

CURRICULUM VITAE

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Faculty: Sackler Faculty of Medicine

Hospital/Dept. Heart Institute, Sheba Medical Center, Tel Hashomer.

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Tel No. (home): 03-699 7128

Date & Place of Birth: 23.01.63 Haifa, Israel
(date) (country)

ZAHAL (Israeli) Military Service: 1988 1994
(enlisted) (discharged)

Marital Status: Married

No. of Children: 3

A. EDUCATION

Period of Study (Dates)	Name of University	Subject	Degree	Date Awarded
1981-1988	Tel Aviv University, Tel Aviv, Israel	Medicine	M.D. (graduated magna cum laude)	1989

Date of receiving Specialization Certificate

1990 Specialization certificate in Aviation Medicine

2001 Specialization certificate in Internal Medicine and Cardiology

Title of Doctoral dissertation:

The significance of pathologic Q-waves after thrombolytic therapy

Names of Supervisor:

Prof. Hanoch Hod – Director, ICCU, Heart Institute, Sheba Medical Center, Tel Hashomer

B. FURTHER STUDIES

1989	Medical Officer Trainig Course, Military School of Medicine, Israel Defence Forces(IDF) (graduated cum laude)
1990	Aviation Medicine, Israel Air Force, (3½ months)
1990	Aviation Accident Medical Investigation, Israel Air Force
1990	Military Rescue Course (Flight Surgeon), Israel Air Force, Rescue Unit
1991	Advanced Trauma Life Support (ATLS), Military School of Medicine, IDF
1992	ATLS Teacher Training Course, Military School of Medicine, IDF
1992-1996	Continuing medical education in cardiology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
1995	Advanced Cardiac Life Support (ACLS) Sheba Medical Center, Tel Hashomer
1996/97	Course on Myocardial Reperfusion – under the auspices of Cleveland Clinic Foundation at the American College of Cardiology Scientific Sessions, USA
1998	Course in Cardiovascular Pathology, UCLA Medical Center (under the Directorship of Dr. Michael Fishbein – Head of Cardiac Pathology), Los Angeles, California, USA
1999	Comprehensive Course on Nuclear Cardiology under the auspices of the American College of Cardiology, Cedars Sinai Medical Center (under the Directorship of Dr. Dan Berman – Head of Radionuclear Cardiology), Los Angeles, California, USA
1999-2000	Course in Biostatistics, UCLA Medical School, Los Angeles, California, USA
2001/2002	Course on Myocardial Reperfusion – under the auspices of Cleveland Clinic Foundation at the American College of Cardiology Scientific Sessions, USA
2003	Update Course in Acute Coronary Syndrome – under the auspices of Georgetown University at the American Heart Association Scientific Sessions, Florida, USA

2003	Update Course in GP IIb/IIIa Antagonists, Swolle, The Netherlands
2003	Workshop on Clinical Training Skills, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
2004	Workshop on Progress in Education – Advancement of clinical tutoring skills, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv.

C 1. CLINICAL EXPERIENCE

1987-88	Internship, Sheba Medical Center affiliated to the Sackler Faculty of Medicine Tel Hashomer, Tel Aviv University, Tel Aviv
1988-1991	Military Physician – Israel Defence Forces
1990-1992	Member of the Specialized Medical Rescue Team of the Israeli Air Force
1991	Senior Medical Physician of “Mivtza Shlomo”
1991-1993	Flight Surgeon, Chief Medical Officer on Airbase – Israel Air Force
1991-1993	Medical Supervisor of the Emergency Medical Services of Ben-Gurion Airport
1993	Clinical experience in heart transplantation, Cardiology Division, Presbyterian Hospital, Pittsburg, USA (2 months)
1993-1996	Residency, Internal Medicine E, Sheba Medical Center, Tel Hashomer, Israel
1996-1998	Fellow in Adult Cardiology, Heart Institute, Sheba Medical Center, Tel Hashomer, Israel
1998	Principal Co-ordinator of ARGAMI Study Registry - Sheba Medical Center, Tel Hashomer, Israel
1998-2000	ICCU, Cardiology Division, Cedars Sinai Medical Center – UCLA, Los Angeles, California, USA: Fellowship in Critical Cardiac Care
1998-2000	Training in Echocardiography (fulfilling American qualifying requirements for echocardiographers - including TEE), Echocardiography Unit, Cardiology Division, Cedars Sinai Medical Center, Los Angeles, California, USA, under the supervision of Prof. R.

	Segal.
2001-2002	Cardiologist, Coordinating Center for the PRINCESS Study (The Israel Society for the Prevention of Heart Attacks)
2001-to date	Specialist – Intensive Cardiac Care Unit, Heart Institute, Sheba Medical Center, Tel Hashomer, Israel
2001-to date	Setting up and coordinating outpatient clinic for premature coronary artery disease and coronary events – Heart Institute, Sheba Medical Center, Tel Hashomer
2002	Principal Coordinator of the Acute Coronary Syndrome Israeli Survey (ACSIS-2002), Tel Hashomer, Israel
2002-2003	Consultant Aviation Cardiologist, Aeromedical Center, Israel Air Force
2002-to date	Cardiology Editor of the Israel Journal of Trauma Emergency Medicine and Critical Medicine
2003-to date	Chief Cardiology Consultant to the Israeli Air Force
2003-to date	Principal Investigator of TIMI 25 (An international multicenter randomized thrombolytic study comparing low molecular weight Heparin versus unfractionated Heparin).
2003–to date	Principal Investigator of SHOCK Trial (A randomized, placebo-controlled, double-blind study of nitric oxide inhibitor in patients with acute myocardial infarction and shock).
2003–to date	Research, development and clinical applications of a new method for platelet activity (aggregation and adhesion) bedside investigation by the Corn and Plate(let) Analyzer (CPA).
2003–to date	Research, development and clinical applications of a new device for therapeutic hypothermia. Principal Investigator of a study in this field at Sheba Medical Center, Tel Hashomer, Israel
2004-2006	Principal Investigator of MERLIN-TIMI 36 (M etabolic E fficiency with R anolazine for L ess I schemia in N on-ST elevation acute coronary syndromes) A randomized, double-blind, parallel-group, placebo-controlled, multinational, clinical trial to evaluate the efficacy and safety of ranolazine versus placebo in patients with non-ST segment elevation acute coronary syndromes.
2006-to date	Principal Investigator of SEPIA-ACS 1/TIMI 42 (A randomized, double-blind, triple-dummy, dose-ranging study, including an active control of unfractionated heparin and eptifibatide, to evaluate the clinical efficacy and safety of otamixaban, in patients with non-ST elevation acute

coronary syndrome and planned early invasive strategy).

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| 2006-to date | Principal Investigator of PRINCIPLE-TIMI 44 (PR asugrel IN comparison to Clopidogrel for I nhibition of PL atelet activation and aggr Egation). |
| 2006-to date | Principal Investigator of CASSIOPEA (C linical study A ssessing SSR 126517E I njections O nce-weekly in P ulmonary E mbolism therapeutic A pproach). |

C2 ACADEMIC AND PROFESSIONAL EXPERIENCE

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| 1993-1995 | IDF Flying School, Israel Defence Forces, Lectures – Human and Aviation Physiology |
| 1994-96 | Nursing School, Sheba Medical Center, Tel Hashomer, Lectures in Clinical Cardiology and ECG |
| 1994-98 | Internal Medicine Dept. E, Sheba Medical Center, Tel Hashomer, 4 th and 6 th grade medical students – ECG courses |
| 1996 | Internal Medicine Dept. E, Sheba Medical Center, Tel Hashomer, 3 rd grade medical students New York State American Program, Tutor in Internal Medicine |
| 1997-1998 | Internal Medicine Dept. C, Sheba Medical Center, Tel Hashomer, 4 th grade medical students – ECG course, 6 th grade medical students – clinical teaching in cardiology |
| 1998-2000 | Atherosclerosis Research Center, Division of Cardiology and Department of Medicine, Ceders Sinai Medical Center (under the supervision of Prof. P.K. Shah and Prof. B. Cercek) and UCLA Medical Center, Department of Cardiovascular Pathology (under the supervision of Prof. M. Fishbein), Los Angeles, USA. Basic Science Research in Vascular Biology (plaque thrombogenicity in Apo E deficient mice and human carotid plaques) |
| 2000-2003 | Heart Institute, Dept. of Medicine, Sheba Medical Center, 4 th and 6 th grade medical students, Tutor – ICCU |
| 2001 | Sackler Faculty of Medicine, Tel Aviv University, Continuing Medical Education Program in Cardiology – Lectures – Acute coronary syndrome |
| 2001–to date | Co-ordinator of the weekly "Cardiovascular Journal Club" meetings of the Heart Institute, Sheba Medical Center, Tel Hashomer together with Cardiac Surgery, Cardiac Rehabilitation and Cardiovascular staff |

	members
2002-2003	Aviation Medicine Course (IDF Physicians) Israel Airforce, Lecture series in Aviation Cardiology and Physiology
2002	Sackler Faculty of Medicine, Tel Aviv University, Continuing Medical Education Program in Cardiology – Lecturer: a) Approach and Treatment of Acute Coronary Syndrome. b) Acute ST-elevation myocardial infarction
2003	Lecture series in Aviation Cardiac and Cardiovascular Physiology – National Aviation of Medicine course – Israel Airforce
2003–to date	Co-ordinator of medical student activities in the Heart Institute, Sheba Medical Center, Tel Hashomer
2003	Tutor of 3 groups of 4 th year Internal Medicine students (3-week course) from the New York American Student Program, Heart Institute, Sheba Medical Center, Tel Hashomer
2003	Co-ordinator and lecturer – course in emergency cardiac care for ICCU nurses – Nursing School, Sheba Medical Center, Tel Hashomer
2003–to date	Co-ordinator of Fellowship Training Program – Heart Institute, Sheba Medical Center, Tel Hashomer
2003	Lecture series on "Approach, treatment and complications of acute myocardial infarction" to 4 th year students, Introduction to Internal Medicine, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
2004	Tutor to 4 th year medical students (3 groups) – clerkship in cardiology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv.
2004	Tutor to 6 th year medical students – (2 groups) Cardiology specialty training, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv.
2005	Tutor to 6 th year medical students – (1 group) Cardiology specialty training, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv.
2005	Excellency in teaching cardiology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
2006	Lecture on "Approach, treatment and complications of acute myocardial infarction" to 4 th year students, Introduction to Internal Medicine, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv
2006	Lecture on "Acute coronary syndrome (including pathophysiology and pharmacology)" to 4 th year students, Introduction to Internal Medicine,

Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv

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| 2006 | Tutor of 4 th year Internal Medicine students (1-week course) from the New York American Student Program, Heart Institute, Sheba Medical Center, Tel Hashomer |
| 2006 | Tutor to 6 th year medical students – (2 groups) Cardiology specialty training, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv. |
| 2006 | Chairperson of Session entitled: Intensive Cardiac Care – Approach to AMI at the Annual Israel Heart Society Meeting, Tel Aviv. |
| 2006
(18 th May) | Examiner of 4 th internal medicine students, Sackler Faculty of Medicine, Tel Aviv University, Internal Medicine Dept. A, Sheba Medical Center, Tel Hashomer. |
| 2006 | Member of the Organizing Committee on Cardiac Intensive Care for the 53 rd Israel Heart Society Meeting, Tel Aviv, Israel, April 2007. |
| 2006 | Member of the Israel Heart Society Recommendations Committee for: 'Aspirin for Primary Prevention of Cardiovascular Disease'. |
| 2007 | Member of the Committee for Cardiology Board Examinations (Israel Heart Society) |

E. ACADEMIC AND PROFESSIONAL AWARDS

(Prizes, Fellowships, Grants, Scholarships, etc.)

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| 1989 | Award for graduating M.D. with distinction |
| 1992 | Distinguished Doctor of the year Israel Defence Forces – from the Head Medical Officer of the Health Corps |
| 1996 | Heart Institute, Sheba Medical Center, Tel Hashomer and Tel Aviv University, Israel
Jacob-Klapholtz Prize for Cardiovascular Research |
| 1998 | Save a Heart Foundation Grant for Fellowship in Critical Cardiac Care, Ceders Sinai Medical Center, Los Angeles, California, USA. |
| 2005 | H. N. Neufeld Award for Excellency in Research |

F. MEMBERSHIP IN PROFESSIONAL SOCIETIES

1995	Israel Heart Society
2001	Working Group on Cardiac Intensive Care
2002	Israel Society of Aviation Medicine
2003	International Society of Thrombosis and Hemostasis
2005	Member of the Working Group on Acute Cardiac Care of the European Society of Cardiology
2007	Member of the Committee for: "Guidelines for Prevention of Infective Endocarditis". (Israel Society of Cardiology & Israel Society of Infectious Diseases)
2008	Member of the Data Monitoring Committee of the "Trial of a Comprehensive Disease Management Program for Heart Failure Patients in the Community".

D. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS

1991	American Heart Association, 64 th Scientific Sessions	Anaheim, California, USA
1991	38 th Israel Heart Society, Annual Scientific Meeting	Tel Aviv, Israel
1992	39 th Israel Heart Society, Annual Scientific Meeting	Tel Aviv, Israel
1993	40 th Israel Heart Society, Annual Scientific Meeting	Tel Aviv, Israel
1994	41 st Israel Heart Society, Annual Scientific Meeting	Tel Aviv, Israel
1995	42 nd Israel Heart Society Annual Scientific Meeting	Tel Aviv, Israel
1996	43 rd Israel Heart Society Annual Scientific Meeting	Tel Aviv, Israel
1997	American College of Cardiology, 46 th Annual Scientific Session	Anaheim, California, USA
1997	44 th Israel Heart Society, Annual Scientific Meeting	Jerusalem, Israel
1997	European Heart Society Meeting	Stockholm, Sweden
1997	2 nd International Meeting on Interventional Cardiology	Jerusalem, Israel

1998	American College of Cardiology, 47 th Annual Scientific Session	Atlanta, Georgia, USA
1998	1 st International Meeting on Intensive Cardiac Care	Jerusalem, Israel
1997	Israel Society for Physiology and Pharmacology	Ma'ale Ha'Chamisha, Israel
1997	Myocardial Reperfusion X: Concepts and Controversies	Anaheim, California, USA
1998	Israel Heart Society, Annual Scientific Meeting	Tel Aviv, Israel
1998	American College of Cardiology, 47 th Annual Scientific Sessions	Atlanta, Georgia, USA
1999	American Heart Association, 72 nd Scientific Sessions	Atlanta, Georgia, USA
2000	American College of Cardiology, 49 th Annual Scientific Sessions	Anaheim, California, USA
2000	73 rd Scientific Sessions of the American Heart Association	Atlanta, Georgia, USA
2000	47 th Annual Conference of the Israel Heart Society	Jerusalem, Israel
2000	2 nd International Meeting on Intensive Cardiac Care	Jerusalem, Israel
2001	48 th Annual Conference of the Israel Heart Society	Jerusalem, Israel
2001	American College of Cardiology 50 th Annual Scientific Sessions	Orlando, Florida, USA
2002	49 th Annual Conference of the Israel Heart Society with the Israel Society of Cardiothoracic Surgery	Tel Aviv, Israel
2002	American College of Cardiology 51 st Annual Scientific Sessions	Atlanta, Georgia, USA
2002	6 th International Dead Sea Symposium on Cardiac Arrhythmias and Device Therapy	Tel Aviv, Israel
2002	3 rd International Meeting on Intensive Cardiac Care	Tel Aviv, Israel
2002	New Frontiers in the Treatment of Acute Coronary Syndrome	Ljubljana, Slovenia
2003	50 th Annual Conference of the Israel Heart Society with the Israel Society of Cardiothoracic Surgery	Tel Aviv, Israel

2003	Israel Society of Thrombosis and Hemostasis	Tel Aviv, Israel
2003	Meeting of the International Society of Thrombosis and Hemostasis	Birmingham, UK
2003	Early Initiation of GPIIb/IIIa Inhibitors as Optimal Strategy in ACS and AMI?	Zwolle, The Netherlands
2003	American Heart Association Scientific Sessions 2003	Orlando, Florida, USA
2004	Joint meeting of the Israel Working Group on Intensive Cardiac Care and the Working Group of Cardiovascular Epidemiology and Prevention of Cardiology of the Israel Heart Society	Tel Aviv, Israel
2005	XXth International Society of Thrombosis and Hemostasis (ISTH)	Sydney, Australia
2005	17 th Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Slovenian Heart Society Meeting.	Portorož, Slovenia
2005	Scientific Gathering of the Israel Heart Society	Dead Sea, Israel
2006	Platelets 2006 Symposium	Ma'ale Hachamisha, Israel
2006	19 th International Congress on Thrombosis, The Mediterranean League Against Thromboembolic Diseases	Tel Aviv, Israel
2006	Acute Cardiac Care, European Society of Cardiology Meeting	Prague, Czech Republic
2006	Scientific Gathering of the Israel Heart Society	Metzudat David, Jerusalem
2007	הכינוס השנתי ה-41 של האיגוד הישראלי למדעי המעבדה ר"אילם – הרפואית	גני התערוכה, תל אביב
2007	XXIst Congress of the International Society on Thrombosis and Haemostasis	Geneva, Switzerland
2007	5 th International Meeting Intensive Cardiac Care Member of Local Faculty and Organizing Committee	Tel Aviv, Israel

2008	57 th Annual Scientific Sessions of the American College of Cardiology	Chicago, IL, USA
2008	Pulmonary embolism from prevention to Intervention	Tel Hashomer, Israel
2008	5 th Annual Symposium: "Cardiac CT Comes of Age" presented by the Johns Hopkins University School of Medicine	Chicago, Illinois, USA

B.1. ORIGINAL ARTICLES

B.1.1. Published

1. Matetzky S, Barabash GI, Shahar A, Rabinowitz B, Rath S, Har Zahav Y, Agranat O, Kaplinsky E, Hod H.
Early T wave inversion after thrombolytic therapy predicts better coronary perfusion: Clinical and angiographic study.
J Am Coll Cardiol 1994;24:378-383 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
2. Freimark D, Matetzky S, Hod H, Chouraqui P, Kaplinsky E, Rabinowitz B.
High early peak creatine kinase after thrombolysis in patients with acute anterior infarction predicts poor left ventricular function.
Cardiology 1995;86:411-416 (**Cardiac & Cardiovascular Systems 42/75, IF 1.701**).
3. Matetzky S, Barabash GI, Rabinowitz B, Rath S, Har Zahav Y, Agranat O, Kaplinsky E, Hod H.
Q-wave and non Q-wave myocardial infarct post thrombolysis.
J Am Coll Cardiol 1995;26:1445-1451 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
4. Matetzky S, Freimark D, Chouraqui P, Rabinowitz B, Rath S, Kaplinsky E, Hod H.
The significance of ST-segment elevations in posterior chest leads V₇₋₉ in patients with acute inferior myocardial infarction. Application for thrombolytic therapy.
J Am Coll Cardiol 1998;31(3):506-511 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
5. Matetzky S, Freimark D, Chouraqui P, Novikov I, Agranat O, Rabinowitz B, Kaplinsky E, Hod H.
The distinction between coronary and myocardial reperfusion after thrombolytic therapy by clinical markers of reperfusion.
J Am Coll Cardiol 1998;32(5):1326-1330 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
6. Shotan A, Brill Z, Matetzky S, Shachar A, Feigenberger Z, Hod H, Kaplinsky E.
Pain scoring – a method for assessing acute antianginal therapy: Comparison of the response to acute sublingual administration of isosorbide dinitrate tablet, isosorbide dinitrate spray and nitroglycerin spray in unstable angina.
Cardiology 1998;89:163-169 (**Cardiac & Cardiovascular Systems 42/75, IF 1.701**).

7. Inbal A, Freimark D, Modan B, Chetrit A, Matetzky S, Rosenberg N, Dardik R, Baron Z, Seligsohn U.
Synergistic effects of prothrombotic polymorphisms and atherogenic factors on the risk of myocardial infarction in young males.
Blood 1999;93(7):2186-90 (**Hematology 8/63, IF 10.896**).
8. Matetzky S, Freimark D, Feinberg MS, Novikov I, Rath S, Rabinowitz B, Kaplinsky E, Hod H.
Acute myocardial infarction with isolated ST-segment elevation in posterior chest leads V₇₋₉: "hidden" ST-segment elevations revealing acute posterior infarction.
J Am Coll Cardiol 1999;34(3):748-53 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
9. Matetzky S, Novikov M, Gruberg L, Freimark D, Feinberg M, Elian D, Novikov I, Di Segni E, Agranat O, Har-Zahav Y, Rabinowitz B, Kaplinsky E, Hod H. The significance of persistent ST elevation versus early resolution of ST segment elevation after primary PTCA.
J Am Coll Cardiol 1999;34(7):1932-8 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
10. Matetzky S, Sharir T, Domingo M, Noc M, Chyu KY, Kaul S, Eigler N, Shah PK, Cercek B.
Elevated troponin I level on admission is associated with adverse outcome of primary angioplasty in acute myocardial infarction.
Circulation 2000;102(14):1611-6 (**Cardiac & Cardiovascular Systems 1/75, IF 12.755**).
11. Matetzky S, Tani S, Kangavari S, Dimayuga P, Yano J, Xu H, Chyu KY, Fishbein MC, Shah PK, Cercek B.
Smoking increases tissue factor expression in atherosclerotic plaques: implications for plaque thrombogenicity.
Circulation 2000;102(6):602-4 (**Cardiac & Cardiovascular Systems 1/75, IF 12.755**).
12. Feinberg MS, Schwammenthal E, Shlizerman L, Porter A, Hod H, Freimark D, Matetzky S, Boyko V, Mandelzweig, Vered Z, Behar S, Sagie A. Prognostic significance of mild mitral regurgitation by colour Doppler echocardiography in acute myocardial infarction.
Am J Cardiol 2000;86:903-907 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
13. Goldenberg I, Matetzky S, Hod H, Behar S, Freimark D.
Outcome of patients with electrocardiographic evidence of left ventricular hypertrophy following thrombolytic therapy for acute myocardial infarction.
Am J Cardiol 2001;88(9):1024-6 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).

14. Matetzky S, Sharir T, Noc M, Domingo M, Chyu K, Kar S, Eigler N, Kaul S, Shah PK, Cercek B.
Primary angioplasty for acute myocardial infarction in octogenarians.
Am J Cardiol 2001;88(6):680-683 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
15. Freimark D, Matetzky S, Leor J, Boyko V, Barbash IM, Behar S, Hod H.
Timing of Aspirin administration as a determinant of survival of patients with acute myocardial infarction treated with thrombolysis.
Am J Cardiol 2002;89:381-385 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
16. Hodish I, Matetzky S, Selah B, Guetta V, Goldenberg I, Doolman R, Freimark D, Hod H.
Effect of elevated homocysteine levels on clinical restenosis following percutaneous coronary intervention.
Cardiology 2002;97(4):214-7 (**Cardiac & Cardiovascular Systems 42/75, IF 1.701**).
17. Tanne D, Haim M, Boyko V, Goldbourt U, Reshef T, Matetzky S, Adler Y, Mekori YA, Behar S.
Soluble intercellular adhesion molecule-1 and risk of future ischemic stroke: a nested case-control study from the Bezafibrate Infarction Prevention (BIP) study cohort.
Stroke 2002;33(9):2182-6 (**Peripheral Vascular Disease 5/54, IF 6.296**).
18. Noc M, Matetzky S, Domingo M, Kar S, Makkar R, Cercek B, Livack F.
Frequency of incomplete reperfusion in patients with acute myocardial infarction undergoing primary angioplasty.
Am J Cardiol 2002;90(3):316-8 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
19. Barbash IM, Freimark D, Gottlieb S, Hod H, Hasin Y, Battler A, Crystal E, Matetzky S, Boyko V, Mandelzweig L, Behar S, Leor J.
Outcome of myocardial infarction in patients treated with aspirin is enhanced by pre-hospital administration.
Cardiology 2002;98(3):141-147 (**Cardiac & Cardiovascular Systems 42/75, IF 1.701**).
20. Goldenberg I, Matetzky S, Halkin A, Roth A, Di Segni E, Freimark D, Elian D, Agranat O, Har Zahav Y, Guetta V, Hod H.
Primary angioplasty with routine stenting compared to thrombolytic therapy in elderly patients with acute myocardial infarction.
Am Heart J 2003;145:862-867 (**Cardiac & Cardiovascular Systems 13/75, IF 3.649**).

21. Cercek B, Shah PK, Noc M, Zahger D, Zeymer U, Matetzky S, Maurer G, Mahrer P for AZACS Investigators.
Effect of short-term treatment with azithromycin on recurrent ischaemic events in patients with acute coronary syndrome in the Azithromycin in Acute Coronary Syndrome (AZACS) trial: a randomized controlled trial. Lancet 2003;361:809-813 (**Medicine, General & Internal 2/100, 28.638**).
22. Matetzky S, Freimark D, Ben-Ami S, Goldenberg I, Leor J, Doolman R, Novikov I, Eldar M, Hod H.
Association of elevated homocysteine levels with a higher risk of recurrent coronary events and mortality in patients with acute myocardial infarction. Arch Intern Med 2003;163(16):1933-1937 (**Medicine, General & Internal 8/100, 8.391**).
23. Matetzky S, Domingo M, Kar S, Noc M, Shah PK, Kaul S, Daar E, Cercek B. Acute myocardial infarction in human immunodeficiency virus-infected patients.
Arch Intern Med 2003; 163(4):457-60 (**Medicine, General & Internal 8/100, 8.391**).
24. Shechter M, Matetzky S, Feinberg MS, Chouraqui P, Rotstein Z, Hod H. External counterpulsation (ECP) therapy improves endothelial function in patients with refractory angina pectoris.
J Am Coll Cardiol 2003;42(12):2090-2095 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
25. Goldenberg I, Jonas Michael, Tenenbaum A, Boyko V, Matetzky S, Shotan A, Behar S, Reicher-Reiss H.
Current smoking, smoking cessation and the risk of sudden cardiac death in patients with coronary artery disease.
Arch Intern Med 2003;163(19):2301-2305 (**Medicine, General & Internal 8/100, 8.391**).
26. Freimark D, Feinberg MS, Matetzky S, Hochberg N, Shechter M.
Impact of short-term intermittent intravenous dobutamine therapy on endothelial function in patients with severe chronic heart failure.
Am Heart J 2004;148:878-882 (**Cardiac & Cardiovascular Systems 13/75, IF 3.649**).
27. Matetzky S, Shenkman B, Guetta V, Shechter M, Beinart R, Goldenberg I, Novikov I, Pres H, Savion N, Varon D, Hod H.
Clopidogrel resistance is associated with increased risk of recurrent atherothrombotic events in patients with acute myocardial infarction.
Circulation 2004;109:3171-3175 (**Cardiac & Cardiovascular Systems 1/75, IF 12.755**).

28. Beinart R, Boyko V, Schwammenthal E, Kuperstein R, Sagie A, Hod H, Matetzky S, Behar S, Eldar M, Feinberg MS. Long-term prognostic significance of left atrial volume in acute myocardial infarction. J Am Coll Cardiol 2004;44 (2):327-34 (**Cardiac & Cardiovascular Systems 2/75, IF 10.174**).
29. Kangavari S, Matetzky S, Shah PK, Yano J, Chyu KY, Fishbein MC, Cercek B. Smoking increases inflammation and metalloproteinase expression in human carotid atherosclerotic plaques. J Cardiovasc Pharm T 2004;9(4):291-8 (**Pharmacology & Pharmacy 138/205, IF 1.485**).
30. Beigel R, Barenboim E, Sofer BA, Matetzky S, Goldstein L, Beigel Y, Shechter M. Statin efficacy and safety for lipid modification in apparently healthy male military aircrew. Aviat Space Environ Med 2005;76(9):857-60 (**Public, Environmental & Occupational Medicine 83/100, IF 0.832**).
31. Elian D, Osherov A, Matetzky S, Hod H, Guetta V, Feinberg MS, Di Segni E. Left ventricular apical ballooning: not an uncommon variant of acute myocardial infarction in women. Clin Cardiol 2006; 29(1):9-12 (**Cardiac & Cardiovascular Systems 58/75, IF 1.067**).
32. Feinberg MS, Boyko V, Leor J, Kuperstein R, Sagie A, Hod H, Matetzky S, Behar S, Schwammenthal E. Differential value of left atrial systolic and diastolic volumes as independent predictors of congestive heart failure or early death in acute myocardial infarction. Heart 2006;92(3):397-8 (**Cardiac & Cardiovascular Systems 11/75, IF 4.141**).
33. Shechter M, Beigel R, Freimark D, Matetzky S, Feinberg MS. Short-term sibutramine therapy is associated with weight loss and improved endothelial function in obese patients with coronary artery disease. Am J Cardiol 2006; 97(11):1650-3 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
34. Hod H, Matetzky S. Chest pain unit in Israel: are we on the road? (**Editorial**). Isr Med Assoc J 2006; 8(5):351-2 (**Medicine General & Internal 75/100, IF 0.577**).
35. Carter D, Pokroy R, Azaria B, Matetzky S, Prokopetz A, Barenboim E, Harpaz D, Goldstein L. Effect of G-Force on bicuspid aortic valve in aviators. Cardiology 2007; 108(2):124-7 (**Cardiac & Cardiovascular Systems 42/75, IF 1.701**).

36. Guetta V, Mosseri M, Shechter M, Matetzky S, Assail A, Almagor Y, Gruberg L, Benderly M, Lotam C, Kornowski R. UpFlow MI Study Investigators. Safety and efficacy of the FilterWire EZ in acute ST-segment elevation myocardial infarction.
Am J Cardiol 2007; 99(7):911-915 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
37. Laish-Farkash A, Matetzky S, Kassem S, Haj-Iahia H, Hod H. Therapeutic hypothermia for comatose survivors after cardiac arrest.
Isr Med Assoc J 2007; 4:252-6 (**Medicine General & Internal 75/100, IF 0.577**).
38. Beinart R, Matetzky S, Arad T, Hod H. Cold water-induced pulmonary edema.
Am J Med 2007;120(9):e3 (**Medicine General & Internal 11/100, IF 4.907**).
39. Barsheshet A, Hod H, Shechter M, Sharabani-Yosef O, Rosenthal E, Barbash IM, Matetzky S, Tal R, Bentancur AG, Sela BA, Nagler A, Leor J. The effects of external counter pulsation therapy on circulating endothelial progenitor cells in patients with angina pectoris.
Cardiology 2007;110(3):160-166 (**Cardiac & Cardiovascular Systems 42/75, IF 1.701**).
40. Schwammenthal Y, Tsabari R, Shenkman B, Schwartz R, Matetzky S, Lubetsky A, Orion D, Israeli-Korn S, Chapman J, Savion N, Varon D, Tanne D. Aspirin responsiveness in acute brain ischaemia: association with stroke severity and clinical outcome.
Cerebrovasc Dis 2008 Feb 28;25(4):355-361 (**Peripheral Vascular Disease 22/54, IF 2.534**).
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43. Shenkman B, Matetzky S, Fefer P, Hod H, Einav Y, Lubetsky A, Varon D, Savion N. Variable responsiveness to clopidogrel and aspirin among patients with acute coronary syndrome as assessed by platelet function tests.

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44. Beinart R, Matetzky S, Shechter M, Fefer P, Rozen E, Beinart T, Hod H, Chouraqui P. Stress-induced ST-segment elevation inpatients without prior Q-wave myocardial infarction.
J Electrocardiol 2008;41(4):312-7(**Cardiac & Cardiovascular Systems 56/75, IF 1.069**).
45. Segev A, Elian D, Marai I, Matetzky S, Agranat O, Har-Zahav Y, Guetta V. Thrombus aspiration during primary percutaneous coronary intervention in acute ST-elevation myocardial infarction.
Cardiovasc Revasc Med 2008;9(3):140-3. (**Not found in IF listing**).
46. Beinart R, Matetzky S, Hod H, Arad T. Cold water-induced pulmonary edema.
Am J Med 2007 Sep;120(9):e3.2007 (**Clinical Communication to the Editor**). (**Medicine General & Internal 11/100, IF 4.907**).
47. Matetzky S, Fefer P, Shenkman B, Varon D, Savion N, Hod H. Effectiveness of reloading to overcome clopidogrel nonresponsiveness in patients with acute myocardial infarction.
Am J Cardiol 2008;102(5):524-9 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
48. Fefer P, Hod H, Ilany J, Shechter M, Segev A, Novikov I, Guetta V, Matetzky S. Comparison of myocardial reperfusion in patients with fasting blood glucose <100, 101-125, and >125 md/dl and ST-elevation myocardial infarction with percutaneous coronary intervention.
Am J Cardiol 2008;102(11):1457-62 (**Cardiac & Cardiovascular Systems 14/75, IF 3.603**).
49. Goitein O, Matetzky S, Beinart R, Di Segni E, Hod H, Bentancur A, Konen E. Acute myocarditis: noninvasive evaluation with cardiac MRI and transthoracic echocardiography.
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B.1.2. Accepted for Publication

1. Fefer P, Hod H, Hammerman H, Boyko V, Behar S, Matetzky S. Clinically-defined spontaneous reperfusion is associated with improved outcome in ST-elevation myocardial patients.
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3.603).

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3. Fefer P, Hod H, Hammerman H, Segev A, Beinart R, Boyko V, Behar S, Matetzky S. The clinical benefit of pretreatment with high dose clopidogrel in patients undergoing primary angioplasty for ST-elevation myocardial infarction.
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4. Ilany J, Marai I, Cohen O, Matetzky S, Gorfine M, Erez I, Hod H, Karasik A. Glucose homeostasis abnormalities in cardiac intensive care unit patients.
Acta Diabetol, 2009 (Endocrinology & Metabolism 75/92, IF 1.619).
5. Freimark D, Arad M, DeNeen I, Matetzky S, Gershovitz L, Koren Morag N, Hochberg N, Makmal Y, Shechter M. An Advanced Heart Failure Day Care Service: A Five-Year Single Center Experience.
Isr Med Assoc J 2009 (Medicine, General & Internal 75/100; IF:0.577).
6. Shechter M, Matetzky S, Arad M, Feinberg MS, Freimark D. Vascular endothelial function predicts mortality risk in patients with advanced ischemic chronic heart failure.
Eur J Heart Fail 2009 (Cardiac & Cardiovascular Systems 21/75, IF 2.986).

B.1.3. Submitted for Publication

1. Matetzky S, Shenkman B, Fefer P, Shechter M, Beinart R, Novikov I, Savion N, Varon D, Hod H. Statin therapy has an early and direct anti-platelet effect in patients with acute ST-elevation myocardial infarction.
Atherosclerosis
2. Shechter M, Shechter A, Hod H, Fefer P, Shenkman B, Koren-Morag N, Feinberg MS, Harats D, Ami Sela B, Varon D, Savion N, Matetzky S. Brachial artery endothelial function predicts platelet function in healthy

subjects and in patients with acute myocardial infarction.
Circulation

3. Fefer P, Hod H, Novikov I, Segev A, Guetta V, Matetzky S. Coronary atherosclerosis risk factors and the anatomic distribution of the culprit lesion in the coronary tree in patients with ST-elevation myocardial infarction.
Am J Cardiol
4. Beinart R, Abu Sham'a R, Segev A, Hod H, Guetta V, Shechter M, Boyko V, Behar S, Matetzky S. The incidence and predictors of early stent thrombosis in patients with acute coronary syndrome.
Am Heart J

B 2 Case Reports

B2.1 Published

1. Leor J, Matetzky S.
Ofloxacin and warfarin.
Ann Int Med 1988;109:761
2. Pauzner R, Istomin V, Segal-Lieberman G, Matetzky S, Farfel Z.
Bilateral patellar metastases as the clinical presentation of
bronchogenic adenocarcinoma.
J Rheumatol 1996;23:939-941.
3. Mouallem M, Matetzky S, Raichlin E, Farfel Z.
A man with a prosthetic valve, anamea, fever, and splenomegaly.
Lancet 1996;348:1216.

B.3 Review Articles

B3.1 Published

1. Oshero A, Matetzky S, Beinart R, Hod H.
Transient left ventricular apical ballooning (Tako-tsubo): the
syndrome that mimics acute myocardial infarction.
Isr Med Assoc J 2004; 6(9):550-552.
2. Goldenberg I, Matetzky S.
Nephropathy induced by contrast media: pathogenesis, risk
factors and preventive strategies.
CMAJ 2005;172(11):1461-71.
3. Goldenberg I, Shechter M, Matetzky S, Jonas M, Adam M, Pres H,
Elian D, Agranat O, Schwammenthal E, Guetta V.
Oral acetylcysteine as an adjunct to saline hydration for the prevention
of contrast-induced nephropathy following coronary angiography. A
randomized controlled trial and review of the current literature.
Eur Heart J 2004;25:212-218.
4. Shechter M, Beigel R, Matetzky S, Freimark D, Chouraqui P.
The intensive statin therapy myth.
Isr Med Assoc J 2005;7(11):683-7.
5. Beigel R, Matetzky S, Fefer P, Dvir D, Hod H.
Aspirin – issues in daily practice: an update
Isr Med Assoc J 2007; 4:221-6.

6. Fefer P, Hod H, Matetzky S. Clopidogrel resistance – the cardiologist's perspective. Platelets 2007; 3:175-81.

B 4 Chapter in Books

, בעריכת 'אוטם חד בשריר הלב' אינציקלופדיה הישראלית לרפואה" הפרק העוסק ב" פרופ' י. קישון, 2000

D.1. Invited Papers

1. Hod H, Matetzky S. Differences in post-thrombolysis outcome between Q-wave and non Q-wave myocardial infarction. Cardiology Review 1996;13(9):15-22.

G. Other Publications

1. Leor J, Matetzky S. Ofloxacin and warfarin [**letter**]. Annals of Int Med 109(9):761, 1988.
2. Hod H, Matetzky S. The 'hidden' STEMI. Heart June 16, 2005 (**Letter to the Editor**).
3. Feinberg MS, Boyko V, Leor J, Kuperstein R, Sagie A, Hod H, Matetzky S, Behar S, Schwammenthal E. Differential value of left atrial systolic and diastolic volumes as independent predictors of congestive heart failure or early death in acute myocardial infarction. Heart 92:397-398, 2006 (**Scientific Letter**).

D.2 PAPERS PRESENTED AT SCIENTIFIC MEETINGS

1. Matetzky S, Barbash G, Shahar A, Rabinowitz B, Rath S, Har Zahav Y, Agranat O, Kaplinsky E, Hod H.
The prognostic significance of early inversion of T-waves after thrombolytic therapy for acute myocardial infarction.
64th Scientific Sessions of the American Heart Association, Anaheim, California. Circulation 84:4;252(A);1991.
2. Matetzky S, Barabash GI, Shahar A, Rabinowitz B, Rath S, Har Zahav Y, Agranat O, Kaplinsky E, Hod H.
The significance of early T-wave inversion after thrombolytic therapy.
38th Annual Meeting of the Israel Heart Society, Tel-Aviv, Israel. 1991.
3. Matetzky S, Barbash G, Shahar A, Freimark D, Rabinowitz B, Har Zahav Y, Agranat O, Rath S, Kaplinsky E, Hod H.
The short- and long-term prognosis of Q and non-Q wave myocardial infarction post thrombolysis.
39th Annual Meeting of the Israel Heart Society, Tel-Aviv, Israel. 1992.
4. Matetzky S, Barbash G, Agranat O, Rath S, Har Zahav Y, Freimark D, Rabinowitz B, Kaplinsky E, Hod H.
The value of thrombolytic therapy in patients with inferior myocardial infarction and concomitant posterior wall involvement.
40th Annual Meeting of the Israel Heart Society, Tel-Aviv, Israel. 1993.
5. Matetzky S, Freimark D, Hod H, Chouraqui P, Kaplinsky E, Rabinowitz B. High and early peak CPK after thrombolysis for anterior infarction predicts poor left ventricular function.
41st Annual Meeting of the Israel Heart Society, Tel-Aviv, Israel. 1994.
6. Shotan A, Brill Z, Matetzky S, Feigenberger Z, Kaplinsky E, Rabinowitz B. Pain scoring – a method for assessing acute anti-anginal therapy: Comparison of various preparations of nitrates in unstable angina.
Annual Meeting of the Israel Heart Society, Tel-Aviv, Israel. 1995.
7. Shotan A, Brill Z, Matetzky S, Shahar A, Feigenberger Z, Kaplinsky E, Rabinowitz B.
Assessment of acute anti-anginal therapy in patients with unstable angina: Comparison of isosorbide dinitrate tablets, isosorbide dinitrate spray and nitroglycerin spray.
3rd International Congress on Heart Failure – Mechanisms and Management. Geneva, Switzerland 1995.

8. Matetzky S, Freimark D, Rabinowitz B, Agranat O, Gruberg L, Kaplinsky E, Hod H.
Coronary versus myocardial reperfusion after thrombolytic therapy.
-XIXth Congress of the European Society of Cardiology. Stockholm, Sweden 1997.
-44th Annual Meeting of the Israel Heart Society, Jerusalem, Israel 1997.
9. Gruberg L, Di Segni E, Agranat O, Har Zahav Y, Rath S, Eldar M, Elian D, Feinberg MS, Freimark D, Matetzky S, Rabinowitz B, Kaplinsky E, Hod H.
Is rescue angioplasty during acute myocardial infarction justified?
44th Annual Meeting of the Israel Heart Society, Jerusalem, Israel 1997.
10. Matetzky S, Barabash GI, Freimark D, Chouraqui P, Kaplinsky E, Hod H.
Posterior chest leads (V₇₋₉) ST ↑ during acute inferior infarct predicts larger infarct and better benefit from thrombolysis.
46th Annual Scientific Session of the American College of Cardiology. Anaheim, California, USA, 1997.
11. Freimark D, Behar S, Matetzky S, Feinberg M, Hod H, for the ARGAMI-2 Study Group.
Time dependent effect of treatment with ASA during thrombolytic therapy in acute myocardial infarction.
-J Isr Heart Soc 1998 p.9 [abstr]
-J Am Coll Cardiol 1998; 31:231(Suppl A) 47th Annual Scientific Sessions, American College of Cardiology, Atlanta, Georgia, USA
12. Matetzky S, Freimark D, Rabinowitz B, Rath S, Agranat O, Kaplinsky E, Hod H.
Acute myocardial infarction with isolated ST-segment elevation in posterior chest leads V7-V9.
- Israel Heart Society Meeting, Jerusalem, Israel 1997.
- J Am Coll Cardiol 1998;31:229 (Suppl A) 47th Annual Scientific Sessions, American College of Cardiology, Atlanta, Georgia, USA
13. Matetzky S, Tani S, Dimayuga P, Kangavari S, Zhu J, Xu H, Yano J, Chyu K-Y, Fishbein M, Kaul S, Shah PK, Cercek B.
Cigarette smoking increases tissue-factor expression in human and murine atherosclerotic plaques.
American College of Cardiology, 49th Annual Scientific Sessions, Anaheim, CA, USA, 2000.
14. Shlizerman L, Sagie A, Porter T, Schwammenthal E, Hod H, Freimark D, Matetzky S, Boyko V, Mandelzweig, Vered Z, Behar S, Feinberg MS.
The prognostic significance of mild mitral regurgitation by echocardiography in patients with acute myocardial infarction.
47th Annual Meeting of the Israel Heart Society, Tel Aviv, Israel, 2000.

15. Matetzky S, Sharir T, Noc M, Domingo M, Eigler N, Cercek B.
The significance of elevated troponin I level prior to primary angioplasty for acute myocardial infarction.
American College of Cardiology, 49th Annual Scientific Sessions, Anaheim, CA, USA, 2000.
16. Shechter M, Merz CNB, Stuhlinger HS, Sharir M, Matetzky S, Pachinger O, Slany J, Rabinowitz B.
Oral Magnesium supplementation improves exercise duration and quality of life in patients with coronary artery disease.
American College of Cardiology, 50th Annual Scientific Sessions, Orlando, Florida, USA, 2001.
17. Matetzky S, Sharir Tali, Eigler Neil, Cercek Bojan.
Primary angioplasty for ST-elevation acute myocardial infarction in the elderly.
48th Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 2001.
18. Matetzky S, Freimark D, Sela B, Kaplinsky E, Hod H.
The homocysteine paradox.
48th Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 2001.
19. Matetzky S, Domingo M, Noc M, Daar E, Cercek B.
Acute myocardial infarction in HIV-infected patients.
48th Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 2001.
20. Goldenberg I, Matetzky S, Hod H, Behar S, Freimark D.
Outcome of patients with electrocardiographic evidence of left ventricular hypertrophy following thrombolytic therapy for acute myocardial infarction.
48th Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 2001.
21. Shechter M, Bairey Merz N, Stuehlinger HG, Slany J, Pachinger O, Sharir M, Matetzky S, Rabinowitz B.
Oral magnesium supplementation improves exercise duration and quality of life in patients with coronary artery disease.
48th Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 2001.
22. Hodish I, Matetzky S, Freimark D, Ben-Ami S, Kaplinsky E, Hod H.
Hyperhomocysteinemia is not a risk factor for restenosis.
48th Annual Meeting of the Israel Heart Society, Jerusalem, Israel, April 2001.

23. Matetzky S, Daar E, Domingo M, Cercek B.
Acute myocardial infarction in HIV-infected patients. American College of Cardiology, 51st Annual Scientific Session, Atlanta, Georgia, USA, 2002.
24. Matetzky S, Freimark D, Ben-Ami S, Novikov I, Eldar M, Hod H.
Increased homocysteine levels predict a more complicated course following acute myocardial infarction. American College of Cardiology, 51st Annual Scientific Session, Atlanta, Georgia, USA, 2002.
25. Matetzky S, Novikov I, Eigler N, Shah PK, Cercek B.
The significance of spontaneous restoration of coronary flow or initial angiography in patients assigned to primary angioplasty.
49th Annual Conference of the Israel Heart Society (together with the Israel Society of Cardiothoracic Surgery), Tel Aviv Israel, 2002.
26. Goldenberg I, Matetzky S, Halkin A, Roth A, Di Segni E, Freimark D, Elian D, Agranat O, Har-Zahav Y, Guetta V, Hod H.
Primary angioplasty with stenting as compared with thrombolytic therapy in elderly patients with acute myocardial infarction.
49th Annual Conference of the Israel Heart Society, (together with the Israel Society of Cardiothoracic Surgery), Tel Aviv Israel, 2002.
27. Shechter M, Feinberg MS, Matetzky S, Freimark D.
The impact of intermittent intravenous dobutamine therapy on endothelial function in patients with severe chronic heart failure.
- 49th Annual Conference of the Israel Heart Society (together with the Israel Society of Cardiothoracic Surgery), Tel Aviv Israel, 2002.
- XXIV European Society of Cardiology, Berlin, Germany, August 2002.
28. Shechter M, Matetzky S, Feinberg MS, Chouraqui P, Rotstein Z, Hod H.
Endothelial function in patients with severe coronary artery disease treated with enhanced external counterpulsation therapy (ECPT).
- 49th Annual Conference of the Israel Heart Society (together with the Israel Society of Cardiothoracic Surgery), Tel Aviv Israel, 2002.
- XXIV European Society of Cardiology, Berlin, Germany, August 2002.
29. Novikov MI, Matetzky S, Novikov I, Hod H. Prior treatment with angiotensin converting enzyme inhibitors influences the diurnal variation in acute myocardial infarction onset.
52nd Annual Scientific Session, American College of Cardiology, Chicago, Illinois, March 30-April 2, 2003.
30. Shechter M, Matetzky S, Feinberg MS, Chouraqui P, Rotstein Z, Usmanov V, Hod H. External counterpulsation therapy improves endothelial function in patients with refractory angina pectoris.
52nd Annual Scientific Session, American College of Cardiology, Chicago, Illinois, March 30-April 2, 2003.

31. Matetzky S, Guetta V, Goldenberg I, Agranat O, Har-Zahav Y, DiSegni E, Varon D, Eldar M, Hod H. The significance of early ST-segment resolution after treatment with aspirin in patients assigned to primary angioplasty. 52nd Annual Scientific Session, American College of Cardiology, Chicago, Illinois, March 30-April 2, 2003.
32. Matetzky S, Noc M, Eigler N, Cercek B. Preintervention restoration of coronary flow in patients with ST elevation acute myocardial infarction is associated with better angiography and clinical outcomes. 52nd Annual Scientific Session, American College of Cardiology, Chicago, Illinois, March 30-April 2, 2003.
33. Goldenberg I, Jonas M, Matetzky S, Shechter M, Agranat O, Har-Zahav Y, Elian D, Guetta V. Contrast-associated nephropathy and clinical outcome of patients with chronic renal insufficiency undergoing cardiac catheterization: lack of additive benefit of acetylcysteine to saline hydration. 52nd Annual Scientific Session, American College of Cardiology, Chicago, Illinois, March 30-April 2, 2003.
30. Matetzky S, Goldenberg I, Muallem E, Behar S, Hod H. Clinical characteristics, therapeutic trends and thirty-day outcome in a large cohort of young Israeli patients with acute coronary syndrome. (Guided poster). 50th Annual Conference of the Israel Heart Society together with the Israel Society of Cardiothoracic Surgery, Tel Aviv Israel, 2003.
31. Matetzky S, Guetta V, Goldenberg I, Feinberg MS, Shenkman B, Varon D, Hod H. The significance of early ST-segment resolution after treatment with aspirin in patients assigned to primary angioplasty. 50th Annual Conference of the Israel Heart Society together with the Israel Society of Cardiothoracic Surgery, Tel Aviv Israel, 2003.
32. Matetzky S, Shenkman B, Hod H, Savion N, Varon D. Clopidogrel resistance in patients with acute coronary syndrome is associated with increased risk of cardiovascular events. Israel Society for Thrombosis and Hemostasis (ISTH), Tel Aviv, Israel, June 2003.
33. Shenkman B, Matetzky S, Hod H, Savion N, Varon D. Monitoring of the combined effect of integrilin, clopidogrel and aspirin in patients with myocardial infarction by Cone and Plate(let) Analyzer. XIX International Society of Thrombosis and Hemostasis. Birmingham, UK, July 2003.
34. Matetzky S, Shenkman B, Guetta V, Savion N, Varon D, Hod H. Clopidogrel resistance in patients with acute coronary syndrome is associated with increased risk of recurrent cardiovascular events. Scientific Sessions 2003 of the American Heart Association, Orlando, Florida, USA, Nov 2003.

35. Sherer Y, Azaria-Sofer B, Matetzky S, Grossman A, Barnboim E, Goldstein L. Combat jet flying is not associated with development of hypertension – results from a 22-year follow-up. International Congress Aviation Space Medicine, Madrid, 2003.
36. Matetzky S, Shenkman B, Guetta V, Savion N, Varon D, Hod H. Clopidogrel resistance is associated with increased risk of recurrent atherothrombotic events in patients with acute myocardial infarction. The 51st Annual Conference of The Israel Heart Society together with The Israel Society of Cardiothoracic Surgery, Tel Aviv, Israel, 2004.
37. Matetzky S, Shenkman B, Fefer P, Shechter M, Savion N, Varon D, Hod H. Statins confer a direct anti-platelet effect in patients with acute myocardial infarction undergoing primary PCI: Ex-vivo study results. The 52nd Annual Conference of The Israel Heart Society together with The Israel Society of Cardiothoracic Surgery, Tel Aviv, Israel, 2005.
38. Shechter M, Issachar A, Marai I, Koren Morag N, Freimark D, Matetzky S, Usmanov V, Gilman S, Feinberg MS. Long-term association of brachial artery flow-mediated vasodilation and cardiovascular events in middle-aged subjects with not apparent heart disease.
J Am Coll Cardiol 2006;46:313A.
Israel Heart Society Abstract Book 2006.
38. S. Matetzky, Clopidogrel resistance. (Session on Antiplatelet Therapy), Platelets 2006 Symposium, 14th May, 2006, Ma'aleh Ha'chamisha.
39. Freimark D, Arad M, Matetzky S, Gershovitz L, Langerman I, Koren Morag N, Hochberg N, Makmal Y, Shechter M. Refractory end-stage chronic heart failure day care service: a five-year single center experience.
J Am Coll Cardiol 2007;49:280A.
40. Shechter M, Arad M, Matetzky S, Feinberg MS, Eizenberg N, Hochenberg N, Guttman M, Makmal Y, Freimark D. Vascular endothelial function predicts mortality risk in patients with severe ischemic chronic heart failure. Israel Heart Society Annual Meetings, Tel Aviv, Israel, April 2007.
41. Gottlieb S, Behar S, Hod H, Hammerman H, Matetzky S, Schwartz R, Hasdai D, Zahger D, Leor J, Guetta V. Trends in management and outcome of patients with ST-elevation ACS in Israel: Data from ACSIS 2000-2006. Eur Soc of Cardiology Meeting, Munich, Germany, 2007.
42. Shenkman B, Matetzky S, Hod H, Lubetsky A, Varon D, Savion N. Responsiveness to clopidogrel and aspirin among patients with acute coronary

syndrome as assessed by the Impact-R [Cone and Plate(let) analyzer].
XXIst Congress of the International Society on Thrombosis and Haemostasis,
Geneva July 6-12, 2007.

43. אורי וטורי, שלומי מטצקי, חנוך הוד.

טיפול בתסחיף ריאתי HIGH RISK- NON לאור ההנחיות החדשות.

תסחיף ריאות מניעה וטיפול – Pulmonary Embolism from Prevention to Intervention
מרכז הלב, ב"ח שיבא, תל השומר, 19.11.2008

INVITED LECTURES

1. Matetzky S.
'No Reflow Phenomenon after Reperfusion Therapy in Patients with Acute Myocardial Infarction'. 1st International Meeting of Intensive Cardiac Care, Jerusalem, Israel, June 1998.
2. Matetzky S.
'Homocysteine' - State-of-the-art lecture. 2nd International Meeting of Intensive Cardiac Care, Tel Aviv, Israel, June 2000.
3. Matetzky S.
'Homocysteine and acute coronary syndrome'.
Ground Round in the Ceders Sinai Medical Center, Los Angeles, USA, September 2001.
4. Matetzky S.
'Early electrocardiographic detection of infarct artery patency after reperfusion therapy'. 6th International Dead Sea Symposium on Cardiac Arrhythmias and Device Therapy, Tel Aviv, Israel, March 5-8, 2002.
5. Matetzky S.
'Early non-invasive assessment of reperfusion following thrombolysis'.
Course in "New Frontiers in the Treatment of Acute Coronary Syndrome", Ljubljana, Slovenia, April 2003.
6. Matetzky S.
'Platelet activities and clopidogrel effect in patients with acute myocardial infarction'. Congress of the XIXth International Society of Thrombosis and Hemostasis. Birmingham, UK, July 2003.
7. Matetzky S.
'Clopidogrel resistance'. A Joint Meeting of the Israel Working Group on Intensive Cardiac Care and the Working Group of Cardiovascular Epidemiology and Prevention of Cardiology of the Israel Heart Society. June, Tel Aviv, 2004.
8. Matetzky S.
'Cardiovascular diseases'. Israel Transplant Center "ADI", Israeli Ministry of Health, Tel Aviv, April 2004.
9. Matetzky S.
'Aviation Cardiology'. Israel Air Force Day Seminar for Air Force doctors and Medical Flying Corps, Tel Aviv, November 2004
10. Matetzky S.
'Platelet function and drug resistance in acute myocardial infarction

patients'. XXth International Society of Thrombosis and Hemostasis (ISTH). Sydney, Australia, 6-12 August, 2005.

11. Matetzky S.
'Primary PCI for acute myocardial infarction. Where do we go?' 17th Annual Meeting of the Mediterranean Association of Cardiology and Cardiac Surgery, Slovenian Heart Society Meeting, Portorož, Slovenia, 22-24 September, 2005.
12. Matetzky S.
'Resistance to anti-platelet therapy – can we overcome it?' Scientific Gathering of the Israel Heart Society, Hotel Royal, Dead Sea, 1-3 December, 2005.
13. Matetzky S.
Platelets 2006 Symposium, Ma'ale Hachamisha, Israel, May 11-14, 2006.
14. Matetzky S.
'Clopidogrel resistance'. 19th International Congress on Thrombosis, The Mediterranean League Against Thromboembolic Diseases, and Co-Chairperson of the State of the Art Session: Novel Therapies in Cardiology, Tel Aviv, Israel, 14-18 May, 2006.
15. Matetzky S.
'Resistance to anti-platelet agents'. Acute Cardiac Care, European Society of Cardiology Meeting, Prague, Czech Republic, 21-24 October, 2006.
16. Matetzky S.
'סיכום מחקר טסיות' Heart Institute, Hadassah Hospital, Jerusalem, Israel, 23 November 2006.
17. Matetzky S.
'Clinical implications of variability in platelet aggregation'. Scientific Gathering of the Israel Heart Society, Metzudat David, Jerusalem, 14-16 December, 2006.
18. Matetzky S.
שיטת מעבדתיות לקביעת פעילות טסיות וישומן לניטור תגובת חולי לב לתרופות נגדות טסיות.
הכינוס השנתי ה-41 של האיגוד הישראלי למדעי המעבדה הרפואית. תל אביב, בפרואר 2007.
19. Matetzky S.
"Transient ST elevation MI" – a new entity? 5th International Meeting Intensive Cardiac Care, Tel Aviv, Israel, October 14-16, 2007.

D.3 ABSTRACTS AND PROCEEDINGS

1. Matetzky S, Barbash G, Shahar A, Rabinowitz B, Rath S, Har Zahav Y, Agranat O, Kaplinsky E, Hod H.
The prognostic significance of early inversion of T-waves after thrombolytic therapy for acute myocardial infarction.
64th Scientific Sessions of the American Heart Association, Anaheim, California. Circulation 84:4;252(A);1991.
2. Matetzky S, Barbash G, Agranat O, Rath S, Har Zahav Y, Freimark D, Rabinowitz B, Kaplinsky E, Hod H.
The value of thrombolytic therapy in patients with inferior myocardial infarction and concomitant posterior wall involvement.
40th Annual Meeting of the Israel Heart Society, Tel-Aviv, Israel. 1993
Is J of Med Sci 30(2), February 1994, p.182.
3. Shotan A, Brill Z, Matetzky S, Feigenberger Z, Kaplinsky E, Rabinowitz B.
Pain scoring – a method for assessing acute anti-anginal therapy: Comparison of various preparations of nitrates in unstable angina.
Annual Meeting of the Israel Heart Society, Tel-Aviv, Israel. 1995.
(Abstr. P.161 in Proceedings).
4. Shotan A, Brill Z, Matetzky S, Shahar A, Feigenberger Z, Kaplinsky E, Rabinowitz B.
Assessment of acute anti-anginal therapy in patients with unstable angina: Comparison of isosorbide dinitrate tablets, isosorbide dinitrate spray and nitroglycerin spray.
3rd International Congress on Heart Failure – Mechanisms and Management. Geneva, Switzerland 1995.
J Heart Failure 2(1)574:No573;1995.
5. Matetzky S, Barabash GI, Freimark D, Chouraqui P, Kaplinsky E, Hod H.
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G.1. M.D. STUDENTS

Dates	Name of Student	Title of Thesis	Name of Academic Institution
1998-99	Maxim Novikov	The significance of persistent ST-elevation versus early resolution of ST segment elevation after primary PTCA.	Sackler Faculty of Medicine, Tel Aviv University, Israel
2000-2001	Yossi Rosman	Implication of ECPT in patients with severe stable angina	Sackler Faculty of Medicine, Tel Aviv University, Israel
2000 – 2003	Hana Press	Effect of Heparin supplementation on amiodarone induced local thrombophlebitis: a prospective study	School of Pharmacy, Hebrew University, Jerusalem
2002-2003	Elad Mualem	The prevalence and prognostic significance of new risk factors for coronary artery disease in young myocardial infarction patients	Medical Faculty, Ben Gurion University of the Negev, Beer Sheba, Israel.
2005-2007	Dan Oiyero	Acute myocardial infarcts with transient ST-segment elevation: should they be treated as STEMI or NSTEMI	Sackler Faculty of Medicine, Tel Aviv University, Israel
2008	Keren Golomb	השוות תוצאים רפואיים, יעילות ובטיחות אשפוז חולים שפנו למחלקה לרפואה דחופה, עם באבי חזה כתלונה עיקרית, ביחידה לבירור כאבים בחזה (CPU) לעומת אשפוזם במחלקות הפנימיות.	Sackler Faculty of Medicine, Tel Aviv University, Israel
2007-2008	Alon Shechter	The association between platelet function and endothelial function of the brachial artery in healthy subjects and in patients with coronary artery disease	Sackler Faculty of Medicine, Tel Aviv University, Israel

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