The 63th Annual Conference of the Israel Heart Society
in association with
the Israel Society of Cardiothoracic Surgery
April 12-13 • 2016 • Tel Aviv, Israel

SCIENTIFIC PROGRAM

Paragon Israel (Dan Knassim)
Tel/Fax: 03-5767730/7
secretariat@israelheart.com
08:30-10:00 Interventional Cardiology I, Hall A
Chairs: Ariel Finkelstein, Ran Kornowski, Israel

08:30
Effect of Diameter of Drug-Eluting Stents versus Bare-Metal Stents on Late Outcomes: a Propensity Score-Matched Analysis
Amos Levi1,2, Tamir Bental1,2, Hana Veknin Assa1,2, Gabriel Greenberg1,2, Eli Lev1,2, Ran Kornowski1,2, Abid Assali1,2
1Cardiology, Rabin Medical Center, 2Sackler Faculty of Medicine, Tel Aviv University, Israel

08:41
Percutaneous Valve-in-Valve Implantation for the Treatment of Aortic, Mitral and Tricuspid Structural Bioprosthetic Valve Degeneration
Uri Landes1, Abid Assali1, Ram Sharoni1,2, Hanna Vaknin-Assa1, Katia Orvin1, Amos Levi1, Yaron Shapira1, Shmuel Schwartzenberg1, Ashraf Hamdan1, Tamir Bental1, Alexander Sagie1, Ran Kornowski1
1Department of Cardiology, Rabin Medical Center, Tel Aviv, 2Department of Cardiac Surgery, Rabin Medical Center, Tel Aviv, Israel

08:52
Uri Landes1, Alon Barsheshet1, Abid Assali1, Hanna Vaknin-Assa1, Israel Barbash3, Victor Guetta3, Amit Segev3, Ariel Finkelstein2, Amir Halkin2, Jeremy Ben-Shoshan2, Ran Kornowski1
1Department of Cardiology, Rabin Medical Center, Tel Aviv, 2Cardiology, Sourasky Medical Center, Tel Aviv, 3Cardiology, Sheba Medical Center, Tel HaShomer, Israel

09:03
Short Term Outcomes of Patients Undergoing TAVI with and without the Presence of an Anesthesiologist in the Catheterization Laboratory
Maayan Konigstein, Jeremy Ben-Shoshan, Nir Flint, Gilad Margolis, Amir Halkin, Gad Keren, Shmuel Banai, Ariel Finkelstein
Cardiology, Department of Cardiology, Tel-Aviv Medical Center and the Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel

09:14
Short Term Outcomes of Transcatheter Aortic Valve Implantation with New Generation Devices
Jeremy Ben-Shoshan, Maayan Konigstein, Udi Chorin, Arie Steinvil, Yaron Arbel, Leehee Barak, Michael Barkagan, Amir Halkin, Samuel Bazan, Gad Keren, Shmuel Banai, Ariel Finkelstein
Cardiology, Tel-Aviv Medical Center, Israel

09:25
Balloon Post-dilatation and Outcome among Patients Undergoing Trans Aortic Valve Implantation
Noam Fink1, Amit Segev1, Ariel Finkelstein2, Ran Kornowski3, Israel Barbash1, Amir Halkin2, Abid Assali2, Zach Rosenbaum2, Arie Steinvil2, Hana Vaknin-Assa3, Jeremy Ben Shoshan2, Paul Fefer1, Victor Guetta1
1Leviev Heart Center, Sheba Medical Center, Tel Hashomer, 2Department of Cardiology, Tel Aviv Medical Center, Tel Aviv, 3Department of Cardiology, Rabin Medical Center, Petah Tikva, Israel

09:36
Coronary Artery Disease among Survivors of VT/VF Arrest
Dan Kiselnik, Jonathan Balkin, Michael Ilan, Aharon Medina, Adi Butnaru, David Rosenmann, Mady Moriel, Marc Klutstein, Rafael Wolff, Giora Weisz, Moshe Rav Acha
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel

09:47
Comparative Matched Outcome of Evolut-R vs. CoreValve Transcatheter Aortic Valve Implantation
Uri Landes, Alon Barsheshet, Tamir Bental, Abid Assali, Hanna Vaknin-Assa, Amos Levi, Katia Orvin, Ran Kornowski
Cardiology, Rabin Medical Center, Petah-Tikva, Israel

08:30-10:00 Heart Failure – Advances in Prediction and Treatment, Hall B
Chairs: Israel Gotsman, Offer Amir, Israel

08:30
Non-invasive Lung IMPEDANCE-Guided Preemptive Treatment in Chronic Heart Failure Patients: a Randomized Controlled Trial (IMPEDANCE-HF trial).
Michael Kleiner Shochat1,2, Avraham Shotan1,2, David S Blondheim1,2, Mark Kazatsker1,2, Iris Dahan1,2, Aya Asif1,2, Yoseph Rozenman1,2, Iliya Kleiner4,5, Jean Marc Weinstein5, Aaron Frimerman1, Lubov Vasilenko1,2, Simcha Meisel1,2
1Heart Institute, Hillel Yaffe Medical Center, Hadera, Iceland, 2Rappaport School of Medicine, Technion, Haifa, 3Cardiovascular Institute, Wolfson Medical Center, Holon, 4Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, 5Cardiology Department, Soroka University Medical Center, Beer Sheva, Israel

08:42
Body Surface Area as a Prognostic Marker in Chronic Heart Failure Patients. Results from the Heart Failure registry of the European Society of Cardiology
Barak Zafrir1, Nabeeh Salman2, Aldo P Maggioni3, Cecile Laroche3, Offer Amir2
1Cardiovascular Division, Lady Davis Carmel Medical Center, Haifa, 2Cardiovascular Department, Poryia Medical Center, Tiberius, Israel, 3EURObservational Research Programme, European Society of Cardiology, Sophia-Antipolis, France

08:54
Serum Potassium Levels and Clinical Outcome in Patients with Chronic Heart Failure
Sara Hoss, Yair Elizur, David Luria, Andre Keren, Chaim Lotan, Israel Gotsman
Heart Institute, Hadassah University Hospital, Jerusalem, Israel
The Management and Outcome of Israeli in Comparison with European Heart Failure Hospitalized and Ambulatory Patients: Results from ESC Heart Failure Long-term Registry

Avraham Shotan¹, Tuvia Ben Gal², Alicia Vazan¹, David S Blondheim¹, Simcha R Meisel¹, Shochat Michael¹, Frimerman Aharon¹, Israel Gotesman³, Offer Amir⁴
¹Heart Institute, Hillel Yaffe Medical Center, Hadera,²Heart Institute, Rabin Medical Center, Petah Tikva,³Heart Institute, Hadassah Medical Center, Jerusalem,⁴Heart institute, Baruch Padeh Medical Center, Poriya, Israel

The Effect of Multipoint Pacing on the Left Ventricular Mechanics in Heart Failure Patients

Shai Tejman Yarden¹, Noa Bachner–Hinenzon², Offir Ertracht³, Maayan Perry⁴, Alain Serraf⁵, David Mishali¹, Michael Glikson⁵
¹Pediatric Cardiology, Seba Medical Center, Ramat Gan, ²Cardiac, Analyze it Ltd, Tuval, Israel ³Eliachar Research Laboratory, Western Galilee Hospital, Nahariya, ⁴Cardiac, Gamida Ltd, ⁵Davidai Arrhythmia Center, the Heart Center, Sheba Medical Center, Ramat Gan, Israel

The Hemodynamic Effect and Safety of Intermittent Sequential Pneumatic Compression Leg Sleeves in Patients with Congestive Heart Failure

Amitai Bickel, Alexander Shturman, Michael Sergeiev, Shimon Ivry, Arie Eitan, Shaul Atar
Cardiology, Anesthesia and Surgery A, Galilee Medical Center, Nahariya, HaZafon, Israel

Apoptotic Endothelial Cell-derived Microparticles to Mononuclear Progenitor Cells Ratio as a Novel Biomarker in Advanced Heart Failure Patients

Alexander Berezin¹, Alexander Kremzer²
¹Internal medicine, Medical University, Zaporozhye, ²Clinical pharmacology, Medical University, Zaporozhye, Ukraine

08:30-10:00 Hot Topics in CIED Treatment, Hall C
Chairs: Alon Barsheshet, Mahmoud Suleiman, Israel

Anemia and the Risk of Life-Threatening Ventricular Tachyarrhythmias: Prospective Real World Data from the Israeli ICD Registry

Ido Goldenberg¹, Alon Barsheshet³, Avishag Laish-Farkash², Moshi Swissa⁴, Yoav Michowitz⁵, Glikson Michael⁶, Mahmoud Suleiman¹
¹Cardiology, Rambam Medical Center, Haifa, ²Cardiology, Barzilai Medical Center, Ashkelon, ³Cardiology, Rabon Medical Center, Petah Tiqwa, ⁴Cardiology, Kaplan Medical Center, Rehovot, ⁵Cardiology, Tel Aviv Medical Center, Tel Aviv, ⁶Cardiology, Sheba Medical Center, Ramat Gan, Israel

Characteristics and Outcomes of Diabetic Patients with an Implantable Cardioverter Defibrillator in a Real World Setting: Results from the Israeli ICD Registry

Hillel Steiner¹, Ilan Goldenberg², Mahmoud Suleiman³, Michael Glikson², Moshe Swissa⁴, Gregory Golovchiner⁵, Boris Strasberg⁵, Alon Barsheshet⁵
¹Division of Cardiovascular Medicine, The Baruch Padeh Medical Institute, Poriya, ²Department of Cardiology, The Heart Center, Chaim Sheba Medical Center, Sackler School of Medicine, ³Department of Cardiology, Rambam Medical Center, ⁴Department of Cardiology, Kaplan Medical Center, ⁵Department of Cardiology, The Rabin Medical Center, Israel
Cardiac Resynchronization Therapy with Pacing (CRT-P) versus with Defibrillation (CRT-D) in Octogenarian Patients with Heart Failure in a Real-World Setting
Avishag Laish-Farkash\(^1\), Sharon Bruoha\(^1\), Amos Katz\(^1\), Ilan Goldenberg\(^2\), Mahmoud Suleiman\(^3\), Vladimir Khalameizer\(^1\)
\(^1\)Department of Cardiology, Barzilai Medical center, and The Faculty of Health Sciences, Ben-Gurion University of the Negev, Ashkelon, \(^2\)The Israeli Association for Cardiovascular Trials, Leivie Heart Center, Sheba Medical Center, Tel Hashomer, \(^3\)Department of Cardiology, Rambam Medical Center, Haifa, Israel

Correction of Right Ventricular Pacing Induced Reduction in Coronary Flow by Left and Biventricular Pacing
Dawod Sharif\(^1\)\(^,2\), Nemer Samniah\(^1\)\(^,2\), Ahmad Yehia\(^2\), Yasmin Sharif\(^2\), Amal Sharif-Rasslan\(^3\), Uri Rosenschein\(^2\)
\(^1\)Cardiology, Bnai Zion Medical Center, \(^2\)Medicine, Technion Israel Institute of Technology, \(^3\)Science and Technology, Technion Israel Institute of Technology, Haifa, Israel

Propionibacterium Acnes Pacemaker Implant Infections: an Under-recognized Cause
Shelly Kagan\(^1\), Anat Wieder-Finesod\(^2\), Debby Ben-David\(^2\), Galia Rahav\(^2\), Rafael Diamante\(^1\), David Berlev\(^1\), Igor Liphchenca\(^1\), Osnat Gurevitz\(^1\), Michael Eldar\(^1\), Roy Beinart\(^1\), Michael Glikson\(^1\), Eyal Nof\(^1\)
\(^1\)Cardiology, Sheba Medical Center, \(^2\)Infectious diseases, Sheba Medical Center, Israel

Characterization of New Clinical Phenomena: Shock Following Cardiac Implantable Electronic Device Extraction
Orwa Younis\(^1\), Roy Beinart\(^1\), Nofrat Nehoray\(^2\), Igor Lipchenca\(^1\), Osnat Gurevitz\(^1\), Shlomi Matezky\(^1\), Roy Beigel\(^1\), Michael Eldar\(^1\), Michale Glikson\(^1\), Eyal Nof\(^1\)
\(^1\)Cardiology, Sheba Medical Center, \(^2\)ER, Sheba Medical Center, Israel

Coronary Artery Blood Flow in Acute Ischemic Stroke
Dawod Sharif\(^1\)\(^,2\), Fadi Abu Ahmad\(^2\), Yasmine Sharif\(^3\), Amal Sharif-Rasslan\(^4\)\(^,5\), Uri Rosenschein\(^1\)\(^,3\), Ayed Mahajneh\(^2\)\(^,3\), Boaz Weller\(^2\)\(^,3\)
\(^1\)Cardiology, Bnai Zion Medical Center, \(^2\)Neurology, Bnai Zion Medical Center, \(^3\)Medicine, Technion - Israel Institute of Technology, \(^4\)Science and Technology, Technion Israel Institute of Technology, \(^5\)Mathematics, The Academic Arab College, Haifa, Israel

Low-level Laser Therapy to the Bone Marrow to Stimulate Stem Cells that Home in on the Post-myocardial Infarction Tissue in Humans: Safety and Feasibility Study
Alex Blatt\(^1\)\(^,3\), Gabby Elbaz-Greener\(^1\)\(^,3\), Oran Tzuman\(^1\)\(^,3\), Marina Leitman\(^1\)\(^,3\), Zvi Vered\(^1\)\(^,3\), Uri Oron\(^2\)
\(^1\)Cardiology Division, Assaf Harofeh Medical Center, Zerifin, \(^2\)Department of Zoology, Faculty of Life Sciences, \(^3\)Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel
Ischemic Burden in Patients Experiencing Primary Ventricular Fibrillation
Shaul Atar, Barak Erlich
Cardiology, Galilee Medical Center, Nahariya, HaZafon, Israel

Machine Learning for Prediction of 30 Day Mortality after ST Elevation Myocardial Infarction: an Acute Coronary Syndrome Israeli Survey Data Mining Study
Amir Hadanny, Roni Shouval, Nir Shlomo, Zaza Iakobishvili, Ron Ungar, Daron Zahger, Ronny Alkalai, Shaul Atar, Shmuel Gottlieb, Shlomi Matetzky, Ilan Goldenberg, Roy Beigel
1Internal medicine "F" Department, Chaim Sheba Medical Center, Ramat-Gan, Israel, 2Ramat Gan, 3Sagol Center for Hyperbaric medicine and Research, Assaf HaRofe Medical Center, Zeriffin, 4The Mina and Everard Goodman Faculty of Life Sciences,, Bar-Ilan University, Ramat-Gan, 5Israel Association for Cardiovascular Trials, Sheba Medical Center, Tel Hashomer, Ramat Gan, 6Cardiology Department, Beilinson Hospital, Rabin Medical Center, affiliated to the Sackler School of Medicine, Tel Aviv University, Tel-Aviv, Israel, 7Petah Tikva, 8Heart institute, Hadassah Hebrew University Medical Center, Jerusalem, 9Department of Cardiology, The Western Galilee Medical Center, Nahariya, 10Department of Cardiology, Shaare-Zedek Medical Center, Bikur Cholim Campus, the Hebrew University School of Medicine, Jerusalem 11Intensive Cardiac Care Unit, Department of Cardiology, Soroka University Medical Center, Be'er-Sheva, 12Heart Center, Chaim Sheba Medical Center, Tel Hashomer, Sackler School of Medicine, Tel Aviv University, Israel

Contemporary Registry of Intermediate and High Risk Pulmonary Embolism Patients Presenting to a Large Tertiary Medical Center (PLATIS-PE)
Roy Beigel, Israel Mazin, Romana Herscovici, Orly Goitein, Yigal Kassif, Sagit Ben-Zekrey, Paul Fefer, Ehud Raanani, Elad Asher, Shlomi Matetzky
Intensive Cardiac Care Unit, Cardiac Surgery, Cardiovascular Imaging, The Leviev Heart Center, Sheba Medical Center, Tel-Aviv University, Tel Hashomer, Israel

The Need for Escalation Therapy and Mortality in Intermediate Risk Pulmonary Emboli Patients – Results of a Large Tertiary Center Registry (PLATIS - PE)
Shlomi Matetzky, Israel Mazin, Orly Goitein, Romana Herscovici, Sagit Ben-Zekrey, Yigal Kassif, Paul Fefer, Ehud Raanani, Elad Asher, Roy Beigel
Intensive Cardiac Care Unit, Cardiac Surgery, Cardiovascular Imaging, The Leviev Heart Center, Sheba Medical Center, Tel-Aviv University, Tel Hashomer, Israel

The Escalation and Mortality Dilemma in the Eyes of CTPA
Israel Mazin, Orly Goitein, Roy Beigel, Romana Herskovitz, Sagit Ben Zekry, Paul Fefer, Elad Asher, Shlomi Matetzky
1Intensive Cardiac Care Unit (ICCU), Sheba Medical Center, 2Radiology Department, Sheba Medical Center, 3Non Invasive Cardiology Unit, Sheba Medical Center, 4Invasive Cardiology Unit, Sheba Medical Center, Israel
08:30

Modelling of the Short QT Syndrome Using Human Induced Pluripotent Stem Cells
Rami Shinnawi\(^1\), Naim Shaheen\(^1\), Irit Huber\(^1\), Gil Arbel\(^1\), Amira Gepstein\(^1\), Anke Tijsen\(^1\), Reiner Schimpi\(^2\), Martin Boggrefe\(^2\), Lior Gepstein\(^1\)
\(^1\)Rappaport Faculty of Medicine and Research Institute, Technion – Israel Institute of Technology, Haifa, Israel, \(^2\)Department of Medicine, University Hospital Mannheim, Mannheim, Germany

08:42

Patient/Disease-specific Pharmacological Screening Utilizing a Human Induced Pluripotent Stem Cells Model of CPVT2
Leonid Maizels\(^1\), Irit Huber\(^1\), Gil Arbel\(^1\), Anke Tijsen\(^1\), Amira Gepstein\(^1\), Asaad Khouri\(^2\), Lior Gepstein\(^3\)
\(^1\)Physiology, The Sohns Family Laboratory for Cardiac Electrophysiology and Regenerative Medicine, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, \(^2\)Pediatric Cardiology, Rambam Health Care Campus, \(^3\)Cardiology Department, Rambam Health Care Campus, Haifa Israel

08:54

Left Atrial Appendage—an Untapped Source for Cardiac Repair after Myocardial Infarction
Avishag Emanuelov, Jussi Leinonen, Sara Hoss, Yardanna Platt, Phillippe Yeonathan Bouaziz, Ronen Beeri
Cardiovascular Research Center Heart Institute, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

09:06

Attenuation of Diabetic Cardiomyopathy by Caloric Restriction Through PGC-1\(\alpha\) Activation
Maayan Waldman\(^1,2\), Keren Cohen\(^1,2\), Michael Arad\(^2\), Danny Gurfield\(^1\), Aravot Dan Aravot\(^1\), Edith Hochhauser\(^1\)
\(^1\)Cardiac Research Laboratory, Felsenstein Medical Research Institute, Tel-Aviv University, Petah-Tikva, \(^2\)Leviev Heart Center, Sheba Medical Center, Tel Aviv University, Ramat Gan, Israel

09:18

Haptoglobin Genotype as a Determinant of Benefit or Harm from Niacin in the AIM HIGH Study
Rabea Asleh\(^1\), Nina S. Levy\(^2\), Gheorge Doros\(^3\), Tina Costacou\(^4\), Jennifer G. Robinson\(^5\), William E. Boden\(^6\), Debra L. Simmons\(^7\), Patrice Desvigne-Nickens\(^8\), George Grunberger\(^9\), Todd J. Anderson\(^10\), Andrew P. Levy\(^2\)
\(^1\)Department of Cardiology, Rambam Medical Center and Laboratory of Vascular Medicine, Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, \(^2\)Laboratory of Vascular Medicine, Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel, \(^3\)Department of Epidemiology, Harvard Clinical Research Institute and Boston University School of Public Health, Boston, MA, USA, \(^4\)Department of Epidemiology, University of Pittsburgh, Pittsburgh, PA, USA, \(^5\)Colleges of Public Health and Medicine, University of Iowa, Iowa City, IA, USA, \(^6\)Department of Medicine, Albany Stratton Veteran Affairs Medical Center, Albany, NY, USA, \(^7\)Utah Diabetes and Endocrinology Center, University of Utah, Salt Lake City, UT, USA, \(^8\)Division of Cardiovascular Sciences, National Heart Lung and Blood Institute, NIH, Bethesda, MD, USA, \(^9\)Department of Endocrinology and Metabolism, Grunberger Diabetes Institute, Bloomfield Hills, MI, USA, \(^10\)Department of Cardiac Sciences, Libin Cardiovascular Institute, Calgary, Alberta, Canada
09:30

EET, a Lipid Mediator, Upstream of PGC-1α, is required for HO-1 Activation and Mitochondrial Function during Adipocyte Differentiation

Maayan Waldman1,2,3, Luca Vanella1,4, Lars Bellner1, Joseph Schragenheim1, Shailendra Singh1, Daohong Lin1, Anand Lakhkar1, Marco Raffaele1,4, Edith Hochhauser2, Michael Arad3, Nader G. Abraham1
1Department of Pharmacology, New York Medical College, NY, Valhalla, USA, 2Cardiac Research Laboratory, Felsenstein Medical Research Institute, Tel-Aviv University, Petah-Tikva, 3Leviev Heart Center, Tel Aviv University, Sheba Medical Center, Ramat Gan, Israel, 4Drug Science/Biochemistry, University of Catania, Department of. Catania, Italy and, Catania, Italy

09:42

The Modulation of Excitation-contraction Coupling in Isolated Cardiomyocytes by Microparticle-carried Sonic Hedgehog Protein

Ludovit Paulis1,2, Jeremy Fauconnier2, Olivier Cazorla2, Jerome Thireau2, Raffaella Soletti3, Bastien Vidal2, Aude Ouille2, Marion Bartholome2, Patrice Bideaux2, Francois Roubille2, Jean-Yves Le Guennec2, Ramaroson Andriantsitohaina3, M. Carmen Martinez3, Alain Lacampagne2
1Institute of Pathological Physiology, Faculty of Medicine, Comenius University, Bratislava, Bratislava, Slovakia, 2UMR CNRS 9214, Inserm U1046, Universite de Montpellier, CHRU Montpellier, Montpellier, 3INSERM U1063, Stress Oxydant et Pathologies Metaboliques, LUNAM Universite, Angers, Angers, France

08:30-10:00 Ami Cohen Award Competition, Hall J

Ami Cohen Award Competition

08:30

Cefazolin versus Vancomycin and Ceftazidim for Prevention of Sternal Wound Infection after Cardiac Surgery

Tomer Koler1, Esther Houminer1, Orit Blumenfeld2, Amit Korach1, Ehud Rudis1, Uzi Izhar1, Eldad Erez3, Oz M. Shapiro1
1Department of Cardiothoracic Surgery, Hadassah Hebrew University Medical Center, Jerusalem, 2Israel Center for Disease Control, Ministry of Health, Israel

08:42

Late Outcomes after Second Repair (Re-repair) for Degenerative Mitral Valve

Amjad Shalabi1, Hillit Cohen1, Leonid Sternik1, Boris Orlov1, Alexanedr Kogan1, Alexander Lipey1, Uri Vaturi2, Micha Feinberg2, Ehud Raanani1
1Cardiac Surgery Department, Sackler School of Medicine, Tel-Aviv University, 2Cardiology Department, Sackler School of Medicine, Tel-Aviv University, Israel

08:54

A Dedicated Slot in Honor of Prof. Francis Wellens

Ehud Raanani, Israel

09:00

Blood-brain Barrier Disruption Following Cardiopulmonary Bypass: Assessment by Postoperative Magnetic Resonance Imaging
09:12

Hemoglobin A1C Level in Patients with Diabetes Mellitus Predicts Adverse Outcomes Following Coronary Artery Bypass Surgery

Muhammad Abu Tailakh¹,²,³, Yaron Ishay Shlomo²,³, Janan Awesat², Michael Friger², Victor Novack¹,²,³, Gideon Sahar¹
¹Clinical Research Center, Soroka University Medical Center, ²Faculty of Health Sciences, Ben Gurion University of the Negev, ³Department of Cardiothoracic Surgery, Soroka University Medical Center

09:24

Using Multidisciplinary Approach Pulmonary Thromboendarterectomy is Safe with Excellent Late Outcomes

Ronny Ben-Avi¹, Michael Segel¹,², Sergey Preisman¹,³, Leonid Sternik¹, Ehud Raanani¹, Hans-Joachim Schafers⁴, Alexander Kogan¹
¹Cardiothoracic Surgery, Sheba Medical Center, Tel Hashomer, affiliated with the Sackler School of Medicine, Tel Aviv University, ²Pulmonology, Sheba Medical Center, Tel Hashomer, affiliated with the Sackler School of Medicine, Tel Aviv University, ³Anaesthesiology, Sheba Medical Center, Tel Hashomer, affiliated with the Sackler School of Medicine, Tel Aviv University, ⁴Division of Medicine, Tel Aviv University, Tel Aviv, Israel

08:30-10:00 Heart Disease from Childhood to Adult Life, Hall 3
Chairs: Sergey Yalonetsky, Joseph Danieli, Israel

08:30

Ebstein’s Anomaly in Childhood: Factors at Time of Diagnosis that are Associated with Death and Total Survival and Surgical Outcome. A Multicenter Long-term Study
Livia Kapusta
The Netherlands

08:45

Lymphatic System Abnormalities Imaging and Interventions in Patients with Heart Disease
Yoav Dori
USA

09:00

Atopic Predilection among Kawasaki Patients – A Cross-Sectional Study among 1,187,757 Teenagers
Ilan Merdler¹, Ayal Hassidim¹, Odelia Chorin², Ilan Dallal², Ehud Chorin³
¹Medical Corps, Israeli Defense Forces, ²Pediatrics, E. Wolfson Medical Center, Holon, ³Cardiology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

09:12

Identifying the Genetic Cause of Congenital Heart Defects using Exome Analysis
Asaf Ta-Shma¹, Zeev Perles¹, Nael Al-lahham¹, Prof. Amiram Nir¹, Sagui Gavri¹, Julius Golender¹, Nurit Yaakobi-Simhayoff¹, Ibrahim Abu Zehira¹, Avraham Shaaq², Azaria Rein¹, Orly Elpeleg²
¹Department of Pediatric Cardiology, Hadassah, Hebrew University Medical Center, ²Monique and Jacques Roboh Department of Genetic Research, Hadassah, Hebrew University Medical Center, Jerusalem, Israel
Characteristics and Health Services Utilization among Adults with Congenital Heart Malformations in Israel
Michal Benderly1,2, Leonard Blieden2,3, Jonathan Buber4, Alexander Dadashev2,3, Ofra Kalter-Leibovici1,2, Avraham Lorber5, Amiram Nir6, Sergei Yalonetsky9, Gabriel Chodick2,7, Dalia Weitzman7,8, Ran Balicer9, Havi Murad1, Rafael Hirsch2,3, On behalf of the Israeli Congenital Heart Disease Research Group1
1Cardiovascular Epidemiology Unit, Gertner Institute for Epidemiology and Health Policy Research, Sheba Medical Center, Ramat-Gan, 2Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, 3Adult Congenital Heart Disease Unit, Rabin Medical Center, Petach Tikva, 4Heart Institute, Sheba Medical Center, Ramat-Gan, 5Pediatric Cardiology and GUCH Unit, Technion Faculty of Medicine, Rambam Health Care Campus, Haifa, 6Department of Pediatric Cardiology, Hebrew University Medical Center, Hadassah, Jerusalem, 7Medical Division, Maccabi Healthcare Services, Tel Aviv, 8Faculty of Health Sciences, Ben-Gurion University of the Negev, Negev, 9Clalit Research Institute, Clalit Health Services, Tel Aviv, Israel

Prevalence of Coronary Artery Disease, Risk Factors and Implications on Healthcare Services Utilization in a Large Cohort of Adults with Congenital Heart Disease in Israel
Yonatan Buber1,8, Leonard Blieden2,8, Alexander Dadashev2,8, Rafael Hirsh2,8, Ofra Kalter-Leibovici3,8, Avraham Lorber4,9, Amiram Nir4,5,10, Sergei Yalonetsky4,9, Gabriel Chodick6, Dalia Weitzman6, Ran Balicer7, Michal Benderly1,8
1Cardiology, Sheba Medical Center, Ramat Gan, 2Cardiology, Rabin Medical Center, Petach Tikva, 3Cardiovascular Epidemiology Unit, Gertner Institute for Epidemiology and Health Policy Research, Ramat Gan, 4Pediatric Cardiology and GUCH Unit, Rambam healthcare campus, Haifa, 5Department of Pediatric Cardiology, Hadassah medical center, Jerusalem, 6Medical division, Maccabi Healthcare Services, 7Clalit Research Institute, Clalit health services, 8Sackler Faculty of Health, Tel Aviv University, Tel Aviv, 9Faculty of Medicine, Technion, Haifa, 10Faculty of medicine, Hebrew university, Jerusalem, Israel

Use of the Amplatzer Vascular Plug II for Occlusion of the Native Right Ventricular Outflow Tract in Single Ventricle Palliation
Sharon Borik, Tal Tirosh, Ihab Khatib, David Mishaly, Alain Serraf, Joseph Danieli
Safra International Congenital Heart Center, Chaim Sheba Medical Center and Tel Aviv University, Ramat Gan, Israel

08:30-10:00 Epidemiology and Prevention I, Hall 4
Chairs: Yaakov Henkin, Ophir Avizohar, Israel

08:30
Trends of AMI Hospital Admissions, In-hospital and One-year Post-discharge All-cause Mortalities among Jews and Bedouins (2002-2012) – Population Based Study
Ygal Plakht1, Arthur Shiyovich2, Harel Gilutz1
1Faculty of Health Sciences, Soroka University Medical Center and Ben-Gurion University of the Negev, Beer-Sheva, 2Internal Medicine E, Rabin Medical Center, Beilinson Hospital, Petah-Tikva, Israel

08:42
Predictors of Long-term Mortality for Survivors of Out-Of-Hospital Cardiac Arrest
08:54

**Insulin Resistant States Predict Cognitive Performance and Cognitive Decline in Coronary Heart Disease Patients**

Miri Lutski¹, Galit Weinstein³, David Tanne², Uri Goldbourn¹⁴

¹Department of Epidemiology, Tel Aviv University, Tel Aviv, ²Neurology, Sheba Medical Center, Tel Hashomer, ³Faculty of Health Sciences, University of Haifa, ⁴Neufeld Cardiac Research Institute, Tel Aviv University, Tel Hashomer, Israel

09:06

**Decreased Admission Albumin Level is an Independent Predictor of Long-term (10-years) Mortality Following Acute Myocardial Infarction**

Arthur Shiyovich¹, Harel Gilutz², Ygal Plakht³

¹Medicine E, Beilinson Hospital, Rabin Medical Center, Petah Tikva, ²Cardiology, Soroka University Medical Center, faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, ³Unit of Nursing Research, Soroka University Medical Center, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel

09:18

**CHADS2 and CHA2DS2VASc Scores in Patients with Cardiovascular Diseases Admitted to the Hospital**

Dmitry Dratva, Marc Klutstein, Mady Moriel, Tal Hasin, Rafael Wolff, Moshe Rav-Acha, Adi Butnaru, Aaron Medina, David Rosenmann, Jonathan Balkin, Dan Tzivoni, Giora Weisz

Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel

09:30

**Severe Familial Hypercholesterolemia: Prevalence and Characterization of Patients Presenting for Cardiac Catheterization**

Barak Zafrir¹⁴, Chen Shapiro²⁴, Gil Lavie³⁴, David A Halon¹⁴, Moshe Y Flugelman¹⁴

¹Cardiovascular Division, Lady Davis Carmel Medical Center, Haifa, ²Director, Clalit Health Services, Haifa and Western Galilee District, ³Department of Medicine, Lady Davis Carmel Medical Center, ⁴Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Israel

09:42

**The Effectiveness of a Health Promotion Program in 5th-6th Grade Children in Beit Dagan - Second Year Follow Up**

Tal Aperman- Itzhak¹, Sigal Eilat- Adar¹², Zvi Vered³

¹Department of Epidemiology and Preventive Medicine, Sackler Medical Faculty, Tel Aviv University, Tel Aviv, ²Zinman College for Physical Education & Sports, Wingate Institute, Netanya, ³Department of Cardiology Assaf Harofeh Medical Center, Tel Aviv University, Tel Aviv, Israel
10:30-12:30 Plenary I - Opening Ceremony
Chairs: Michael Glikson, Ronen Rubinshtein, Israel Heart Society
Gil Bolotin, Erez Kachel, Israel Society of Cardio Thoracic Surgery, Hall ABC

10:30
Opening Introductions:
Michael Glikson – President, Israel Heart Society
Gil Bolotin - Chairman, Israel Society of Cardio Thoracic Surgery
Honorable Minister Rabbi Yaakov Litzman, Minister of Health
Awarding of New Honorary Members of the Israel Heart Society:
Professor Elieser Kaplinsky
Professor Chaim Lotan
Professor Panos E. Vardas
Fellowship Awards of the Israel Heart Society
Recognition of the Industry Round Table of the Israel Heart Society

11:30
Neufeld Memorial Lecture: Looking Into the Future of PCSK9 Inhibition
Michael Gibson
Chief of Clinical Research, Division of Cardiology
Harvard's Beth Israel Deaconess Medical Center, Boston, USA

12:00
Henry Neufeld Awards

12:10
Heart Team
Jan Hoornije
The Netherlands

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

12:30-14:30 Lunch Session - Sponsored By Boehringer Ingelheim, Hall H

Dabigatran 2016: Innovation in Anticoagulation Care

12:30 – 12:45 Gathering
12:45 – 13:00 Opening: Anticoagulation Care 3.0 - Noacs in 2016 and Beyond
Dan Atar,
Dept. of Cardiology B
Vice-President of the ESC
Oslo University Hospital, Norway

13:00 – 13:20 Real-World Experience with Dabigatran – Reassurance for Daily Practice
Yoseph Rozenman,
Head, Cardiovascular Institute
The Edith Wolfson Medical Center
Immediate Past President, Israel Heart Society, Israel

13:20 – 13:40 Innovation in Anticoagulation Care: Availability of the Antidote –Closing the Circle
Chaim Lotan,
Chairman of the Cardiovascular Division,
Hadassah Medical Center
Immediate Past President - Israel Heart Society
13:40 – 14:00 Panel Discussion: Clinical Cases in Which the Antidote “Made The Difference”
   Michael Glikson,
   Director of Davidai Arrhythmia Center
   President of Israel Heart Society
   Leviev Heart Center, Sheba Medical Center, Israel

14:00 – 14:10 Q & A

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12:30-14:30 Lunch Session - Sponsored By AstraZeneca, Hall I

Prolonged DAPT
Where Do We Stand Post PEGASUS & DAPT Trials?
Chairman: Prof. Ran Kornowski

12:30 - 12:45 Lunch – First Course

12:45 - 12:55 Opening and Case Presentation
   Prof. Ran Kornowski

12:55 - 13:10 The OPTIDUAL Randomized Trial: Twelve Vs 48 Months of Dual Antiplatelet
   Therapy after Drug-Eluting Stent Placement
   Prof. Gérard Helft

13:10 - 13:35 Prolonged DAPT – Where Do We Stand Post PEGASUS & DAPT Trials?
   Prof. Shlomi Matetzky

13:35 - 14:00 Panel Discussion
   Chairman: Prof. Ran Kornowski
   Panel members: Prof. Ilan Goldenberg, Prof. Gérard Helft, Prof. Eli Lev, Prof. Shlomi Matetzky, Prof. Doron Zahger

14:00 - 14:20 Lunch

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12:30-14:30 Lunch Session - Sponsored By Sanofi, Hall J

PCSK9 Inhibition: Heralding a New Era for Prevention of Cardiovascular Disease”

Keynote speaker:
M. John Chapman BSc (Hons), PhD, DSc, FESC
Research Professor, University of Pierre and Marie Curie,
Director Emeritus, INSERM Dyslipidemia and Atherosclerosis Research,
Past-President, European Atherosclerosis Society,
Pitie-Salpetriere University Hospital, Paris, France

Expert Panel: Prof. Dror Harats, Prof. Leitersdorf Eran, Prof. David Hasdai

12:30-14:30 Lunch - Annual Business Meeting of the Israeli Society of Cardiothoracic Surgery, Gallery Hall
14:30-16:00 Plenary II – Joint Session: European Society of Cardiology (ESC) – Israel Heart Society (IHS) – The ESC Presents
Chairs: Fausto J. Pinto, Portugal, Panos Vardas, Greece, Michael Glikson, Israel, Hall ABC

14:30

Overview – ESC & IHS Long Term Relationship
Fausto J. Pinto
President, European Society of Cardiology
Director, Lisbon Cardiovascular Institute, Lisbon University, Portugal

14:35

Imaging in Heart Failure
Jeroen J. Bax
President-Elect, European Society of Cardiology
Director of Non-invasive Imaging, Department of Cardiology
Leiden University Medical Center, The Netherlands

14:55

Genetics of Cardiovascular Disease
Eloisa Arbustini
Director, Center for Inherited Cardiovascular Diseases
Foundation I.R.C.C.S. Policlinico San Matteo, Pavia, Italy

15:15

Therapies to Prevent Reperfusion Injury in STEMI: A Status 2016
Dan Atar
Vice-President, European Society of Cardiology
Head of Research, Div. of Medicine, Oslo University Hospital, Ullevål, Norway

15:35

New Horizons in the Treatment of Atrial Fibrillation
Gerhard Hindricks
Director, Electrophysiology Department
Leipzig University Heart Center, Germany

16:00-16:30 Coffee Break, Exhibition & E-posters Visit
16:30-18:00 Interventional Cardiology II, Hall A
Chairs: Amit Segev, Eugenia Nikolsky, Israel

16:30

Image-based Fangio during Coronary Catheterization
Ran Kornowski¹, Ifat Lavi¹, Hana Vaknin-Assa¹, Abid Assali¹, Orna Valtzer¹, Mariano Pellicano², Vincent Flore², Bernard De Bruyne²
¹Interventional Cardiology, ¹Rabin Medical Center, Petach Tikva, Israel, Petach Tikva, Israel
²Interventional Cardiology, ²Cardiovascular Center Aalst, OLV Hospital, Aalst, Belgium, Aalst, Belgium

16:42

Impact of Renal Dysfunction on Transcatheter Aortic Valve Replacement Outcome in a Large Multicenter Cohort
Amos Levi¹, Pablo Codner¹, Giuseppe Gargiulo², Fabien Praz³, Kentaro Hayashida⁴, Amer Masalha¹, Yusuke Watanabe⁵, Darren Mylotte⁶, Nicolas Debruy², Marco Barbanti², Thierry Lefevre⁵, Thomas Modine¹, Johan Bosmans⁸, Stephan Windecker³, Israel Barbash⁹, Jan-Malte Sinning¹⁰, Alon Barsheshet¹, Ran Kornowski¹
¹Cardiology, Rabin Medical Center, Petah-Tikva, Israel, ²Cardiology, Ferrarotto Hospital, Italy
³Cardiology, Inselspital University Hospital, Bern, Switzerland, ⁴Cardiology, Keio University Hospital, Japan, ⁵Cardiology, Institute Cardiovasculaire Paris Sud, France, ⁶Cardiology, Galway University Hospital, Ireland, ⁷Cardiology Department, CHRU, Lille, France
⁸Cardiology, University Hospital, Antwerp, Belgium, ⁹Cardiology, Sheba Medical Center, Ramat Gan, Israel, ¹⁰Cardiology, Bonn University Hospital, Germany

16:54

Feasibility and Safety of the Antecubital Venous Access for Right Heart Catheterization in Pulmonary Hypertension
Avital Avriel¹, Avi Shimony², David Kriaf², Romi Kon², Gabriel Rosenstein², Miri Merkin², Yael Raviv¹, Doron Zahger², Carlos Cafri²
¹Pulmonology Institute, Department of Internal Medicine, ²Cardiology Department, Soroka University Medical Center, Ben-Gurion University., Beer-Sheva, Israel

17:06

Aortic Valve Gradient and Mortality in Patients Undergoing Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis
Guy Witberg¹, Issy Barbash², Arik Finkelstein³, Abid Assali¹, Amit Segev², Amir Halkin³, Paul Fefer², Jeremy Ben-Shoshan⁵, Maayan Konigstein³, Victor Guetta², Ran Kornowski¹, Alon Barsheshet¹
¹Department of Cardiology, Rabin Medical Center, Petach Tikva, ²Leviev Heart Center, Chaim Sheba Medical Center, Tel Hashomer, ³Department of Cardiology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

17:18

Urgent Transcatheter Aortic Valve Implantation in Patients with Severe Aortic Stenosis and Acute Heart Failure: Procedural and 30 Days Outcomes
Uri Landes, Katia Orvin, Pablo Codner, Abid Assali, Hana Vaknin-Assa, Shmuel Schwartznberg, Amos Levi, Yaron Shapira, Alexander Sagie, Ran Kornowski
Cardiology, Rabin Medical Center, Petah-tikva, Israel
Late Hemodynamic Improvement of Mitral Prosthesis after Transcatheter Mitral Valve in Valve Implantation

Eyal Nachum¹, Israel Barabash², Victor Guetta², Amit Segev², Paul Pefer², Boris Orlov¹, Amihai Shinfeld¹, Ehud Raanani¹
¹Cardiac Surgery, Chaim Sheba Medical Center, Tel-Hashomer, ²Cardiology, Chaim Sheba Medical Center, Tel-Hashomer, Ramat-Gan, Israel

Left Ventricular Mass to Coronary Blood Volume Ratio in Discrimination of Hypertrophic Phenotypes: Hypertrophic Cardiomyopathy and Hypertensive Heart Disease

Ashraf Hamdan¹, Ehud Schwammenthal², Monakier Daniel¹, Ariel Gutstein¹, Gideon Shafir³, Abid Assali¹, Ran Kornowski¹
¹Department of Cardiology, Rabin Medical Center, ²Department of Cardiology, Sheba Medical Center, ³Department of Diagnostic Imaging, Rabin Medical Center, Israel

16:30-18:00 Joint Session: The Israel Working Group on Echocardiography and the Israel Society of Cardiothoracic Surgery, Hall B
Chairs: Ehud Raanani, Yaron Shapira, Rafael Kuperstein, Israel

Cardiac War Injuries, Management of Penetrating Cardiac Shrapnel

Ziv Beckerman¹, Oved Cohen¹, Zvi Adler¹, Hany Bahouth², Yoram Kluger², Gil Bolotin¹
¹Cardiac Surgery, ²General Surgery, Rambam Healthcare Campus, Haifa, Israel

16:54

Late Outcomes after Second Repair (Re-repair) for Degenerative Mitral Valve

Amjad Shalabi¹, Hillit Cohen¹, Leonid Sternik¹, Boris Orlov¹, Alexander Kogan¹, Alexander Lipey¹, Uri Vaturi², Micha Feinberg², Ehud Raanani¹
¹Cardiac Surgery Department, Sackler School of Medicine, Tel- Aviv University, ²Cardiology Department, Sackler School of Medicine, Tel- Aviv University, Israel

17:06


Ram Sharony, Abid Assali, Hana Vaknin Assa, Yaron Shapira, Alexander Sagie, Isreal Kuznitz, Inbal Baruch, Dan Aravot, Ran Kornowski
Cardiothoracic Surgery and the Cardiology, Rabin Medical Center, Israel

17:18

Prediction of Post-operative Left Ventricular Dysfunction in Patients with Severe Mitral Regurgitation
17:30

Supra-annular (Intra-atrial) Mitral Valve Replacement in Patients with extremely calcified Mitral Valve Annulus

Boris Orlov¹, Yaron Moshkovitz², Ronny Ben-Avi¹, Alexander Kogan¹, Leonid Sternik¹, Ehud Raanani¹
¹Cardiothoracic Surgery, Sheba Medical Center, Tel Hashomer affiliated with th Sackler School of Medicine, Tel Aviv, ²Cardiothoracic Surgery, Assuta Medical Center, Tel Aviv, Israel

17:42

Does Concomitant Surgical Atrial Fibrillation Ablation Increase Immediate and Early Risk of Mitral Surgery?

Leonid Sternik, Alexander Kogan, Roy Beinart, Michael Glikson, Shany Levin, Ehud Raanani
Cardiac Surgery and Cardiology Department, Sheba Medical Center, Tel Aviv University, Israel

16:30-18:00 Kellerman Award Competition, Hall C
Chairs: Joseph Shemesh, Eli Lev, Israel

16:30

Novel E-selectin Binding Polymers Reduce Atherosclerotic Lesions in ApoE⁻/⁻ mice

Olga Tsoref¹,², Natalie Landa¹, David Kain¹,², Dalia Tyomkin³, Ayelet David³, Jonathan Leor¹,²
¹Sheba Medical Center, Tamman Cardiovascular Research Institute, ²Tel-Aviv University, Neufeld Cardiac Research Institute, ³Ben-Gurion University of the Negev, Department of Clinical Biochemistry and Pharmacology, Faculty of Health Sciences, Israel

16:42

Direct Reprogramming of Fibroblasts in a Failing Heart Improves Cardiac Function

Natali Molotski¹,², David Kain¹,², Uri Amit¹,², Moshe Katz¹,², Natalie Landa¹,², Alina Levich¹,², Jonathan Leor¹,²
¹Neufeld Cardiac Research Institute, Sheba Medical Center, Tel Aviv University, ²Sheba Center for Regenerative Medicine, Stem Cell, and Tissue Engineering, Tel-Hashomer, Israel

16:54

Body Mass Index in 2,298,130 Adolescents and Cardiovascular Mortality in Adulthood

Gilad Twig¹,²,³, Gal Yahav¹,³, Hagai Levine⁶, Adi Leiba¹,³,⁴, Nehama Goldberger⁵, Estela Derazne³,⁵, Dana Ben-Ami Shor¹,⁴, Dorit Tzur³, Arnon Afek⁴,⁵, Ari Shamis¹,⁴, Ziona Haklai⁵, Jeremy Kark⁶
¹Department of Medicine, Sheba Medical Center, ²The Pinhas Borenstein, Talpiot Medical Leadership Program, Sheba Medical Center, ³The Medical Corps, Israel Defense Forces ⁴The Sackler School of Medicine, Tel Aviv University, ⁵The Israeli Ministry of Health ⁶School of Public Health and Community Medicine, Hebrew University-Hadassah, Israel

17:06

The Effect of Moderate Wine Intake on Carotid Atherosclerosis in Type 2 Diabetes, A 2-year Intervention Study

Rachel Golan¹, Ilana Harman-Boehm², Dan Schwarzfuchs³, Ilan Shelef², Yftach Gepner¹, Shula Witkow¹, Idit F Liberty², Benjamin Sarusi¹, Uta Ceglarek⁴, Michael Stumvoll⁴, Matthias Blüher⁴, Joachim Thiery⁴, Meir J Stampfer⁵, Assaf Rudich¹, Iris Shai¹, Yaakov Henkin²
Gold Nanoparticles Coated with High Density Lipoprotein Enable Both Simultaneous Detection and Therapy of Macrophage-rich Plaques in Animal Models

Dorit Leshem-Lev¹, Rinat Ankri², Emanuel Harari¹, Menachem Motiei², Ran Kornowski¹, Edith Hochhauser¹, Dror Fixler², Eli Lev¹
¹Cardiology Department Rabin Medical Center, Cardiovascular Research Laboratories, Felsenstein Medical Research Center, Petah-Tikva, ²Bar-Ilan University, Faculty of Engineering and Institute of Nanotechnology and Advanced Materials, Ramat-Gan, Israel

Development of Novel Human Engineered Heart Tissue Models by the Use of Human iPSCs-Derived Cardiomyocytes and Cardiac-specific Extracellular Matrix

Idit Goldfracht¹, Rami Shinnawi¹, Yael Efraim², Irit Huber¹, Gil Arbel¹, Amira Gepstein¹, Wolfram-Hubertus Zimmermann³, Marcel Machluf², Lior Gepstein¹
¹Rappaport Faculty of Medicine and Research, Technion-Israel Institute of Technology, ²Faculty of Food and Biotechnology Engineering, Technion-Israel Institute of Technology, ³Institute of Experimental and Clinical Pharmacology and Toxicology, University Medical Center Hamburg-Eppendorf, Germany

16:30-18:00 Intensive Cardiac Care, Hall H
Chairs: Doron Zahger, Simcha Meisel, Israel

Contemporary Snapshot of the Heterogeneity Admixture of Patients Admitted to a Large Tertiary Center Intensive Cardiac Care Unit - PLATIS ICCU

Shlomi Matetzky, Elad Asher, Israel Mazin, Nitza Levi, Paul Fefer, Roy Beigel
Intensive Cardiac Care Unit, The Leviev Heart Center, Sheba Medical Center, Tel-Aviv University, Tel Hashomer, Israel

Contemporary Characteristics of Patients Admitted with and without an ACS to the Intensive Cardiac Care Unit – Results from a Large Tertiary Center Registry. PLATIS-ICCU

Roy Beigel, Elad Asher, Israel Mazin, Nitza Levi, Paul Fefer, Shlomi Matetzky
Intensive Cardiac Care Unit, The Leviev Heart Center, Sheba Medical Center, Tel-Aviv University, Tel Hashomer, Israel

Decreased Length of Stay in the Intensive Cardiac Care Unit with Preserved Clinical Outcome over the Last Decade

Amir Orlev, Arthur Pollak, Chaim Lotan, Israel Gotsman
Department of Cardiology, Hadassah-Hebrew University Medical Center, Jerusalem, Israel

Clinical Predictors of the Level of Circulating Immature Platelets in Patients with Acute Coronary Syndrome
17:18

Association of Immature Platelets with Adverse Cardiac and Cerebrovascular Outcomes
Adi Lador¹, Adaya Weissler-Snir¹, Aryeh Abelow², Doron Lederfein³, Negba Hen Hanuka³, Ran Kornowski¹, Eli Lev¹
¹Cardiology Department, Rabin medical center, ²Internal Medicine A, Rabin Medical Center, Beilinson Campus, ³Hematology laboratory, Rabin Medical Center, Hasharon campus, Petah-Tikva, Israel

17:30

Sensitivity and Specificity of Two Different Automated External Defibrillators (AED) Used in in-Hospital and Out-Of-Hospital Cardiac Arrest
Joerg Carlsson¹,², Johan Israelsson¹,², Kristofer Årestedt², Burkard Von Wangenheim¹
¹Dept. of Cardiology, Kalmar County Hospital, ²Faculty of Health and Life Sciences, Linnaeus University, Kalmar, Sweden

17:42

Respiratory Guard System: New Technology
Zvi Peled¹, Avishai Zisser², Michal Fertouk¹, Keren Bitton-Worms¹, Victor Kerzman¹, Gil Bolotin¹
¹Department of Cardiac Surgery, Rambam Health Care Campus, Technion – Faculty of Medicine, ²Department of Anesthesia, Rambam Health Care Campus, Technion – Faculty of Medicine, Haifa, Israel

16:30-18:00 Joint Session: The Working Group on Myocardial & Pericardial Diseases / Heart Failure and Israel Society of Cardiothoracic Surgery: Surgical Treatment of Advanced Heart Failure, Hall I
Chairs: Jacob Lavee, Tuvia Ben-Gal, Israel

16:30

Trends of Early and Late Rejection Rates Following Heart Transplantation over the Past Two Decades: Real world Data from a National Tertiary Center Registry
Moshe Katz¹, Jacob Lavee², Yedael Har-Zahav¹, Michael Arad¹, Yedida Shemesh¹, Yigal Kassif², Nir Shlomo², Ilan Goldenberg¹, Dov Freimark¹, Yael Peled¹
¹Cardiology, Sheba Medical Center, ²Cardiothoracic Surgery, Sheba Medical Center, ³The Israeli Association for Cardiovascular Trials, Sheba Medical Center, Israel

16:42

The Impact of Gender Mismatching on Early and Late Outcomes Following Heart Transplantation
Yael Peled¹, Moshe Katz¹, Jacob Lavee², Michael Arad¹, Yedida Shemesh¹, Yigal Kassif², Yedael Har-Zahav¹, Ilan Goldenberg¹, Dov Freimark¹
¹Cardiology, Sheba Medical Center, ²Cardiothoracic Surgery, Sheba Medical Center, Israel

16:54

Gender Differences in Mortality of Candidates for Heart Transplantation in Israel
17:06

Left Ventricular Assist Device Therapy for Advanced Heart Failure – the Sheba experience
Avishay Grupper, Dov Freimark, Yigal Kassif, Yedida Shemesh, Alexander Kogan, Sergey Preisman, Jacob Lavee
Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel

17:18

Continuous Flow Left Ventricular Assist Devices: One Year Survival by Era. A Single Center Experience
Daniel Murninkas, Binyamin Ben Avraham, Israel Mats, Tal Hassin, Victor Rubchevsky, Miriam Abuhazira, Dmitry Golubov, Viki Yaari, Yulia Zusman, Benjamin Medalion, Ran Kornowsky, Dan Aravot, Tuvia Ben Gal
1 Cardiology, Rabin Medical Center, 2 Cardiac Surgery, Rabin Medical Center, Petach Tikva, Israel

17:30

Endothelial Dysfunction during Continuous Flow Left Ventricular Assist Device Support: Effects on the Number and Function of Endothelial Progenitor Cells
Tal Hasin, Eli Lev, Dorit Leshem-Lev, Daniel Murninkas, Benjamin Ben-Avraham, Miriam Abuhazira, Dmitry Golubov, Victor Rubchevsky, Dan Aravot, Ran Kornowski, Tuvia Ben-Gal
1 Cardiology, Shaare Zedek Medical Center, Jerusalem, 2 Cardiology, Rabin Medical Center, 3 Vascular Research, The Felsenstein Medical Research Institute, 4 Cardiothoracic Surgery, Rabin Medical Center, Petah-Tikva, Israel

17:42

Peripheral Vein Saturation May be Used as a Surrogate Marker for Increased Susceptibility to Gastrointestinal Bleeding in LVAD Patients
Yaron D. Barac, Victor Rubchevsky, Tuvia Ben-Gal, Ram Sharony, Daniel Murninkas, Miriam Abuhazira, Dmitry Golubov, Victoria Yaari, Tal Hasin, Ben Ben-Avraham, Benjamin Medalion, Eitan Snir, Ran Kornowski, Dan Aravot
1 The Cardiothoracic Department, Rabin Medical Center, 2 The Cardiology Department, Rabin Medical Center, Petach Tikva, Israel

16:30-18:00 AFICARDIO - Management of Cardiotoxicity of Antineoplastic Drugs, Hall J
Chairs: Ariel Aaron Cohen, France, Bernard Belhassen, Israel

16:30

Pathophysiology of Cardiotoxicity of Antineoplastic Drugs
Atul Pathak
Chair, Clinical Research
Head of Hypertension and Heart Failure
Director of Onco Cardiology Unit Clinique Pasteur, Toulouse, France

16:50

Evaluation of Toxicity with Biomarkers
Zaza Iakobishvili
Israel
17:10

**Cardiac Imaging of Cardiotoxicity**  
Avinoam Shiran  
Israel

17:30

**Therapies to Prevent Cardiotoxicity**  
Stephane Ederhy  
Noninvasive Unit, Echocardiography, Cardiology Department  
APHP, Saint-Antoine & Tenon Hospital, Pierre et Marie Curie University, Paris, France

17:50

Discussion

16:30-18:00 Comprehensive Cardiac Imaging, Hall 3  
Chairs: Tali Sharir, Jonathan Lessick, Israel

16:30

**Pulmonary Hypertension: A Nomogram Based on CT Pulmonary Angiographic Data for Prediction in Patients without Pulmonary Embolism**  
Hezzy Shmueli\(^2\), Galit Aviram, Sharon Adam\(^1\), Ahiud Bendet\(^1\), Tomer Ziv-Baran\(^5\), Arie Steinvil\(^2\), Shlomo Berliner\(^3\), Nahum Nesher\(^4\), Yanai Ben-Gal\(^4\), Yan Topilsky\(^2\)  
\(^1\)Radiology, TASMC, \(^2\)Cardiology, TASMC, \(^3\)Internal medicine E, TASMC, \(^4\)Cardiothoracic Surgery, TASMC, \(^5\)Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, TAU, Tel Aviv, Israel

16:42

**Acute Pulmonary Embolism among Patients with and without Malignancy: Comparison of Cardiac Measurements Using CT Pulmonary Angiography**  
Assi Milwidsky\(^1,3\), Yitzhak Hadad\(^2\), Eugine Soikher\(^2\), Achiude Bendet\(^2\), Sharon Greenberg\(^1\), Yan Topilsky\(^1\), Tomer Ziv-Baran\(^1\), Shlomo Berliner\(^1\), Galit Aviram\(^2\)  
\(^1\)Department of Internal Medicine "E", Tel Aviv Sourasky Medical Center, \(^2\)Department of Radiology, Tel Aviv Sourasky Medical Center, \(^3\)Department of Cardiology, Tel Aviv Sourasky Medical Center, \(^4\)Department of Statistical Science, Tel Aviv University, Tel-Aviv, Israel

16:54

**Correlation of LBBB and Mechanical LV Dyssynchrony in Patients with Normal and Abnormal Left Ventricular Function and Prediction of Mortality**  
Nili Zafrir, Tamir Bental, Boris Strasberg, Israel Mats, Ariel Gutstein, Ran Kornowski, Alejandro Solodky  
Cardiology, Rabin Medical Center, Beilinson Center, Petah Tikva, Israel

17:06

**Prognostic Value of Left Ventricular Dyssynchrony by Myocardial Perfusion Gated SPECT in Patients with LVEF ≤ 35%**  
Alejandro Solodky\(^1,2\), Tamir Bental\(^1,2\), Ariel Gutstein\(^1,2\), Israel Mats\(^1,2\), Ran Kornowski\(^1,2\), Nili Zafrir\(^1,2\)  
\(^1\)Cardiology, Rabin Medical Center (Beilinson), Petach Tikva, Dan, \(^2\)Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel
Quantitation of Left Ventricular Ejection Fraction Reserve from Early Gated Regadenoson Stress Tc-99m High Efficiency SPECT

Yafim Brodov, Mathews Fish, Heidi Gransar, Daniel Berman, Guido Germano, Piotr Slomka
1Nuclear Cardiology and Cardiac Imaging, Cedars Sinai Medical Center, Los Angeles, California, USA, 2Nuclear Medicine Department, Oregon Heart and Vascular Institute, Sacred Heart Medical Center, Springfield, Oregon, USA

17:30

Prognostic Value of Ultrafast Myocardial Perfusion Spect Imaging Using an Intergrated Stress-first and Stress-Only Approach

Tali Sharir, Boris Brodkin, Beatriz Hemo, Judith Tsamir, Gil Kovalski, Vitali Prochorov, Andrzej Bojko, Marina Pinskie, Konstantine Merzon, Amos Katz
1Nuclear Cardiology, Assuta Medical Centers, 2Assessment and Investigation, Maccabi Healthcare Services, Tel Aviv, 3Cardiology, Barzilai University Medical Center, Ashkelon, 4Nuclear Medicine, General Electric, Haifa, Israel

17:42

Pericardial Adiposity Trajectory during Long-term Lifestyle Intervention: CENTRAL-HEART MRI RCT Sub-study

1Faculty of Health Sciences, Ben-Gurion University of the Negev, 2Soroka University, Medical Center, Be’er-Sheva, 3Division of Cardiology, Sha’are-Tzedeck Medical Center, Jerusalem, Israel, 4Nuclear Research Center, Negev, Dimona, 5Internal Medicine D, Rabin Medical Center, Campus Golda, Petach Tikva, Israel, 6Department of Medicine, University of Leipzig, Leipzig, Saxony, Germany, 7Channing Division of Network Medicine, Department of Medicine, Brigham and Women’s Hospital and Harvard School of Public Health, Boston, MA, USA

16:30-18:00 Cardiac Rehabilitation, Hall 4
Chairs: Jacob Klein, Robert Klempfner, Israel

16:30

Association between Norton Scale Score and Long-term Mortality after Acute Myocardial Infarction

Hagar Silber, Ygal Plakh, Arthur Shiyovich, Harel Gilutz
1Primary Care Clinic, Clalit Health Services, Gedera, 2Faculty of Health Sciences, Soroka University Medical Center and Ben-Gurion University of the Negev, Beer-Sheva, 3Internal Medicine E, Rabin Medical Center, Beilinson Hospital, Petah-Tikva, Israel

16:42

The Utility and Outcome of Multidisciplinary Cardiac Rehabilitation after Myocardial Infarction in the Modern Era

Jacob Klein, Noa Raviv Ables, Michael Mazar, Ariel Karawan, Allon Kirschner, Rachel Aran, Zviya Mizrachi, Rivka Farkash, Jonathan Balkin, Marc Klutstein, Dan Tzivoni, Giora Weisz
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel

16:54
Comparison between Moderate-high Interval Training and Continuous Training in a Real-life Cardiac Rehabilitation Program - 6 Monhts Follow-up

Yael Pernick1, Jonathan Moore2, Hans-Peter Kubis2, Itzhak Zyssman1, Zvika Vered1
1Cardiology, Asaf Harofe, Israel
2School of Sport, Health, and Exercise Sciences, Bangor University, Bangor, Wales, UK

17:06

Treatment Gaps in Management of Patients Following Acute Myocardial Infarction: Analysis of Real-World Data

Dahlia Weitzman1,2, Lori D. Bash3, Ofer Sharon4, Assi Milwidsky5, Gabriel Chodick1,2, Varda Shalev1,2
1Department of epidemiology and database research, Maccabitech, Maccabi Healthcare Services,
2Sackler Faculty of Medicine, Tel-Aviv University, Tel Aviv, Israel
3Global Health Outcomes, C.O.R.E., Merck & Company, Inc., Rahway, NJ, USA, 4Medical Affairs, MSD Israel, Hod Hasharon, 5Internal department E, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

17:18

A New Cardiac Rehabilitation Unit in Haemek Medical Center. The First Patients Demographic and Clinical Characteristics

Menachem Nahir, Sophie Gordon, Ilia Lachman, Hagar Shumovitz
Cardiology, Cardiac Rehabilitation Unit, Israel

17:30

Increase of Biomarkers after the Kalmar Ironman in Male and Female Non-Elite Triathletes

Joerg Carlsson1, Tony Ragnarsson2, Tom Danielsson2, Patrick Bergman2
1Health and Caring Sciences, Linnaeus University, 2Sport Science, Linnaeus University, Sweden

17:42

Atherosclerotic Burden and Heart Failure after Myocardial Infarction

Yariv Gerber1,2, Susan Weston2, Maurice Enriquez-Sarano3, Sheila Manemann2, Alanna Chamberlain2, Ruoxiang Jiang2, Véronique Roger3,3
1Epidemiology and Preventive Medicine, Tel Aviv University, Tel Aviv, Israel, 2Health Sciences Research, Mayo Clinic, 3Cardiovascular Diseases, Mayo Clinic, Rochester, Minnesota, USA
08:30-10:00 Interventional Cardiology III, Hall A
Chairs: Ronen Jaffe, Ariel Roguin, Israel

08:30

Comparison of instantaneous wave-free ratio (iFR) and fractional flow reserve (FFR)
Oranit Shlomi\textsuperscript{1}, Eli Lev\textsuperscript{2}, Amnon Eitan\textsuperscript{1}, Amir Solomonica\textsuperscript{1}, Katia Orvin\textsuperscript{2}, Sergey Yalonetsky\textsuperscript{1}, Eugenia Nikolsky\textsuperscript{1}, Anees Musallam\textsuperscript{1}, Ariel Roguin\textsuperscript{1}  
\textsuperscript{1}Cardiology, Rambam Medical Center, Haifa, \textsuperscript{2}Cardiology, Hasharon Medical Center, Petach Tikva, Israel

08:42

Trans-catheter Valve Implantation (TAVI) Versus Sutureless Aortic Valve Replacement in Elderly Patients
Amjad Shalabi\textsuperscript{1}, Israel Barbash\textsuperscript{2}, Boris Orlov\textsuperscript{1}, Alexander Lipey\textsuperscript{1}, Amit Segev\textsuperscript{2}, Paul Fefer\textsuperscript{2}, Micha Feinberg\textsuperscript{2}, Alexander Kogan\textsuperscript{1}, Elad Maor\textsuperscript{2}, Victor Guetta\textsuperscript{2}, Ehud Raanani\textsuperscript{1}  
\textsuperscript{1}Cardiac Surgery Department, \textsuperscript{2}Cardiology Department, Chaim Sheba Medical Center, Sackler School of Medicine, Tel-Aviv University, Israel

08:54

Left Ventricular Mass to Coronary Blood Volume Ratio in Patients with Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation
Ashraf Hamdan\textsuperscript{1}, Ella Shaviv\textsuperscript{2}, Victor Guetta\textsuperscript{2}, Israel Barbash\textsuperscript{2}, Orly Goitein\textsuperscript{3}, Eli Konen\textsuperscript{3}, Amit Segev\textsuperscript{2}, Paul Fefer\textsuperscript{2}, Abid Assali\textsuperscript{1}, Rand Kornowski\textsuperscript{1}, Ehud Schwammenthal\textsuperscript{2}  
\textsuperscript{1}Department of Cardiology, Rabin Medical Center, \textsuperscript{2}Department of Cardiology, Sheba Medical Center, \textsuperscript{3}Department of Diagnostic Imaging, Sheba Medical Center, Israel

09:06

Iterative Model Reconstruction in Patients Undergoing CT before Transcatheter Aortic Valve Implantation: Reduction of Radiation and Contrast volume
Ariel Gutstein, Ran Kornowski, Abid Asali, Hanah Vaknin, Ashraf Hamdan
Cardiology/Radiology, Rabin Medical Center, Petah Tikva, Israel

09:18

Novel Insight into the "Geographical Miss Phenomenon": Device Motion Indicator, a New Feature to Evaluate Relative Axial Stent Movement inside Coronary Artery and to Facilitate its Precise Deployment Site
Rami Abu Fanne, Simcha Ron Meisel, Avraham Shotan, Aharon Frimerman
Cardiology Department, Hillel Yaffe Medical Center, Hadera, Israel

09:30

Ventricular Septal Defect as a Complication of TAVI: Mechanism and Incidence
Vicki Zeniou\textsuperscript{1}, Shmuel Chen\textsuperscript{1}, Dan Gilon\textsuperscript{1}, Amit Segev\textsuperscript{2}, Israel Barbash\textsuperscript{2}, Ariel Finkelstein\textsuperscript{3}, Ronen Beeri\textsuperscript{1}, David Planer\textsuperscript{1}, Mony Shuvy\textsuperscript{1}, Chaim Lotan\textsuperscript{1}, Haim D. Danenberg\textsuperscript{1}  
\textsuperscript{1}Cardiology, Hadassah Medical Center, Jerusalem, \textsuperscript{2}Cardiology, Sheba Medical Center, \textsuperscript{3}Cardiology, Tel Aviv Medical Center, Israel
Transcatheter Aortic Valve Replacement in Patients under the Age of 70
Ehud Regev¹,², Victor Guetta¹,², Ran Kornowski³, Ariel Finkelstein⁴, Katia Orvin³, Amir Halkin⁴, Uri Landes³, Arik Steinvil³, Amos Levi³, Jeremy Ben Shoshan⁴, Israel Barbash¹,², Paul Fefer¹,², Amit Segev¹,²
¹Leviev Heart Center, Sheba Medical Center, Tel Hashomer, ²Sackler School of Medicine, Tel Aviv University, Tel Aviv, ³Cardiology, Rabin Medical Center, Petach Tikva, ⁴Heart Institute, Tel Aviv Medical Center, Tel Aviv, Israel

08:30-10:00 Echocardiography Valvular Heart Disease, Hall B
Chairs: Alik Sagie, Avinoam Shiran, Israel

08:30
Flow Acceleration Time for the Diagnosis of Severe Aortic Stenosis
Israel Mazin, Moshe Katz, Ori Vaturi, Rafael Kuperstein, Roy Beigel, Elad Asher, Micha S. Feinberg, Sagit Ben Zekry
Non Invasive Cardiology Unit, Sheba Medical Center, Israel

08:42
Complementary TEE to TTE in Aortic Stenosis Severity Assessment – Is there an Added Benefit?
Shmuel Schwartzzenberg, Alexander Sagie, Shirit Kazum, Mordechai Vaturi, Daniel Monakier, Ran Kornowski, Yaron Shapira
Cardiology, Rabin Medical Center, Beilinson Hospital, Petach Tikva, Israel

08:54
Impact of Negative Trans-thoracic Echocardiography in the Diagnosis of Infective Endocarditis
Marina Leitman¹,², Eli Peleg¹,², Ruthie Shmueli¹, Zvi Vered¹,²
¹Department of Cardiology, Assaf Harofeh Medical Center, ²Sackler School of Medicine, Tel Aviv University, Israel

09:06
"Sound-based" Compared to "Ultrasound-based" Diagnosis of Valvular Pathologies by Final Year Medical Students
Lior Zeller¹, Tomer Maman¹, Tali Shafat Fainguelert¹, Ianiv Fainguelert¹, Leonid Barski¹, Sergio L, Kobal²
¹Internal Medicine F, ²Cardiology Department, Soroka University Medical Center, Beer-Sheva, Israel

09:18
Mechanisms of Effort Intolerance in Patients with Rheumatic Mitral Stenosis: Combined Echo and Cardio-Pulmonary Stress Protocol
Yan Topilsky, Michal Laufer-Perl, Simon Biner, Gad Keren
Cardiology, Tel Aviv Medical center, Tel Aviv, Israel

09:30
Impact of Tricuspid Regurgitation and Right Ventricular Dysfunction on Outcome of Patients Undergoing Trans-catheter Aortic Valve Replacement
Organic vs. Functional Mitral Regurgitation in Patients Undergoing Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis

Elisha Ouzan¹, Bryan Kindya², Israel Gotsman¹, Vasilis Babaliaros², Ehan Gonen¹, Stamatios Lerakis², Eran Karayel¹, Vinod Thurani², Haim Danenberg¹, Chaim Lotan¹, Ronen Beer¹, Dan Gilon¹, Kreton Mavromatis²
¹Heart Institute, Hadassah Hebrew University Medical Center, Jerusalem, Israel, ²Heart Institute, Emory University Medical Center, Atlanta, Georgia, USA

08:30-10:00 Ablation of Cardiac Arrhythmias, Hall C
Chairs: Roy Beinart, David Luria, Israel

Treatment and Outcomes in Elderly and Very Elderly Patients Aged 75–85 and ≥ 85 Years with Atrial Fibrillation. A Prospective National Study

Yoav Arnson¹,²,³, Orna Reges², Moshe Hoshen², Yardena Rabi², Ran Balicer², Morton Leibowitz², Moti Haim²,⁴,⁵
¹Cardiology Department, Meir Medical Center, ²Research Institute, Clalit Health Services, ³Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, ⁴Cardiology Department, Soroka Medical Center, Beer Sheva, ⁵Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel

Gender Differences in Success Rates of Catheter Ablation of Atrial Fibrillation

Avi Sabbag¹, Younis Orwa¹, Yasmin Farhadian¹, David Luria², Osnat Gurevitz¹, Eyal Nof¹, Michael Glikson¹, Roy Beinart¹
¹Leviev Heart Institute, The Chaim Sheba Medical Center, Tel-Hashomer, Ramat-Gan, ²Cardiology, Hadassah Medical Center, Jerusalem, Israel

Poor Heart Rate Reserve Predicts New Onset Atrial Fibrillation in Middle Aged Adults

Avi Sabbag¹, Yehezkel Sidi², Shaye Kivity², Roy Binart¹, Shlomo Segev³, Michael Glikson¹, Ilan Goldenberg¹, Elad Maor¹
¹Leviev Heart Institute, The Chaim Sheba Medical Center, Tel-Hashomer, Ramat-Gan, ²Department of Internal Medicine C, The Chaim Sheba Medical Center, Tel-Hashomer, Israel, ³Institute for Medical Screening, The Chaim Sheba Medical Center, Tel-Hashomer Ramat Gan, Israel

A New CARTO® Segmentation Module Software to Facilitate Ablation of Arrhythmias

Oholi Tovia Brodie, Aharon Glick, Michael Barkagan, Raphael Rosso, Bernard Belhassen, Yoav Micowitz
Cardiology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

Ablation-Induced Change in the Course of Fascicular Tachycardia

Avishag Laish-Farkash¹, Avi Sabbag², Yoav Michowitz³, Vladimir Khalameizer¹, Aharon Glick³, Amos Katz², Michael Glikson²
¹Electrophysiology Unit, Cardiology Department, Barzilai Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Ashkelon, ²Davidai Arrhythmia Center, Leviev Heart Institute, ³Heart Institute, Hadassah Hebrew University Medical Center, Jerusalem, Israel
09:30

**Electrocardiographic Comparison of Ventricular Premature Complexes in Patients with Inherited Dilated Cardiomyopathy and in Patients with Ventricular Premature Complex induced Cardiomyopathy**

Miry Blich, Wisam Darawsha, Ibrahim Marai, Mahmoud Suleiman, Lior Gepstein, Monther Boulous
Division of Pacing and Electrophysiology, Rambam Health Care Campus and Bruce Rappaport Faculty of Medicine, Haifa, Israel

09:42

**Long Term Flecainide Therapy in Type-3 Long QT Syndrome**

Ehud Chorin¹, Rivki Taub², Aron Medina², Nir Flint¹, Sami Viskin¹, Jesaia Benhorin¹
¹ Cardiology, Tel Aviv Sourasky Medical Center, Tel Aviv, ² Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel

08:30-10:00 Joint Session of the Israeli Heart Society and Society of Cardiovascular Computed Tomography (SCCT), Hall H
Chairs: Jonathon A. Leipsic, Canada, Orly Goitein, Israel

08:30

**MDCT to Reduce TAVR and Valve in Valve Complications**

Jonathon A. Leipsic
President, Society of Cardiovascular CT
Chairman, Department of Radiology, Providence Health Care, Vancouver, Canada

08:50

**Automatic Estimation of Optimal Deployment Angles and Dimensions for Transcatheter Aortic Valve Implantation: Comparison between Edwards Sapien XT and Corevalve Prostheses**

Arthur Kerner¹, Sobhi Abadi², Roy Dotan³, Marcia Javitt², Jonathan Lessick¹
¹ Cardiology, ² Radiology, Rambam Medical Centre, ³ CT Division, Philips Healthcare, Haifa, Israel

09:02

**Geometry of the Aorto-Ventricular Annulus as a Predictor of Pacemaker Implantation Following Transcatheter Aortic Valve Replacement – A Proof-of-Concept Study**

Michael Barkagan¹, Yan Topilsky¹, Arie Steinvil¹, Galit Aviram², Jeremy Ben-Shoshan¹, Leehee Barak¹, Ariel Finkelstein¹, Shmuel Banai¹, Gad Keren¹, Haim Shmilovich¹
¹ Cardiology, ² Radiology, Tel Aviv Sourasky Medical Center, Tel-Aviv, Israel

09:14

**Automated 4-dimensional Regional Myocardial Strain Evaluation using Cardiac Computed Tomography**

Zvi Peled¹, Yehiel Lamash³, Keren Biton-Worms¹, Gil Bolotin¹, Anath Fischer³, Jonathan Lessick²
¹ Cardiothoracic Surgery, ² Cardiology, Rambam Medical Centre, ³ Mechanical Engineering, Technion, Israel Institute of Technology, Haifa, Israel

09:26
Predicting the Size of Left Atrial Appendage Occluder Using a Printed MDCT 3D Model – A Feasibility Study

Orly Goitein¹, Noam Fink², Victor Guetta², Roy Beinart², David Luria³, Eli Konen¹, Elio Di Segni¹, Michael Glikson²

¹Diagnostic Imaging, Sheba Medical Center, ²Heart Institute, Sheba Medical Center, Ramat- Gan, ³Departemnt of Cardiology, Hadassah Medical Center, Jerusalem, Israel

09:38

High Incidence of Renal Artery Stenosis in Post TAVI Acute Kidney Injury

Orly Goitein¹, Orna Komisar¹, Israel Barbash², Victor Guetta², Amit Segev², Paul Fefer², Elad Asher², Sagit Ben Zikri², Anat Berkovitz², Ashraf Hamdan³, Elio Di Segni¹, Boris Orlov², Eli Konen¹, Yafim Brodov¹²

¹Diagnostic Imaging, ²Heart Institute, Sheba Medical Center, Ramat Gan, ³Department of Cardiology, Rabin Medical Center, Petach- Tikva, Israel

08:30-10:00 New Discoveries in Basic Researches I, Hall I
Chairs: Izhak Kehat, Mickey Scheinowitz, Israel

08:30

TRPV2 Knockout Mice Demonstrate Better Cardiac Performance Following Myocardial Infarction Relative to Their Wild-type Counterparts Potentially due to Attenuated Macrophage-Dependent Phagocytosis

Michal Entin-Meer¹², Lena Cohen¹², Ran Levy¹, Einat Hertzberg-Bigelman¹², Jeremy Ben-Shoshan¹², Gad Keren¹²

¹Cardiology, Cardiovascular Research Laboratory, ²Cardiology, Tel Aviv Sourasky Medical Center, Tel-Aviv, Israel

08:42

Hypothesis: Low Level Laser Prevents Abdominal Aortic Aneurysm in Angiotensin-II-Induced Apolipoprotein E-Deficient Mice by Inhibiting Decay of Smooth Muscle Cell Mitochondrial Membrane Potential

Lilach Gavish¹, Ronen Beeri², Dan Gilon², Chen Rubinstein³, Yacov Berlatzky³, S. David Gertz¹

¹Institute for Medical Research (IMRIC), The Hebrew University--Hadassah Medical School, Jerusalem, Israel, ²Department of Cardiology, The Hebrew University--Hadassah Medical School and Hadassah University Hospital, Jerusalem, Israel, ³Department of Vascular Surgery, The Hebrew University--Hadassah Medical School and Hadassah University Hospital, Jerusalem, Israel

08:54

Characterization of Surface Markers of Reticulated Young Platelets Compared with Mature Platelets

Adi Lador¹, Dorit Leshem-Lev², Galia Spectre⁴, Aryeh Abelow³, Ran Kornowski¹, Eli Lev¹

¹Cardiology Department, Rabin Medical Center, Beilinson Campus, Petah-Tikva, Israel, ²The Felsenstein Medical Research Center, Rabin medical center, Beilinson Campus, ³Internal Medicine A, Rabin Medical Center, ⁴Department of Hematology, Rabin Medical Center, Beilinson Campus, Petah-Tikva, Israel

09:06

Heart Rhythm Analysis by Sparse Representation for Immediate Acute Stressful Event Detection

Shai Tejman Yarden¹², Leng Ky³, Ofer Levi⁴, Yisrael Parmet⁴, Michael Saunders⁵, Imanuel Lerman⁶, Haim Berkenstadt⁷, Yonina Eldar⁸, Pavel Lifshits⁸, James C Perry², Dewleen G Baker⁶,
09:18

First Description of Complete Deletion of the Lipoprotein Lipase Gene

Sara Hoss¹, Shoshi Shpitzen¹, Eran Leitersdorf¹, Daniel Schurr¹, Eti Granot², Chaim Lotan¹, Ronen Durst¹

¹Department of Cardiology, Hadassah Medical Center, Jerusalem, ²Department of Pediatrics, Kaplan Medical Center, Rehovot, Israel

09:30

Is Pulmonary Microvascular Recruitment Possible during Supine Bicycle Exercise?

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

¹Center for Pulmonary Vascular Disease, Div. of Cardiology, Jewish General Hospital, McGill University, Montreal, Quebec, Canada, ²Pulmonary Hypertension Clinic, Dept. of Critical Care, Attikon Hospital, University of Athens, Athens, Greece, ³Frank Reidy Research Center for Bioelectronics, Old Dominion University, Norfolk, VA, USA

08:30-10:00 Joint Session: The Israel Society of Cardiothoracic Surgery and Society of Cardiothoracic Surgeons of South Africa, Hall J

Chairs: Gil Bolotin, Oz Shapira, Israel; Robert Kleinloog, South Africa

08:30

Cardiac Surgery in SA – Past, Present and Future

Robert Kleinloog
South Africa

08:42

Concomitant Left Internal Thoracic Artery Revascularization of the Left Anterior Descending (LAD) and Diagonal Artery: Inverted J-technique (LAD-first) or Standard Sequential Grafting

Oren Lev-Ran, Menachem Matsa, Dan Avramov, Yaron Ishay, Lior Raichel, Gideon Sahar
The Department of Cardiothoracic Surgery, Soroka University Medical Center, Beer-Sheva, Israel

08:54

A Single Institution’s Experience with Complex Thoracic Aortic Surgery in Resource Restricted Environment

E Zigiriadis, G Faqaawi, K Van der Donck
Division of Cardiothoracic Surgery, University of the Witwatersrand, South Africa

09:06

Dealing with Heavy Atherosclerotic Burden in the Left Anterior Descending Artery with Coronary Endarterectomy or Onlay Patch Angioplasty

Ohad Bitan¹, Eyal Leshem¹, Paul Pirundini², Carrie Consalvi², Kevin Lilly², Quincy King², Dan Loberman²
09:18

Isolated Aortic Valve Replacement in a Rheumatic Population
Jacques Scherman, Rodgers Manganyi, Paul Human, Peter Zilla
Chris Barnard Division of Cardiothoracic Surgery, University of Cape Town, South Africa

09:30

Short and Longterm Results After Prosthetic Mitral Valve Implantation in Patients with Severe Mitral Annulus Calcification
Ronny Ben-Avi, Boris Orlov, Leonid Sternik, Alexander Kogan, Micha Feinberg, Amjad Shalabi, Alexander Lipey, Ehud Raanani
Cardiothoracic Surgery, Sheba Medical Center, Tel Hashomer, affiliated with the Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

09:42

Total Aortic Arch Endograft – FIM Study
David Planer
Heart Institute, Hadassah Medical Center, Jerusalem, N/A, Israel

08:30-10:00 Assessment and Outcomes of Myocardial Diseases, Hall 3
Chairs: Shemy Carasso, Sorel Goland, Israel

08:30

Abnormal Multilayer Myocardial Mechanics in Genotype-Positive Left Ventricular Hypertrophy-Negative Patients with Hypertrophic Cardiomyopathy
Lynne K Williams¹,², James Misurka¹, Carolyn Y Ho³, Wan-Xian Chan¹, Anna Woo¹, Yoram Agmon⁴, Christine Seidman³, Harry Rakowski¹, Shemy Carasso¹
¹HCM Clinic, Division of Cardiology, Toronto General Hospital, University Health Network, Toronto, Ontario (ON), Canada, ²Department of Cardiology, Papworth Hospital NHS Foundation Trust, Cambridge, UK, ³Cardiovascular Division, Brigham and Women’s Hospital, Harvard Medical School, Boston, Massachusetts, USA, ⁴Cardiology, Rambam Health Care Campus, Technion - Israel Institute of Technology, Haifa, Israel

08:42

Assessment of Diastolic Function in Hypertrophic Cardiomyopathy by Computed Tomography Derived Analysis of Left Ventricular Filling
Itai Ghersin¹, Eduard Ghersin⁴, Sobhi Abadi³, Doron Aronson², Jonathan Lessick²
¹Medical Corps, Israel Defence Force, ²Cardiology, ³Radiology, Rambam Medical Centre, Haifa, Israel, ⁴Radiology, Leonard M. Miller School of Medicine, University of Miami, Miami, Florida, USA

08:54

Serum Levels of IgG4 in Patients Elevated in Acute Idiopathic Myocarditis
Igor Volodarsky¹, Irena Fugenfirov¹, Eran Neumark², Liaz Zilberman¹, Jacob George¹, Sorel Goland¹
¹The Heart Institute, Kaplan Medical Center, Rehovot, ²Department of Internal Medicine E, Meir Hospital, Kfar Saba, Israel

09:06
Management and Outcome of Pregnancy in Non-peripartum Dilated Cardiomyopathy: Results from the Registry on Pregnancy and Cardiac Disease (ROPAC)

Avraham Shotan1, Uri Elkayam2, Iris van Hagen3, Alicia Vazan1, Simcha R Meisel1, David S Blondheim1, Michael Shohat1, Aharon Frimerman1, Lubov Vasilenko1, Sorel Goland4, Alex Blatt5, Jolien W Roos-Hesselink3
1Heart Institute, Hillel Yaffe Medical Center, Hadera, Israel, 2Department of Medicine, Division of Cardiology, USC-LAC Medical Center, Los Angeles, CA, USA, 3Cardiology, Erasmus University Medical Center, Rotterdam, Netherlands, 4Cardiology, Kaplan Medical Center, Rehovot, 5Cardiology, Assaf Harofeh Medical Center, Zerifin, Israel

09:18

Preliminary Results of a Cardio-Oncology Clinic - the Rabin Medical Center Experience

Zaza Iakobishvili1,4, Moti Vaturi1,4, Hadas Ofek-Epstein1, Alexander Sagie1,4, Baruch Brenner2,4, Rinat Yerushalmi2,4, Pia Raanani3,4, Ran Kornowski1,4
1Cardiology, 2Institute of Oncology, Davidoff Cancer Center, Center, 3Institute of Hematology, Davidoff Cancer Center, Rabin Medical Center, Petah Tikva, 4Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

09:30

Usefulness of 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, Yosef Hassid, Ariel Gutstein, Tueva Ben-Gal, Doron Belzer, Daniel Morninks, Ran Kornowski, Alejandro Solodky
Cardiology, Rabin Medical Center, Beilinson Hospital, Petah Tikva, Israel

09:42

Echocardiographic Ventricular Septal Motion Abnormalities and no Left Atrial Enlargement are Associated with Pre-capillary Pulmonary Hypertension in Patients with Preserved Left Ventricular Function

Gingy Ronen Balmor2, Michael Segel2, Paul Fefer1, Elad Maor1, Jonathan Buber1, Sagit Ben Zekry1, Elio DiSegni1, Issahar Ben-Dov1, Amit Segev1
1The Heart Center, 2The Pulmonary Institute, Chaim Sheba Medical Center, Tel Hashomer, Israel

08:30-10:00 Cardiovascular Pharmacology, Hall 4

Chairs: Michael Shechter, Ronen Durst, Israel
The Role of Spironolactone in the Treatment of Patients with Resistant Hypertension
Elisha Ouzan
Heart Institute, Hadassah Hebrew University Medical Center, Jerusalem, Israel

09:06

Trends in the Use of Anticoagulation as the Results of the Introduction of the Novel Anticoagulants
Marc Klutstein, Moshe Rav-Acha, Michael Ilan, Aharon Medina, Benjamin Mazouz, Mady Moriel, David Rosenmann, Adi Butnaru, Elias Maazawi, Rivka Farkash, Giora Weisz
Cardiology, Shaare Zedek Medical Center, Jerusalem, Israel

09:18

Major Bleeding and Hemorrhagic Stroke with Direct Oral Anticoagulants in Patients with Renal Failure Systematic Review and Meta-analysis of Randomized Trials
Bruria Raccah1,2, Amichai Perlman1,3, Haim Danenberg2, Arthur Pollak2, Mordechai Muszkat4, Ilan Matok1
1Division of Clinical Pharmacy, School of Pharmacy, Faculty of Medicine, Hebrew University of Jerusalem, 2Department of cardiology, Hadassah University Hospital, 3Department of Medicine, Hadassah University Hospital, 4Department of Medicine, Division of Clinical Pharmacology, Hadassah University Hospital, Jerusalem, Israel

09:30

Anticoagulation Therapy in Patients with Atrial Fibrillation in Ambulatory Consultant Cardiology Clinics after Availability of New Oral Anticoagulants
Dante Antonelli, Yuri Rivkin, Nahum Adam Freedberg, Ofir Koren, Yoav Turgeman
Cardiology, Ha Emek Medical Center, Afula, Israel

09:42

Statin Therapy: Diabetes Risk and Cardiovascular Benefit per Euro-SCORE risk
Avi Porath1, Jonathan Eli Arbelle2, Naama Fund3, Assaf Cohen3, Morris Mosseri4
1Office of Chief Physician, Health Service Research department, Tel Aviv, 2Southern Region, Maccabi Health Services, Beer Sheva, 3Health Service Research department, Maccabi Health Services, Tel Aviv, 4Cardiology Division, Meir Medical Center, Kfar-Saba, Israel

10:00-10:30 Coffee Break, Exhibition & E-posters Visit

10:30-12:30 Plenary III – 2nd Ceremony
Chairs: Michael Glikson, Ronen Rubinshtein, Israel Heart Society
Gil Bolotin, Erez Kachel, Israel Society of Cardio Thoracic Surgery, Hall ABC

10:30

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

11:10 -12:30

Joint Session: American College of Cardiology (ACC) – Israel Heart Society (IHS)
Chairs: Richard Chazal, American College of Cardiology (ACC)
Yoseph Rozenman, IHS Past Immediate President & Governor of the Israeli ACC Chapter

11:10

The Use of Chest Pain Centers to Improve Patient Care, As well as Guidelines Adherence and System Efficiency
11:30

Stem Cell Research in Cardiology
Lior Gepstein
Israel

11:50

Challenges Facing a Female Cardiologist
Cindy L. Grines
Vice President Academic and Clinical Affairs
DMC Heart Hospital, Detroit, MI, USA

12:10

Heart Failure: Current Therapies and New Horizons
Mary N. Walsh
President Elect, American College of Cardiology
Medical Director, Heart Failure and Cardiac Transplantation
St Vincent Heart Center of Indiana, USA

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

12:30-14:30 Lunch Session - Sponsored By Pfizer, Hall H

From Rcts and Rwd to Your Own Practical Choices
Chairperson: Michael Glikson, President Israel Heart Society, Eli Lev, Israel

13:00-13:12 - NOACs Efficacy in Unique Population
Shlomi Matetzky, Israel

13:12-13:24 - HOT Bleeding Issues
Raphael Rosso, Israel

13:24-13:36 - Stretching the Limits of NOACs Management
Eli Lev, Israel

13:36-14:00 - Imagination, Creativity and Adaptive Decisions as Principle-Mechanisms of the Human Brain
Eilon Vaadia, The Edmond and Lily Safra Center for Brain Sciences (Director)
The Jack H. Skirball Chair & Fund in Brain Research
Department of Medical Neurobiology, IMRIC, Faculty of Medicine
12:30-14:30 Lunch Session - Sponsored By Novartis, Hall I

EnTRESTo – Redefine Heart Failure Treatment

Chairman: Prof. Offer Amir,
Director of the cardio-vascular department, Poriya Medical Center, Israel

12:30-12:50 Lunch
12:50-13:05 Entresto- Difficult Questions, Easy Answers
13:05-14:20 Case Studies and Interactive Panel Discussion

Please note: the lunch session will be held in Hebrew

12:30-14:30 Lunch Session - Sponsored By Bayer, Hall J

Xarelto - Confidence from Evidence and Real World Experience Adempas - From PE to CTEPH

13:00 – 13:30: Xarelto – Real World Data
Fausto J. Pinto,
President,
European Society of Cardiology,
Lisbon University Medical School, Lisbon, Portugal

13:30 – 14:00: Adempas for Chronic Thromboembolic Pulmonary Hypertension
David Langleben,
Director, Center for Pulmonary Vascular Disease,
Division of Cardiology, Jewish General Hospital,
Professor of Medicine, McGill University, Montreal, Canada

14:30-16:00 Plenary IV – Joint Session: American Heart Association (AHA) – Israel Heart Society (IHS)
Chairs: Mark Creager, USA, Ronen Rubinshtein, Israel, Gil Bolotin, Israel, Hall ABC

14:30

The Crisis of Diabetes and Cardiovascular Disease: Strategies to Improve Cardiovascular Outcomes
Mark A. Creager
President, American Heart Association
Director of Vascular Medicine, Brigham and Women’s Hospital, Boston, MA, USA
14:50

Israeli Innovations in Cardiovascular Medicine: The "Start Up" Nation Ecosystem
Ran Kornowski
Israel

15:10

Assessing the Mitral Valve: Value of 3D Imaging
Roberto M. Lang
Past President of the American Society of Echocardiography
Director Noninvasive Cardiac Imaging Laboratories Section of Cardiology Department of Medicine University of Chicago Medical Center, Chicago, IL, USA

15:30

Percutaneous Versus Conventional Aortic and Mitral Valve Interventions: State of the Art, Future Directions and the Role of the Surgeon
Michael Reardon
Allison Family Distinguished Chair of Cardiovascular Research
Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

16:00-16:30 Coffee Break, Exhibition & E-posters Visit

16:30-18:00 Joint Session: The Israel Interventional Cardiology Working Group and the Israel Society of Cardiothoracic Surgery, Hall A
Chairs: Gideon Sahar, Abid Assali, Israel

16:30

Heart Team at Soroka University Medical Center: From Concept to Practice
Yaron Ishay¹, Lior Raichel¹, Oren Lev-Ran¹, Menachem Matsa¹, Avshalom Cohen², Carlos Cafri², Doron Zagher², Gideon Sahar¹
¹The Department of Cardiothoracic Surgery, ²The Department of Cardiology, Soroka University Medical Center, Beer-Sheva, Israel

16:42

Surgical Results of the First Pre-designed "Heart Team" in Israel: One-Year Follow-up
Offer Amir¹, Erez Kachel¹, Abbed-al-Wahab Darawshe,¹, Marwan Armaly¹, Roman Altshuler¹, Eyal Nachum², Amgad Shalabi², Leonid Sternik², Alexander Lipey², Diab Sammer¹, Alexander Kogan², Diab Ghanim¹, Fabio Kuzniec¹, Shemy Carasso¹, David Meekin¹, Ehud Raanan²
¹Cardio-Vascular Division, Poriya Medical Center & Faculty of Medicine, Bar-Ilan University, Tiberias, ²Cardiothoracic Surgery Department, Chaim Sheba Medical Center, Tel Hashomer & Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel

16:54

Are Two Internal Thoracic Grafts Better Than One? Analysis of 4247 Cases between 1996-2010
Zahi Aizer², Rephael Mohr¹,², Dmitry Pevni¹,², Amir Kramer¹,², Nachum Nesher¹,², Yossi Paz¹,², Benjamin Medalion¹,², Yani Ben-Gal¹,²
¹Department of Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center, ²Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

17:06
Long Term Percutaneous Coronary Interventions Outcomes in Cancer Survivors

Uri Landes, Tamir Bental, Abid Assali, Hana Vaknin-Assa, Eli Lev, Ran Kornowski, Zaza Iakobishvili
Cardiology, Rabin Medical Center, Petah-tikva, Israel

17:18

Long term Outcome of Revascularization with Composite T Grafts: is Bilateral Mammary Grafting Better than Single Mammary and Radial Artery?

Nadav Teich¹, Pevni Dmitry¹, Yanai Ben-Gal¹, Rephael Mohr¹, Yosef Paz¹, Amir Kramer¹, Nahum Nesher¹, Benjamin Medalion²
¹Department of Cardiovascular Surgery, Sourasky Medical Center, Tel Aviv, ²Department of Cardiovascular Surgery, Belinson, Petach Tikva, Israel

17:30

Incidence and Outcomes of ST Elevation Myocardial Infarction Caused by Stent Thrombosis in Comparison to De-novo Thrombosis

Amos Levi, Ran Kornowski, Hana Vaknin-Assa, Gabriel Greenberg, Abid Assali, Eli Lev
Cardiology, Rabin Medical Center, Israel

17:42

One or Two Internal Thoracic Grafts? Long-term Follow-up of 1043 Off Pump Coronary Bypass Surgeries

Cardiothoracic Surgery, Tel Aviv Sourasky Medical Center and Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

16:30-18:00 Echocardiography: General, Hall B
Chairs: Noah-Liel Cohen, Zvi Vered, Israel

16:30

Echocardiography in Patients with Pulmonary Embolism at Baseline and 1 Year Follow-up: Insights from the Evaluation of Long-term Outcomes after Pulmonary Emboli (ELOPE) Study

Avi Shimony¹,², Lawrence Rudski², Andrew Hirsch², Margaret Beddaoui³, Arash Akaberi³, David Anderson⁴, Philip S Wells⁵, Marc Rodger⁶, Susan Solymoss⁷, Michael Kovacs⁸, Carole Dennie⁹, Chris Rush¹⁰, William H Geerts¹¹, Dr Paul Aaron¹², J. T. Granston¹², Susan Kahn¹³
¹Cardiology, Ben Gurion University, Soroka Medical Center, Israel, ²Medicine, Jewish General Hospital, ³Center for Clinical Epidemiology, Lady Davis Institute, Montreal, QC, ⁴Medicine, Dalhousie University, Halifax, NS, ⁵Medicine, The University of Ottawa, Ottawa, ON, ⁶Hematology, The University of Ottawa, Ottawa, ON, ⁷Medicine, McGill University, Montreal, QC, ⁸Medicine, Hematology, University of Western Ontario, London, ON, ⁹Diagnostic Imaging, The University of Ottawa, Ottawa, ON, ¹⁰Nuclear Medicine, Jewish General Hospital, Montreal, QC, ¹¹Medicine, Sunnybrook Health Sciences Centre, Toronto, ON, ¹²Medicine, University of Toronto, Toronto, ON, ¹³Center for Clinical Epidemiology, McGill University, Jewish General Hospital, Montreal, QC, Canada

16:42

Serial Echocardiographic Assessment of Left Ventricular Filling Pressure and Remodeling among ST Elevation Myocardial Infarction Patients Treated by Primary Percutaneous Intervention

Yacov Shacham, Arie Steinvil, Yaron Arbel, Yan Topilsky, Shafik Khoury, Ben Sade, Gad Keren
Cardiology, Tel Aviv Sourasky Medical Center, Israel
16:54

A Wireless Frequency Domain Beamforming Based Ultrasound Imaging
Shai Tejman Yarden¹, Tanya Chernyakova², Regev Cohen², Yonina Eldar²
¹Pediatric Cardiology, Sheba Medical Center, Ramat Gan, ²The department of Electrical Engineering, The Technion, Israel Institute of Technology, Haifa, Israel

17:06

Clinical and Echocardiographic Characteristics of Patients in Sinus Rhythm, Normal Left Ventricular Function and Indeterminate Diastolic Function
Matan Shimron¹, Yevgeni Hazanov², Nabeel Salman², Diab Ghanim², Wadia Kinany², Offer Amir¹,², Shemy Carasso¹,²
¹Galilee School of Medicine, Bar-Ilan University, Zefat, ²Cardiovascular institute, B Padeh Medical Center, Poriya, Israel

17:18

A Pilot Study of the Feasibility and Efficacy of Teaching Cardiac Ultrasound to Large Groups of Medical Students
Sergio Kobal¹, Yotam Lior³, Alon Ben-Sasson³, Noah Liel-Cohen¹, Lior Fuchs²
¹Cardiology Department, ²Department of Medical Intensive Care, ³Clinical Research Center, Soroka University Medical Center, Beer-Sheva, Israel

17:30

Limited Accuracy of Myocardial Deformation Imaging in Diagnosing Left Ventricular Segmental Dysfunction: is it Only a Limitation of the 2D Strain Software?
Amnon Eitan¹, Izhak Kehat¹,², Diab Mutlak¹,², Yoram Agmon¹,²
¹Cardiology, Rambam Medical Center, ²Faculty of Medicine, Technion, Haifa, Israel

17:42

Speckle Tracking Imaging Parameters in non-Ischemic Stress Echocardiography
Marina Leitman¹,², Vladimir Tyomkin¹, Eli Peleg¹,², Izhak Zissman, Izhak Zissman¹, Simha Rosenblatt¹, Edgar Sucher¹, Vered Gercenshtein¹, Zvi Vered¹,²
¹Department of Cardiology, Assaf Harofeh Medical Center, ²Sackler School of Medicine, Tel Aviv University, Israel

16:30-18:00 Pearls in Clinical EP, Hall C
Chairs: Avishag Laish-Farkash, Nahum Freedberg, Israel

16:30

Study of the Wearable Cardioverter Defibrillator in Advanced Heart-Failure Patients (SWIFT)
Alon Barsheshet¹,², Valentina Kutyifa³, Theodora Vamvouris¹, Arthur J Moss², Yitschak Biton², Leway Chen², Eugene Storozynsky², Chingping Wan³, Steve Szymkiewicz³, Ilan Goldenberg²,⁴
¹Cardiology, Rabin Medical Center, Petah Tikva, Israel, ²Cardiology, University of Rochester Medical Center, Rochester, NY, ³Zoll, company, Pittsburgh, PA, USA, ⁴Cardology, Sheba Medical Center, Ramat Gan, Israel

16:42

Potent Inhibition of hERG Channels in a Mammalian Cell Line by the Anti-Diarrheal Agent Loperamide
Incidence of Arrhythmia Induced Cardiomyopathy and Predictors for Recovery

Moshe Katz\textsuperscript{1}, Eyal Nof\textsuperscript{1}, Amit Meitus\textsuperscript{2}, Avi Sabag\textsuperscript{1}, Younis Orwa\textsuperscript{1}, Ilan Goldenberg\textsuperscript{1}, Robert Klempfner\textsuperscript{1}, Micha Feinberg\textsuperscript{1}, Michael Eldar\textsuperscript{1}, Michael Glikson\textsuperscript{1}, Roy Beinart\textsuperscript{1}
\textsuperscript{1}Cardiology, Sheba Medical Center, \textsuperscript{2}Medicine, Tel-Aviv University, Israel

Survival in Patients with Arrhythmia Induced Cardiomyopathy is Similar to Age and Sex-matched Patients with Paroxysmal Atrial Fibrillation

Moshe Katz\textsuperscript{1}, Eyal Nof\textsuperscript{1}, Amit Meitus\textsuperscript{2}, Avi Sabag\textsuperscript{1}, Younis Orwa\textsuperscript{1}, Ilan Goldenberg\textsuperscript{1}, Robert Klempfner\textsuperscript{1}, Micha Feinberg\textsuperscript{1}, Michael Eldar\textsuperscript{1}, Michael Glikson\textsuperscript{1}, Roy Beinart\textsuperscript{1}
\textsuperscript{1}Cardiology, Sheba Medical Center, \textsuperscript{2}Medicine, Tel-Aviv University, Israel

CHADSVASC Score is Predictive of Mortality in ICD Recipients

Nicholay Teodorovich\textsuperscript{1}, Yonatan Kogan\textsuperscript{1}, Hilel Steiner\textsuperscript{2}, Mahmoud Suleiman\textsuperscript{3}, Ilan Goldenberg\textsuperscript{4}, Moshe Swissa\textsuperscript{1}
\textsuperscript{1}Cardiology, Kaplan Hospital, Rehovot, \textsuperscript{2}Cardiology, Puria Hospital, Tiberias, \textsuperscript{3}Cardiology, Rambam Hospital, Haifa, \textsuperscript{4}Cardiology, Sheba Hospital, Ramat Gan, Israel

Effectiveness and Cost-Efficacy of Syncope Workup in a Dedicated Outpatient Syncope Center

Alexey Naimushin, David Bar-Lev, Igor Lipchenca, Ossi Gurevich, Roy Beinart, Eyal Nof, Michael Eldar, Michael Glikson
Lev Leviev Heart Center, Sheba Medical Center, Israel

Real Life Experience of a Syncope Clinic Based on a Neurological and Cardiological Collaboration Model

Mark Kazatsker\textsuperscript{1}, Sergiu Sabetay\textsuperscript{2}, Maguli Barel\textsuperscript{1}, Avraham Shotan\textsuperscript{1}, Yaron River\textsuperscript{2}
\textsuperscript{1}Department of Cardiology, \textsuperscript{2}Department of Neurology, Hillel Yaffe Medical Center, Hadera, Israel

16:30-18:00 Acute Coronary Syndromes, Hall H
Chairs: Shlomi Matetzky, Doron Aronson, Israel

Adherence with Guidelines for NSTEMI-ACS in the Emergency Department

Harel Gilutz\textsuperscript{1}, Sevatlana Shindel\textsuperscript{2}, Ilana Shoham-Vardi\textsuperscript{2}
\textsuperscript{1}School of Medicine, Faculty of Health Sciences, \textsuperscript{2}Department of public Health, Faculty of Health Sciences., Ben Gurion University of the Negev, Beer Sheva, Israel

ST- Elevation Myocardial Infarction in Patients under 40 Years old-Observational Study of More than a Decade
16:54

Temporal Trends and Outcomes Associated with Atrial Fibrillation Observed during Acute Coronary Syndrome: Real World Data from the Acute Coronary Syndrome Israeli Survey (ACSIS) 2000-2013

Aharon Erez1, Ilan Goldenberg1, Avi Sabbag1, Eyal Nof1, Doron Zahger2, Shaul Atar3, Arthur Pollak3, Idit Dobrecky-Mery3, Roy Beigel1, Shlomi Matetzky1, Michael Glikson1, Roy Beinart1
1Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Ramat Gan, 2Intensive Cardiac Care Unit, Department of Cardiology, Soroka University Medical Center, Be’er-Sheva, 3Cardiology Department, Galilee Medical Center, Nahariya, 4Heart Institute, Hadassah-Hebrew University Medical Center, Jerusalem, 5Department of Cardiology, Bnai Zion Medical Center, and the Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Israel

17:06

Cha2ds2-vasc Score and Clinical Outcomes of Patients with Acute Coronary Syndrome

Zach Rozenbaum1, Avishay Elis2,3, Meital Shlezinger4, Ilan Goldenberg3,4, Avi Leader5, Morris Mosseri3,6, David Pereg3,6
1Department of Internal Medicine D, Sourasky Medical Center, Tel Aviv, 2Department of Medicine, Beilinson Hospital, Rabin Medical Center, Petach-Tikva, 3Sackler Faculty of Medicine, Tel-Aviv University, Tel Aviv, 4Department of Cardiology, Sheba Medical Center, Tel Hashomer, Tel Hashomer, 5Department of Internal Medicine A, Meir Medical Center, 6Department of Cardiology, Meir Medical Center, Kfar Saba, Israel

17:18

Prognostic Implications of Fluid Balance in ST Elevation Myocardial Infarction Patients Complicated by Cardiogenic Shock

Yacov Shacham, Ronen Mass, Ben Sade, Shafik Khoury, Gad Keren, Yaron Arbel
Cardiology, Tel Aviv Sourasky Medical Center, Israel

17:30

Association between Admission Hyperglycemia and Left Ventricular Function in ST-Segment Elevation Myocardial Infarction Patients undergoing Primary Coronary Intervention

Nir Flint, Yan Topilsky, Arie Steinvil, Gad Keren, Arie Roth, Yacov Shacham
Department of Cardiology, Tel-Aviv Sourasky Medical Center affiliated to the Sackler Faculty of Medicine, Tel-Aviv University, Tel Aviv, Israel

17:42

Clinical Value of Serum Procalcitonin in Diagnosis of Infection in Patients with Acute Myocardial Infarction

Itzhak Vitkon Barkay1, Zipora Lazarovich4, Dror Marchaim2,3, Oran Tzuman1, Chana Richter3, Zvi Vered1,2, Sa’ar Minha1,3
1Cardiology, 2Infectious Diseases Control Unit, Assaf-Harofeh Medical Center, Be’er Ya’akov, 3Sackler School of Medicine, Tel-Aviv University, Ramat-Aviv, 4Microbiological laboratory, Assaf-Harofeh Medical Center, Be’er Ya’akov, Israel
16:30

Colony Forming Unites - Endothelial Progenitor Cells (CFU-EPCs) – A Surrogate Marker for Diabetic Retinopathy and High Cardiovascular Mortality Rate

Arnon Blum, Dorina Socea, Nina Pastukh, Avi Peretz, Hanin Jabaly

Medicine, Baruch Padeh Poria Medical Center Faculty of Medicine Bar Ilan University, Tiberias, Israel

16:42

Cytoplasmic Histone Dacetylase 4 Promotes Vascular Calcification

Alon Abend¹, Omer Shkedi¹, Michal Fertouk¹,², Lilac Caspi¹, Izhak Kehat¹,²

¹The Rappaport Institute and the Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, ²Department of Cardiac Surgery, Rambam Medical Center, ³Department of Cardiology and the Clinical Research, Rambam Medical Center, Haifa, Israel

16:54

Sustained Elevation of Vascular Endothelial Growth Factor Levels Following Transcatheter Aortic Valve Replacement

Jeremy Ben-Shoshan¹,², Arie Steinvit¹,², Yaron Arbel¹,², Yan Topilsky¹,², Leehee Barak¹,², Michal Entin-Meer¹,², Ran Levy¹,², Arie Schwartz¹,², Gad Keren¹,², Ariel Finkelstein¹,², Shmuel Banai¹,²

¹Cardiology, Tel Aviv Soursky Medical Center, Tel-Aviv, ²Sackler School of Medicine, Tel-Aviv University, Israel

17:06

The Association between Peripheral Blood Levels of B-regulatory Lymphocytes and Clinically Unstable Coronary Artery Disease

Igor Volodarsky, Sara Shimoni, Daniel Hoberman, Yakov Fabrikant, Adi Zalik, Jacob George

The Heart Institute, Kaplan Medical Center, Rehovot, Israel

17:18

Cross-bridge Dynamics is Determined by Two Velocity Dependent Kinetics; Implications on the Adaptive and Synchronous Cardiac Function

Daria Amiad Pavlov¹, Michal Horowitz², Amir Landesberg¹

¹Faculty of Biomedical Engineering, Technion IIT, Haifa, ²Faculty of Medicine, Hebrew University, Jerusalem, Israel

17:30

The Effect of Vitamin D on Endothelial Progenitor Cells Function in Healthy Subjects and Patients with Diabetes Mellitus

Yoav Hammer¹,², Alisa Sudri², Yeela Talmor¹,², Dorit Leshem-Lev¹,², Ran Kornowski¹,², Eli Lev¹,²

¹Cardiology division, Rabin Medical Center-Beilinson Campus, ²Felsenstein Medical Research Center, Rabin Medical Center-Beilinson Campus, Israel

17:42

The Ubiquitin Proteasome System as a Potential Target for Reverse Cardiac Remodeling in LVAD Patients

Yaron D. Barac¹, F. Emrich², E. Krutzwald¹, S. Steinbach², K. Kellermann², M.-T. Dieterlen², J. Garbade², S. Lehmann², V. Rubchevskiy¹, A. Ciechanover¹, F.-W. Mohr², D. Aravot¹

¹Cardiothoracic Department, Rabin Medical Center, Petach-Tikva, Israel, ²Department of Cardiac Surgery, Heart Center Leipzig University, Leipzig, Germany
16:30

**Women in Cardiology in the 21st Century**
Cindy L. Grines  
Vice President Academic and Clinical Affairs  
DMC Heart Hospital, Detroit, MI, USA

16:45

**Women's Career in Cardiovascular Research**
Eloisa Arbustini  
Director, Center for Inherited Cardiovascular Diseases  
Foundation I.R.C.C.S. Policlinico San Matteo, Pavia, Italy

17:00

**Among Heart Failure Patients Women Fare Better than Men**
Avishay Grupper, Ofra Kalter-Leibovici, Havi Murad, Michal Benderly, Laurence Freedman, Arnona Ziv, Nurit Friedman, Galit Kaufman, Haim Silver, Dov Freimark  
1Leviev Heart Center, Sheba Medical Center, Tel Hashomer, 2Epidemiology & Health Policy Research, The Gertner Institute, Ramat Gan, 3Maccabi Health Services, Maccabi Health Services, Tel Aviv, Israel

17:12

**Cardiogenic Shock Complicating Acute Myocardial Infarction: are there any Gender Differences?**
Gabriel Greenberg, Ran Kornowski, Hanna Vaknin-Assa, Tamir Bental, Eli I. Lev, Abid Assali  
Institute of Cardiology, Rabin Medical Center, Petach-Tikva, Israel

17:24

**Spontaneous Coronary Artery Dissection in Young Women Presenting with Acute Coronary Syndrome: Insights from the GENESIS-PRAXY Study**
Avi Shimony, Hatim Al Lawati, Akshay Bagai, Hassan Behlouli, Mark Eisenberg, Derek So, Igor Karp, Louise Pilote, Asim N. Cheema, GENESIS PRAXY TEAM  
1Cardiology, Jewish General Hospital, Montreal, QC, Canada, 2Cardiology, Ben Gurion University, Soroka Medical Center, Beer-Sheva, Israel, 3Cardiology, St. Michael's Hospital, Toronto, ON, 4Ottawa Heart Institute, Ottawa Heart Institute, Ottawa, ON, 5Clinical Epidemiology, McGill University Health Center, Montreal, QC, Canada

17:36

**Endothelial Function Tests Among Women Referred for the Heart Clinic: A Glance to Women’s Specific Risk Factors**
Avital Porter, Zaza Iakobishvilli, Ilana Gezel, Ran Kornowski  
The Women's Heart Clinic and The Department of Cardiology, Rabin Medical Center, Petah Tiqva, Israel
16:30-18:00 Epidemiology and Prevention II, Hall 4
Chairs: Chaim Yosefy, David Rott, Israel

16:30

Anthropometric Assessment of Neck Adipose Tissue Volume and its Association with Cardiovascular Risk
Ilya Litovchik¹, Hillel S Maresky², Sigal Tal², Noam Grysman³, Victoria Rum¹, Zvi Vered¹,³, Sa’ar Minha¹,³
¹Department of Cardiology, ²Department of Radiology, Assaf-Harofeh Medical Center, Zerifin, ³Sackler School of Medicine, Tel Aviv University, Ramat-Aviv, Israel

16:42

CHADS-VASC Score and the Risk of New Onset Atrial Fibrillation among Middle Age Adults
Anat Berkovitch¹,², Avi Sabbag², Shlomo Segev³, Shaye Kivity⁴, Yechezkel Sidi⁴, Ilan Goldenberg², Elad Maor²,³,⁵
¹Department of Internal Medicine D, ²Leviev Heart Center, ³Institute for Medical Screening, ⁴Department of Internal Medicine C, ⁵Pinchas Borenstein Talpiot Medical Leadership Program, the Chaim Sheba Medical Center, Tel Hashomer, Israel

16:54

Impact of the Presence and Treatment Status of Diabetes on Long-term Mortality Following Coronary Angiography
Barak Zafrir, Ronen Jaffe, Johnny Shahla, Jacob Goldstein, Nader Khader, Nissan Yaniv, Basheer Karkabi, Ronen Rubinstein, Amnon Merdler, Moshe Y Flugelman, David A Halon
Cardiovascular Division, Lady Davis Carmel Medical Center, Haifa, Israel

17:06

The Predictive Value of Zerum Lipids and Glucose in New Onset Hypertension in Middle Aged Healthy Adults
Maias Abd Alraheem, Yehezkel Sidi, Elad Maor, Shlomo Segev
Internal Medicine C, Haim Sheba Medical Center, Ramat- Gan, Israel

17:18

Long-term Exposure to Traffic-related Air Pollution and Cancer Risk among Survivors of Myocardial Infarction: a 20-year Follow-up Study
Gali Cohen¹, Ilan Levy², David M. Broday², Jeremy D. Kark³, Noam Levin⁴, Yuval⁵, David M. Steinberg³, Yariv Gerber¹
¹Dept. of Epidemiology and Preventive Medicine, School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, ²Technion Center of Excellence in Exposure Science and Environmental Health, Technion Israel Institute of Technology, Haifa, ³Epidemiology Unit, Braun School of Public Health and Community Medicine, Hebrew University and Hadassah Medical Organization, Jerusalem, ⁴Dept. of Geography, Hebrew University of Jerusalem, Jerusalem, Israel ⁵Dept. of Statistics and Operations Research, School of Mathematical Sciences, Raymond and Beverly Sackler Faculty of Exact Sciences, Tel Aviv University, Tel Aviv, Israel

17:30

Arab and non-Arab Coronary Artery Disease Patients: Comparing Risk Factors; the Smoking Mirrors of Ethnicity
Fabio Kusniec¹, Offer Amir¹,², Diab Ghanim¹,², Abbed-al-Wahab Darawshe¹, Dahud Qarawani¹,², David Meerkim¹, Nabeel Salman¹, Khaled Taha¹, Shemy Carasso¹,²
¹Cardiovascular institute, B Padeh Medical Center, Poriya, ²Galilee School of Medicine, Bar-Ilan
The Influence of a Normal Myocardial Perfusion SPECT on Prescription of Preventive Cardiovascular Medications and Patients’ Adherence

Aryeh Shalev, Noga Michnovsky, Arik Wolak, Victor Novack, Ronen Toledano, Yaakov Henkin

1 Cardiology Department, Soroka University Medical Center, 2 Faculty of Health Sciences, The Joyce & Irving Goldman Medical School, Ben Gurion University of The Negev, Be’er Sheva, 3 Cardiac Imaging Unit, Cardiology Department, Sha’are Zedek Medical Center, Jerusalem, 4 Clinical Research Center, Soroka University Medical Center, Ben Gurion University of The Negev, Be’er Sheva, Israel
EP1 - Interventional Cardiology

1

STEMI Due to Stent Thrombosis and Pain to Door Time: A Beneficial Association
Avshalom Cohen¹, Yigal Plakht², Harel Gilutz¹, Doron Zahger¹, Carlos Cafri¹
¹Cardiology, ²Faculty Of Health Science Ben-Gurion University, Soroka University Medical Center, Beer-Sheeva, Israel.

2

The Influence of Demographic Factors on the Pain to Door Time in ST Elevation Myocardial Infarction
Avshalom Cohen¹, Yigal Plakht², Harel Gilutz¹, Doron Zahger¹, Carlos Cafri¹
¹Cardiology, ²Faculty Of Health Science Ben-Gurion University, Soroka University Medical Center, Beer-Sheeva, Israel.

3

Comparison of Imaging Techniques to Assess Appendage Anatomy and Measurements of Left Atrial Appendage
Ehud Chorin¹, Yuval Levy¹, Sebastiano Gili², Matteo Anselmino², Martin Swaans³, Galit Aviram⁴, Dov Wexler¹, Simon Biner¹, Amir Halkin¹, Sami Viskin¹, Raphael Rosso¹
¹Cardiology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel, ²Life Sciences, Università degli Studi di Torino, Italy, ³Cardiology, St. Antonius Hospital, Nieuwegein, Netherlands, ⁴Radiology, Tel Aviv Sourasky Medical Center, Israel.

4

Long balloon, Long Shaft for SFA Intervention Using Trans Radial Approach
Yoav Turgeman, Doron Sudarsky, Menachem Nahir, Alexander Feldman
Heart Institute, HaEmek Medical Center, Rappaport School of Medicine, Afula, Israel.

5

Long-term Follow-up of Patients with an Initially Normal Coronary Angiogram or Minimal Atherosclerosis at Baseline
Joerg Carlsson¹, Antonia Breyne¹, Lars Brudin², Bo Lagerqvist³
¹Dept. of Cardiology, ²Dept. of Clinical Physiology, Kalmar County Hospital, ³National Registry Research, Uppsala Clinical Research Center, Sweden.

6

Safety and Efficacy of Drug-eluting Stents in Bifurcation Lesions in Patients with Acute Myocardial Infarction
Gabriel Greenberg, Ran Kornowski, Hanna Vaknin-Assa, Tamir Benton, Eli I. Lev, Abid Assali
Department of Cardiology, Rabin Medical Center, Petach-Tikva, Israel.

7

Transcatheter Aortic Valve Implantation: Clinical Results and Long-term Outcome
Uri Landes¹, Abid Assali¹, Hanna Vaknin-Assa¹, Katia Orvin¹, Amos Levi¹, Ram Sharoni², Yaron Shapira¹, Tamir Benton¹, Gabriel Greenberg¹, Ashraf Hamdan¹, Ariel Gutstein¹, Alexander Sagie¹,
Ran Kornowski

1Department of Cardiology, 2Department of Cardiac Surgery, Rabin Medical Center, Tel Aviv, Israel

8

Early Clinical Experience with the InSeal Vascular Closure Device

Ran Kornowski, Katia Orvin, Hana Vaknin-Assa, Abid Assali

Interventional Cardiology, Rabin Medical Center, Petach Tikva, Israel

9

Renal Artery Denervation for Resistant Hypertension, Including Patients with Chronic Kidney Disease: A Long-term Follow-up

Diab Ghanim, Tamer Sobeh

Cardiology, Baroch Padeh Medical Center, Poriya, Israel

10

Treatment of Non-compressible Pelvic Bleeding with Endovascular Aortic Balloon Occlusion in the Pre-hospital Setting: the Next Frontier in Combat Potentially Preventable Death

David Planer, Matan Golan, Yaacov Samet

Heart Institute, Hadassah Medical Center, Jerusalem, N/A, Israel

11

Reduction of Radiation Hazard in the Catheterization Laboratory

Nemer Samniah, Hatem Omari, Alla Lubovich, Ehod Goldhammer, Uri Rosenschein

1Faculty of Medicine, Technion, 2Cardiology, Bnai-Zion Medical Center, Haifa, Israel

12

Early Results of Acute Stroke Intervention Undertaken by Invasive Cardiologists Vs Neuro-Interventionalists

Yoav Turgeman, Menachem Nahir, Ehud Rozner, Doron Sudarsky

Heart Institute, HaEmek Medical Center, Rappaport School of Medicine, Afula, Israel

13

Prognostic Role of Neutrophil / Lymphocyte Ratio after Transfemoral Aortic Valve Implantation

Ehud Chorin, Ariel Finkelstein, Shmuel Banai, Amir Halkin, Itzhak Herz, Yigal Abramowitz, Yacov Shacham, Jeremy Ben-Shoshan, Gad Keren, Yaron Arbel

Cardiology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

14

Pre-counselling and Quality Assurance for Cardiac Catheterization – Experience of Maccabi Healthcare Services

Yitzhak Abend, Yitzhak Katzir, Abraham Caspi, Oded Ayzenberg

Mediacal Division, Maccabi Healthcare Services, Israel

15

Acute Kidney Injury after Primary Angioplasty: Is Contrast Induced Nephropathy the Culprit?

Oren Caspi, Manhal Habib, Jennifer Le’or Fathy, Arthur Kerner, Ariel Roguin, Eitan Abergel, Monther Boulos, Robert Dragu, Michael R. Kapeliovich, Rafael Beyar, Eugenia
The Impact of Radial Access in the Reduction of Bleeding in Patients with Acute Coronary Syndrome: Comparison between Two Israeli Surveys

Gabby Elbaz-Greener,1,4 Eran Kalmanovich,1,4 Roy Beigel,2,4 Zaza Iakobishvili,3,4 Meital Shlezinger,2 Nir Shlomo, Ilan Goldenberg,2,4 Zvi Vered1,4 Alex Blatt,1,4
1Department of Cardiology, Assaf Harofeh Medical Center, Zerifin, 2The Heart Center, Chaim Sheba Medical Center, Tel HaShomer, 3The Heart Institute, Rabin Medical Center, Petach-Tikva, 4Sackler School of Medicine, Tel Aviv University, Israel

Transcatheter Aortic Valve Implantation in Patients with Previous Malignancy

Anat Berkovitch,1,2,5 Victor Guetta,1,5 Israel Barbash,1,5 Noam Fink,1,5 Ehud Regev,1,5 Elad Maor1,3,5, Rafael Kuperstein,1,5 Ehud Raanani,4,5 Amjad Shalabi,4,5 Shlomo Matetzky1,5, Dan Elian1,5, Micha Feinberg,1,5, Elad Asher,1,5 Amit Segev,1,5, Paul Fefer1,5
1Leviev Heart Center, 2Department of Internal Medicine D, 3Pinchas Borenstein Talpiot Medical Leadership Program, 4Cardiac Surgery, Sheba Medical Center, 5Sackler School of Medicine, Tel-Aviv University, Israel

The Effects of Hyperlipidemia and Lipid Levels on Coronary Flow, Microcirculation and Left Ventricular Systolic Function in Patients with Acute STEMI Undergoing Primary Coronary Intervention

Dawod Sharif1,2, Ziad Arow2, Amal Sharif-Rasslan3, Yasmin Sharif2, Uri Rosenschein1,2
1Cardiology, Bnai Zion Medical Center, Haifa, Israel
2Medicine, Technion Israel Institute of Technology, 3Scince and Technology, Technion Israel Institute of Technology, Haifa, Israel

Clinical Triggering of ST-segment Elevation Myocardial Infarction: Correlation with Coronary Artery Disease Extent

Jeremy Ben-Shoshan1, Yafit Segman-Rosenstveig2, Yaron Arbel1, Ehud Chorin1, Michael Barkagan1, Zach Rozenboim3, Yoav Granot3, Ariel Finkelstein1, Shmuel Banai1, Gad Keren1, Yacov Shacham1
1Cardiology, 2Internal Medicine F, 3Internal Medicine D, Tel-Aviv Medical Center, Israel

Gender Differences of CT Measurements in Patients Undergoing Transcatheter Aortic Valve Implantation: Influence on Long-Term Clinical Outcomes

Ella Shaviv1, Israel Barbash1, Victor Guetta1, Ehud Schwammenthal1, Amit Segev1, Paul Fefer1, Orly Goitein3, Eli Konen3, Ashraf Hamdan2
1Department of Cardiology, Sheba Medical Center, 2Department of Cardiology, Rabin Medical Center, 3Diagnostic Imaging, Sheba Medical Center, Israel
Transcatheter Aortic Valve Implantation in Patients with Large Annulus
Anat Berkovitch,1,3 Paul Fefer,1,3 Israel Barbash,1,3 Noam Fink,1,3 Ehud Regev,1,3 Elad Asher,1,3 Sagit Ben-Zekry,1,3 Shlomo Matetzky,1,3 Dan Elian,1,3 Orly Goitein,2,3 Yafim Brodov,1,2,3 Micha Feinberg,1,3 Victor Guetta,1,3, Amit Segev,1,3
1Leviev Heart Center, 2Diagnostic Imaging, Sheba Medical Center, 3Sackler School of Medicine, Tel-Aviv University, Israel

EP2 - Myocardial & Pericardial Diseases / Heart Failure

22

Acute Myocarditis, a Single Center Experience
Mahmoud Hammoud, Idit Dobrecky Mery, Dobrecky Mery Idit, Uri Rosenschein
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Blind Date without GRACE
Incidence of Pressure Ulcers due to Tube Fixation in Mechanically Ventilated Patients in Intensive Care Unit

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Characteristics and Long-Term Prognosis of Holocaust Survivors Presenting with Acute Myocardial Infarction

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What can we Learn from Comparing Genetic from Non Genetic Hyperlipidemia?

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Cardiovascular Disease Knowledge, Physician Communication and Health Information Sources in Ultra-orthodox Hasidic Jewish Women

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Acute Coronary Syndromes in patients with Non Alcoholic Fatty Liver Disease

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Prevalence and Influence of Atrial Fibrillation on Short-term Outcomes of Nonagenarians Undergoing Surgical Intervention for Hip Fractures

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Survival Rate from Out of Hospital Cardiac Arrest in Patients Admitted into Intensive Coronary Care Unit
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Low levels of High Density Lipoprotein (HDL) and Corneal Opacity Caused by Lecithin-Cholesterol Acyltransferase (LCAT) Deficiency
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Do Patients Participating in Multi-Center Cardiovascular Randomized Controlled Trials Gain Additional Clinical Benefit Independent of Study Result or Trial Arm Allocation?
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History of Abuse in Women Referred to the Women`s Heart Clinic- Not so Rare
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Gender Effect in the Efficacy and safety of Direct Oral Anticoagulants (DOACs) - Systematic Review and Meta-Analysis of Randomized Trials
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