eran Leitersdorf¹

¹*Center for treatment and prevention of atherosclerosis, Hadassah, Jerusalem, Israel*

²*Cardiology, 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. Wijesundera¹, Christopher M. Feindel², Eric A. Cohen¹, Peter C. Austin³, Kori Kingsbury², Madhu K. Natarajan³, Jack V. Tu¹, Dennis T. Ko¹

¹*Schulich Heart Centre, Sunnybrook Health Sciences Centre, Toronto,* ²*University of Toronto, University Health Network, Toronto,* ³*University 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

¹*Cardiology Department, Tel-Aviv Sourasky Medical Center, Tel Aviv, Israel*

²*Internal 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

10:30-12:30, 2nd Ceremony, Hall ABC

Chairs: Yoseph Rozenman, Gil Bolotin, Amit Segev, Erez Kachel

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)

Chairs: Kim A. Williams, Yoseph Rozenman, Hall ABC

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

TBA

Bradley H. Strauss, Toronto, ON, Canada

12:30-14:20, Lunch session – Sponsored by Boehringer-Ingelheim

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

12:30-14:20, Lunch session – Sponsored by Novartis

A Paradigm Shift in the Treatment of Patients with Heart Failure, Hall E

12:30-14:20, Lunch session – Sponsored by MSD

Lipid Lowering Therapy – the Gap between Evidence-based Medicine to Clinical Practice, Hall F

14:30-16:00, Atrial Fibrillation: Current Approach and a Vision for the Future - Joint Session: American Heart Association (AHA) & Isreal Heart Society (IHS)

Chairs: Elliott M. Antman, Yoseph Rozenman, Hall ABC

14:30

Epidemiology of Atrial Fibrillation: Now and In The Future

Amos Katz, Israel

14:50

Atrial Fibrillation: Clinical Approach to Management

Elliot M. Antman, Boston, MA, USA

15:10

Mechanical Therapies for Atrial Fibrillation: Ablation, LA Occlusion

Michael Glikson, Israel

15:30

MRI Imaging in Atrial Fibrillation

Jeffery J. Goldberger, Chicago, IL, USA

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

16:20-18:20, The Best of Acute Cardiovascular Care

Express Communications, Hall A

16:20

Blood Glucose Control in ACS Patients Treated with Vildagliptin VS. Standard Treatment

Idit Dobrecky-Mery

Cardiology, Bnai-Zion, Haifa, Faculty of medicine, Technion, Haifa, Israel

16:28

Renal Safety in ACS Patients with Galvus (Vildagliptin) Treatment

Idit Dobrecky-Mery^{1,2}, Adir Somer², Hammoud Mahmood¹, 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 Bless but also a Burden (PLATIS-9)

Elad Asher, Avi Sabbag, Isarel Mazin, Romana Herscovici, Roy Beigel, Shlomi Matetzky
Cardiology, Leviev 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, Yussra 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

Leviev Heart Institute, Sheba Medical Center, Israel

17:00

Incident Cancer Rates in Consecutive Percutaneous Coronary Intervention Patients’ Cohort: Single-Center Experience

Zaza Iakobishvili, 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
Leviev 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 Zafir

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 Departement, Haemek Medical Center, Afula²Medicine, 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}

¹Leviv 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

Leviv 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, Coronary Interventions B, Hall B

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 Neshet¹, Amir Kremer¹, Josef Paz¹, Dmitry Pevni¹, Yanay Ben-Gal¹

¹Cardiothoracic surgery, Ichilov, Tel-Aviv medical center, Tel-Aviv, ²Cardiothoracic 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

¹Department of Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center, ²VGS, Vascular Graft Solutions LTD, 24 Raoul Wallenberg Street, Tel Aviv, Israel

³Clinical Trials and Evaluation Unit, Royal Brompton and Harefield NHS Foundation Trust, London,

⁴Department of Cardiovascular Medicine, University of Oxford, John Radcliffe Hospital,, Oxford,

⁵Department of Cardiology, Royal Brompton Hospital, ⁶Department of Cardiothoracic Surgery, Royal Brompton Hospital, ⁷Department of Cardiothoracic Surgery, Harefield Hospital,

⁸Department of Cardiology, Harefield Hospital, London, ⁹Nuffield 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

¹Cardiology, Meir Medical Center, Kfar Saba, Israel

²Schulich Heart centre, Sunnybrook hospital, Toronto, Canada

³Leviev 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

¹Department of Internal Medicine D, Tel Aviv Sourasky Medical Center, Tel Aviv, ²Department of Cardiology, Meir Medical Center, Kfar Saba, ³Department 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 Matsa, 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 Atery"?

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}
¹*Cardiology, Rabin Medical Center,* ²*Sackler 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}
¹*Interventional Cardiology, Assaf Harofeh,* ²*ICCU, Assaf Harofeh,* ³*Heart 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, Prevention and Risk Factors, Hall C

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
¹*Family Medicine, Clalit Health Services, Jerusalem,* ²*Leviev 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}
¹*Leviev Heart Center, Sheba Medical Center, Tel Hashomer,* ²*The 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 Zafrir¹, Mohanad Azaiza¹, Tamar Gaspar², Idit 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

Platelet Reactivity Predicts Long-term Cardiovascular Events in Subjects without Heart Disease

Shlomi Matetzky, Alon Shechter, Paul Fefer, Roy Beigel, Nira Koren-Morag, Elad Asher, Michael Shechter
Cardiology, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel

18:08

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}

¹*Leviev Heart Center, Chaim sheba Medical Center, Tel Hashomer, Israel*

²*The Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel*

16:20-18:20, Electrophysiology - Devices, Hall D

16:20

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 Lipchenca, 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

Leviev Heart Institute, Sheba Medical Center, Israel

16:35

Relative Wall Thickness and the Risk of Ventricular Tachyarrhythmias in Patients with Systolic Heart Failure Enrolled in MADIT-CRT

Yitschak Biton², Ilan Goldenberg², Valentina Kutyifa², Scott Solomon³, Arthur J. Moss², Scott McNitt², Slava Polonsky², Wojciech Zareba², Alon Barsheshet^{1,2}

¹*Cardiology Department, Rabin Medical Center, Petach Tikva, Israel*

²*Cardiology Division, University of Rochester Medical Center, Rochester, New York, USA*

³*Cardiology Division, Brigham and Women's Hospital, Boston, Massachusetts, USA*

16:50

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

¹*Cardiology, Soroka Medical Center, Beer Sheva,* ²*Cardiology, Rambam Medical Center, Haifa,*

³*Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva,* ⁴*Cardiology, Sheba Medical Center, and the Israeli Association for Cardiovascular Trials (IACT) Neufeld Cardiac Research Institute, Tel Hashomer, Israel*

17:05

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 Kupershtain, Micha S. Finberg, Michael Eldar, Ilan Goldenberg, Michael Glikson, Eyal Nof

Cardiology, Chaim Sheba medical center, Tel Hashomer, Rama- Gan, Please Select, Israel

17:20

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*

17:35

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

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, The Israeli working Group on Ecocardiography & Cardiovascular Surgery- A Joint Session on Valvular Heart Disease, Hall E

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}

¹*Cardiology, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel*

²*Sackler 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

¹*Emergency Medicine, McGill University, Montreal, Quebec*, ²*Cardiology, Jewish General Hospital-McGill, Montreal*, ³*Emergency Medicine, Centre de santé et de services sociaux de Trois-Rivières, Trois-Rivieres, Quebec*, ⁴*Faculty of Medicine, University of Montreal, Montreal*, ⁵*Faculty 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

¹*School of Mechanical Engineering, Faculty of Engineering, Tel Aviv University, Tel Aviv, Israel*

²*Department of Biomedical Engineering, Stony Brook University, New York, USA*

³*Echocardiography Laboratory, Chaim Sheba Medical Center, Tel Hashomer, Israel*

⁴*Department 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}

¹*Cardiology, Rambam Health Care Campus, Haifa, Israel*

²*Faculty 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

¹*Cardiac Surgery, Sheba medical center*, ²*Echocardiographic 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

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
¹*Department of Cardiac Surgery, Sheba Medical Center, Ramat-Gan, Israel*
²*Department of Anesthesiology, Sheba Medical Center, Ramat-Gan, Israel*
³*Department of Cardiothoracic Surgery, Universitätsklinikum des Saarlandes, Homburg, Saarland, Germany*
⁴*Pulmonology 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
¹*Center for Pulmonary Vascular Disease, Jewish General Hospital, Montreal, Canada*
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³*Reidy Research Center for Bioelectronics, Old Dominion University, Norfolk, Virginia, USA*

16:20

Genome Organization in Cardiac Hypertrophy - a Window into Cardiac Adaptation and Disease Progression

Tal Golan Lagziel¹, Izhak Kehat^{1,2}

¹*Department of Physiology, The Ruth and Bruce Rappaport Faculty of Medicine, Technion, Haifa,* ²*The 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}

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16:50

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

Maskit Gvartz, 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}

¹*Faculty Of Medicine, Bar-Ilan University, Safed,* ²*Eliachar Research Laboratory, Medical Center of the galilee, Nahariya,* ³*The 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

¹*The Cardiothoracic Department, Rabin Medical Center, Petach-Tikva,* ²*Stem 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 Landesberg, 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,

¹*Biomedical Engineering, Technion - IIT, Haifa,* ²*Hadassah Medical Center, Hadassah Medical Center, Jerusalem, Israel*

18:20-20:00, Annual General Assembly of the Israel Heart Society, Hall F