

TECHNION - FACULTY OF MEDICINE

28/11/2012

RESUME

1. PERSONAL DETAILS

Full Name: Avraham Shotan MD
Identification number: 05068501-5
Date of birth: 20/8/1951 Place: Israel
Place of work: Hadera Phone No: 04-6304656
Hospital: Hillel Yaffe Department: Heart Institute
Home Address: Gilad st. 3 Ramat Hasharon
Phone No.: 03-5409720
Zahal Service: 5.5.1977 - 4.5.1982
Marital Status: Married Children: 2
Liscence Number: 15168 Sepecialist Liscence N: 10207

EDUCATION:

11.1969-1.1976 Medicine Hebrew University Jerusalem, Israel
Doctoral thesis Echocardiographic findings in preexcitation syndrome
Name of Supervisor: Prof. L. Blieden
7.1990-8.1992 Research fellowship in cardiology
University of Southern California
USC-LAC Medical Center
Los Angeles, CA

2. ACADEMIC DEGREES

1976 ECFMG certification
1981 MD diploma Hebrew University Jerusalem
1986 Board certificate in cardiology
1989 FMGEMS certification
1998 Lecturer Tel Aviv University Tel Aviv
2004 Senior clinical lecturer Technion Haifa
2011 Clinical associate professor Technion Haifa

3. ACADEMIC APPOINTMENTS

1.4.1998-11.2002	Lecturer in Cardiology Sackler Medical School	Tel Aviv University
1.4.2004-7.2011	Senior clinical lecturer Rapoport Medical School	Technion Haifa
31.7.2011-	Clinical associate professor Rapoport Medical School	Technion Haifa

4. PROFESSIONAL EXPERIENCE

11.2002 - Present	Hillel Yaffe Medical Center, Heart Institute Hadera, Israel	Head of Institute
6.2001 - 10/2002	Sheba Medical Center, Heart Institute Tel Hashomer, Israel Rehailitation Unit	Head of Unit
9.1992 - 10/2002	Sheba Medical Center, Heart Institute Tel Hashomer, Israel	Staff Cardiologist
7.1990 - 7.1992	USC-LAC Medical Center, Cardiology Los Angeles, CA	Research Fellow
9.1988 - 7.1990	Sheba Medical Center, Heart Institute Tel Hashomer, Israel	Staff Cardiologist
4.1982 - 8.1988	Sheba Medical Center, Heart Institute Tel Hashomer, Israel	Resident
9.1980 - 3.1982	Hadassah Medical Center, Internal Medicine B Ein Kerem, Jerusalem	Resident
2.1976 - 1.1977	Sheba Medical Center Tel Hashomer, Israel	Intern

5. RESEARCH INTERESTS

A. Heart Failure

Organizer: Prof. Moshe Garty & myself - Member of the steering committee of HFSIS 2003 - The 1st national survey in hospitalized HF patients 3-4.2003

BNP in acute decompensated heart failure

Neurohormonal activation – heart failure, atrial fibrillation

Beta receptors in lymphocytes – ischemia, cardiomyopathy,

Isolated perfused heart – Preconditioning, acute ischemia, drug effects

The Israeli National Coordinator for EuroHeart Survey – Registry on Heart Failure

B. Cardiac problems in pregnancy

Arrhythmias, congenital heart disease, cardiovascular drugs, aortic Dissection

Myocarditis

Peripartum cardiomyopathy

Founder and Co-chairman of the 1st international meeting on Cardiac Problems in Pregnancy - CPP 2010 – 25-28/2/2010, Valencia, Spain

Co-chairman of the 2nd international meeting on Cardiac Problems in Pregnancy - CPP 2012 – 17-20/5/2012, Berlin, Germany

The Israeli National Coordinator for EuroHeart Survey – Registry on Pregnancy and Heart Disease

Additional

CAD and dyslipidemia – member of the coordinating team of the BIP (Bezafibrate Infarct Prevention) study

Epidemiology of CAD

Numerous clinical studies in coronary artery disease, acute coronary syndrome, stable angina, heart failure, atrial fibrillation, diabetes mellitus, DVT, pulmonary emboli and lipid modifying medications since 1982

6. TEACHING EXPERIENCE

Courses:

Rapoport Medical School, Technion

Medical students – Clinical course in cardiology
– ECG in Acute MI
– ACS in women
PBL – Acute MI
Internal medicine rotation
Foreign students – Heart Failure

Continuing education for physicians –

Anesthesiology Preoperative evaluation of cardiac patients
Geriatrics Heart Failure
Atrial Fibrillation
Acute Coronary Syndrome

Sackler Medical School, Tel Aviv University

Anesthesiology Preoperative evaluation of cardiac patients
Intensive care for nurses – cardiac, general, obstetrics, nephrology

Continuing education for physicians –

Cardiology – Heart Failure, CAD, Angina Pectoris,
Cardiac problems in pregnancy
Internal Medicine – Cardiology program - Organizer
Angina Pectoris, Heart Failure,
Cardiac problems in pregnancy
Family Medicine – Heart Failure, CAD, Angina Pectoris,
Nuclear Medicine – CAD, Heart Failure
Obstetrics & Gynecology – Cardiac problems in pregnancy
Cardiac Surgery – Heart Failure
Medical students – Preoperative evaluation of cardiac patients

Organizer of courses & numerous lectures in cardiology, lipidology, hypertension,
ACLS, electrocardiogram and physical diagnosis

Foreign physicians – ACLS guidelines (TAU & Magen David Adom)

Programs: Distant learning (via TV)
Continuing education for physicians – Tel Aviv Univ.

Internal Medicine – Heart Failure (twice)
Cardiac problems in pregnancy
Family Medicine – Heart Failure, CAD
Intensive care for nurses – cardiac, general, obstetrics, nephrology, HF program,
Nursing School – Hypertension, medications, CAD, HF

7. TECHNION ACTIVITIES

Medical students: Clinical course in cardiology
– ECG in Acute MI
– ACS in women
PBL – Acute myocardial infarction
Cardiology during internal medicine rotation
Heart failure lecture (American program)
MOR evaluation of new applicants
Final exam in Internal Medicine

Member of teaching clinical committee at Bruce Rappoport medical school;

8. PUBLIC PROFESSIONAL ACTIVITIES

1985 - 1990 – Heart to Heart Organization in Israel
CPR – chief guide (>100 courses)
Cardiologist in charge (1988-1990)
1987 - 1990 – Magen David Adom – Chief Cardiologist in charge of the
Mobile Intensive Care Units
1992 - 2001 – Member of the coordinating team of the Neufeld Cardiac
research center
1998 - 2004 – Member of coordinating team - Israeli working Group on
Epidemiology and Prevention
2000 - 2005 – Founder and secretary – Israeli Working Group on Heart Failure
1999 - 2003 – Editorial board – Internal Medicine Update
2002 - present – Member of the steering committee of HFSIS 2003 – the HF survey
in Israel

- 2006 - 2009 – National heart transplantation team – responsible for final donor selection when there is disagreement
- 2007 - 2009 – National heart transplantation team – official appointment by ministry of health responsible for status I determination
- 2008 - 2009 – Member of the national organ transplantation steering committee
- 2009 - present The Israeli National Coordinator for EuroHeart Survey – Registry on Pregnancy and Heart Disease
- 2010 Founder and Co-chairman of the 1st international meeting on Cardiac Problems in Pregnancy - CPP 2010, Valencia, Spain

9. MEMBERSHIP IN PROFESSIONAL SOCIETIES

NATIONAL

- 1988 Israeli Society of Cardiology
- 1997 Israeli Working Group on Intensive Care
Israeli working Group on Epidemiology and Prevention
Israeli Working Group on experimental
Experimental Cardiology and Research
- 2000 Israeli Working Group on Heart Failure – founder

INTERNATIONAL

- 2000 Heart Failure Society of America USA

10. HONORS

11. STUDENTS AND INSTRUCTION

(M.Sc./ D.Sc./ Ph.D.)

(Year of graduation, title of research, name of student, name of primary supervisor, names of additional supervisors).

Do not list names of students for whom you were only an advisor, or a substitute supervisor for less than an academic year.

MD Thesis

1. Dr. Eluk Gavriel – A comparative study of the influence of verapamil, isosorbide dinitrate and propranolol on global and regional left and right ventricular function at rest and during stress test in patients with anginal syndrome.
Instructors – Dr. A. Shotan, Prof. A. Battler
Published –Tel Aviv University, 1984.

2. Dr. Barkan Yael – Lymphocyte beta-2 adrenergic density in hypertrophic cardiomyopathy.
Instructors – Dr. A. Shotan, Prof. B. Rabinowitz
Published – Tel Aviv University, 1988.
3. Dr. Eisner Michal – Pregnancy and its outcome in women with congenital heart disease in Sheba Medical center, Tel Hashomer 1980-1996.
Instructors – Dr. A. Shotan, Dr. Y. Frenkel
Published – Tel Aviv University, 1997.
4. Dr. Jasmin Dagan – Clinical Features of acute coronary syndrome patients presenting with transient ST elevation myocardial infarction and complete ECG changes on admission: Prospective results of an initial aggressive anticoagulant and anti-aggregant therapy with an early invasive approach in comparison to patients with persistent ST elevation myocardial infarction
Instructors – Dr. S. Meisel, Dr. A. Shotan
Published – Technion, 2006
5. Evyatar Segev – Lung bioimpedance monitoring in acute myocardial infarction patients as a detector of the preclinical phase of acute heart failure and as an indicator for early treatment
Instructors – Dr. A. Shotan, Dr Michael Shochat
Published – Hebrew University, 2009.

Basic Science

12. RESEARCH GRANTS

13. SIGNIFICANT PROFESSIONAL PROJECTS

2002- Member of the committee of national HF survey of hospitalized patients 2003

2009- Co-chairman of “The First International Meeting on Cardiac Problems in Pregnancy” – 25-28.2.2010, Valencia, Spain

14. PUBLICATIONS

Theses

Refereed papers in professional journals:

- **Published papers**

Basic research

1. Arad M, Shotan A, Horowitz L, Klein R, Rabinowitz B:
Effects of captopril on metabolic and hemodynamic alterations in global ischemia and reperfusion in the isolated working rat heart.
J Cardiovasc Pharmacol 19:319-323,1992
2. Arad M, Shotan A, Heller M, Rabinowitz B, Uretzki G:
In vivo assessment of the inotropy and toxic effects of oxidized ouabain.
Basic Res Cardiol 88:42-51, 1993
3. Rabinowitz R, Arad M, Shotan A, Klein R, Har Zahav Y, Elazar E:
Effects of brief and prolonged ischemia on eicosanoid synthesis in dog and rat hearts.
J Basic Clin Physiol Pharmacol 6:39-52;1995

Clinical Research

1. Rabinowitz B, Katz A, Shotan A, Chouraqui P, Neufeld HN:
Hemodynamic effects of intravenous isosorbide 5-mononitrate in acute and chronic left heart failure of ischemic aetiology.
Eur Heart J 9(Suppl A):175-180, 1988
2. Shotan A, Mehra A, Elkayam U:
Nifedipine-mediated clinical deterioration in chronic heart failure.
Cardiology Board Review 8:24-35, 1991
3. Elkayam U, Roth A, Mehra A, Ostrzega E, Shotan A, Kulick D, Jamison M, Johnson J, Rahimtoola SH:
Randomized study to evaluate the relationship between oral isosorbide dinitrate dosing interval and the development of early tolerance to its effect on left ventricular filling pressure in patients with chronic heart failure.
Circulation 84:2040-2048, 1991
4. Elkayam U, Mehra A, Shotan A, Ostrzega E:
Nitrate resistance and tolerance: potential limitations in the treatment of congestive heart failure.
Am J Cardiol 70:98B-104B, 1992
5. Mehra A, Ostrzega E, Shotan A, Johnson J, Elkayam U:
Persistent hemodynamic effects of isosorbide dinitrate in patients with chronic heart failure already treated with angiotensin converting enzyme inhibition.
Am J Cardiol 70:1310-1314, 1992

6. Shotan A, Mehra A, Ostrzega E, Hseuh W, Do YS, Fisher DA, Hurst A, Johnson JV, Elkayam U:
Evaluation of plasma cyclic guanosine monophosphate in patients with chronic severe heart failure: hemodynamic and neurohormonal correlations and response to nitrate therapy.
Clin Pharmacol Ther 54:638-644, 1993
7. Roth A, Shotan A, Elkayam U:
A randomized comparison between the hemodynamic effects of hydralazine and nitroglycerin alone and in combination at rest and during isometric exercise in patients with chronic mitral regurgitation.
Am Heart J 125:155-159, 1993
8. Mehra A, Shotan A, Ostrzega E, Hseuh W, Vasquez-Johnson J, Elkayam U:
Potentiation of isosorbide dinitrate effects with n-Acetylcysteine in patients with chronic heart failure.
Circulation 89:2595-2600, 1994
9. Behar S, Boyko V, Benderly M, Mandelzweig L, Graff E, Reicher-Reiss H, Schneisder H, Shotan A, Balkin J, Goldbourt U, for the BIP study group:
Asymptomatic hyperglycemia in coronary heart disease: frequency and associated lipid and lipoprotein levels in the Bezafibrate Infarction Prevention (BIP) study.
J Cardiovasc Risk 2:241-246,1995
10. Mehra A, Shotan A, Ostrzega E, Vasquez-Johnson J, Elkayam U:
Escalating nitrate dose overcomes early attenuation of hemodynamic effect caused by nitrate tolerance in patients with heart failure.
Am Heart J 130:798-805;1995
11. Arad M, Elazar E, Shotan A, Klein R, Rabinowitz R:
Measurement of brain natriuretic peptide in ischemic heart disease patients with and without heart failure.
Cardiology 87:12-17;1996
12. Braun S, Boyko V, Behar S, Reicher-Reiss H, Shotan A, Schlesinger Z, Rosenfeld T, Palant T, Friedensohn A, Laniado S, Goldbourt U, on behalf of the Bezafibrate Infarction Prevention (BIP) study group:
Calcium antagonists and mortality in patients with coronary artery disease: A cohort study of 11,575 patients.
J Am Coll Cardiol 27:7-11;1996
13. Yonash M, Reicher-Reiss H, Shotan A, Goldbourt U, Boyko V, Benderly M, Behar S, for the Bezafibrate Infarction Prevention (BIP) study group:
The prognostic significance of beta blocker therapy in diabetic patients with coronary artery disease.
Am J Cardiol 77:1273-1277;1996

14. Shotan A, Ostrzega E, Mehra A, Johnson J, Parikh S, Elkayam U:
Incidence of arrhythmias in normal pregnancy and relation to palpitations, dizziness and syncope.
Am J Cardiol 79:1061-1064;1997
15. Behar S, Goldbourt U, Graff E, Reicher-Reiss H, Boyko V, Benderly M, Shotan A, Brunner D, for the Bezafibrate Infarction Prevention (BIP) study group:
Low total cholesterol is associated with high total mortality in patients with coronary artery disease.
Eur Heart J 18:52-59;1997
16. Reicher-Reiss H, Jonash M, Boyko V, Shotan A, Mandelzweig L, Goldbourt U, Behar S, for the Bezafibrate Infarction Prevention study group:
Mortality benefits of beta blocking agents for diabetics with coronary artery disease.
Cardiol Review 14:43-46;1997
17. Shotan A, Brill Z, Matezki S, Shachar A, Feigenberger Z, Hod H, Kaplinski E, Rabinowitz B:
Pain scoring – a method for assessing acute anti-anginal therapy. Comparison of sublingual administration of isosorbide dinitrate tablets, isosorbide dinitrate spray and 10 randomized 10 in spray in patients with unstable angina.
Cardiology 89:163-169;1998
18. Haim M, Shotan A, Boyko V, Reicher-Reiss H, Benderly M, Goldbourt U, Behar S for the BIP study group:
Effect of Beta-blocker therapy in patients with coronary artery disease in New York Heart Association functional classes II and III. The Bezafibrate Infarction Prevention (BIP) Study Group.
Am J Cardiol. 81:1455-1460;1998
19. Hurst A, Shotan A, Hoffman K, Johnson J, Goodwin TM, Koda R, Elkayam U:
Pharmacokinetic and pharmacodynamic evaluation of atenolol during and after pregnancy.
Pharmacotherapy 18:840-846;1998
20. Reicher-Reiss H, Jonash M, Boyko V, Shotan A, Mandelzweig L, Goldbourt U, Behar S, for the Bezafibrate Infarction Prevention study group:
Prognostic significance of cerebrovascular disease in 11,526 chronic coronary artery disease patients. Bezafibrate Infarction Prevention (BIP) Study Group.
Am J Cardiol 82:1532-1535;1998
21. Reicher-Reiss H, Jonash M, Boyko V, Shotan A, Goldbourt U, Behar S:
Are coronary patients at higher risk with digoxin therapy? An ongoing controversy.
Int J Cardiol 68:137-143;1999

22. Tenenbaum A, Fisman EZ, Boyko V, Goldbourt U, Graff E, Shemesh J, Shotan A, Reicher-Reiss H, Behar S, Motro M:
Hypertension in diet versus pharmacologically treated diabetics: Mortality over a 5-year follow-up
Hypertension 33:1002-1007;1999
23. Elkayam U, Johnson JV, Shotan A, Bokhari S, Solodky A, Canetti M, Wani OR, Karaalp IS:
Double-blind, placebo-controlled study to evaluate the effect of organic nitrates in patients with chronic heart failure treated with angiotensin converting enzyme inhibition.
Circulation 99:2652-2657;1999
24. Tenenbaum A, Fisman EZ, Boyko V, Goldbourt U, Graff E, Shemesh J, Shotan A, Reicher-Reiss H, Behar S, Motro M:
Prevalence and prognostic significance of systemic hypertension in patients with diabetes mellitus and healed myocardial infarction and/or stable angina pectoris
Am J Cardiol 84:294-298;1999
25. The BIP Study Group:
Secondary prevention by raising HDL-cholesterol and reducing triglycerides in patients with coronary artery disease: The Bezafibrate Infarction Prevention (BIP) Study
Circulation 102:21-27;2000
26. Gottlieb S, Harpaz D, Shotan A, Boyko V, Leor J, Cohen M, Mandelzweig L, Mazouz B, Stern S, Behar S, for the Israeli Thrombolytic Survey Group:
Sex differences in management and outcome after acute myocardial infarction in the 1990s. A prospective observational community-based study.
Circulation 102:2484-2490;2000
27. Schneiderman J, Morag B, Gerniak A, Rimon U, Varon D, Seligsohn U, Shotan A, Adar R:
Abciximab in carotid stenting for postsurgical carotid restenosis: intermediate results.
J Endovasc Ther 7:263-272;2000
28. Gottlieb S, Harpaz D, Shotan A, Leor J, Boyko V, Cohen M, Mandelzweig L, Mazouz B, Stern S, Behar S, for the Israeli Working Group on Intensive Cardiac Care, Israel Heart Society:
Are there sex differences in the management and outcome of patients with acute myocardial infarction in the 1990s in Israel.
J Israel Heart Soc 11:10-14;2001

29. Shotan A, Gottlieb S, Goldbourt U, Boyko V, Reicher-Reiss H, Arad M, Mandelzweig L, Hod H, Kaplinsky E, Behar S, for the SPRINT Study Group and the Israeli Thrombolytic Survey Group:
Prognosis of patients with a recurrent myocardial infarction before and after the reperfusion era – A national study.
Am Heart J 141:478-484;2001
- 29a. Shotan A, Gottlieb S, Goldbourt U, Boyko V, Reicher-Reiss H, Arad M, Mandelzweig L, Hod H, Kaplinsky E, Behar S, for the SPRINT Study Group and the Israeli Working Group on Intensive Cardiac Care, Israel Heart Society:
Prognosis of patients with a recurrent myocardial infarction before and in the reperfusion era.
J Israel Heart Soc 11:19-22;2001
30. Elkayam U, Tummala PP, Rao K, Akhter MW, Karaalp IS, Wani OR, Hameed A, Gviazda I, Shotan A:
The outcome of Subsequent pregnancies in Women with peripartum cardiomyopathy.
New Engl J Med 344:1567-1571;2001.
31. Arad M, Shotan A, Weinberger A, Aurbach I, Rabinowitz B:
Plasma atrial natriuretic peptide levels for predicting the outcome of atrial fibrillation.
Cardiology 95:74-79;2001.
32. Tanne D, Benderly M, Goldbourt U, Boyko V, Brunner D, Graff E, Reicher-Reiss H, Shotan A, Mandelzweig L, Behar S:
A prospective study of plasma fibrinogen levels and the risk of stroke among participants in the bezafibrate infarction prevention study.
Am J Med 111:457-463;2001
33. Tanne D, Shotan A, Goldbourt U, Haim M, Boyko V, Adler Y, Mandelzweig L, Behar S:
Severity of angina pectoris and risk of ischemic stroke
Stroke 33:245-250; 2002
34. Tenenbaum A, Motro M, Fisman EZ, Boyko V, Mandelzweig L, Shotan A, Behar S:
Does participation in a long-term clinical trial lead to survival gain for patients with coronary artery disease?
Am J Med 112:545-548;2002
35. Goldenberg I, Jonas M, 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 163:2301-2305;2003
36. Gottlieb S, Leor J, Shotan A, Harpaz D, Boyko V, Rott D, Mandelzweig L, Behar S:
Comparison of effectiveness of angiotensin-converting enzyme inhibitors after acute myocardial infarction in diabetic versus nondiabetic patients
Am J Cardiol 92:1020-1025;2003

37. Meisel S, Shochat M, Sheikha SA, Osipov A, Kogan A, Anabussi N, Suari B, Frimerman A, Shotan A, Sahar G, Peled B:
Utilization of low-profile intra-aortic balloon catheters inserted by the sheathless technique in acute cardiac patients: clinical efficacy with a very low complication rate.
Clin Cardiol 27:600-604;2004
38. Elkayam U, Akhter MW, Singh H, Khan S, Bitar P, Hameed A, Shotan A:
Pregnancy Associated cardiomyopathy: clinical characteristics and a comparison between early and late presentation
Circulation 111:2050-2055;2005
39. Blondheim DS, Osipov A, Meisel SR, Friemerman A, Shochat M, Shotan A:
Relation of left atrial size to function as determined by transesophageal echocardiography
Am. J Cardiol 96:457-463;2005.
40. Meisel SR, Frimerman A, Osipov A, Shotan A, Blondheim DS, Pelled B, Shani J:
Efficacy and Safety of Contrast Injection Beyond Total Occlusions in Acute Cardiac Patients: A Method to Confirm Balloon Position within Coronary Lumen.
J Invasive Cardiol. 17:455-458;2005
41. Mazur A, Meisel S, Shotan A, Strasberg B:
The mechanism of sudden death in the Wolff-Parkinson-White syndrome
J Cardiovasc Electrophysiol. 16:1393; 2005
42. Shochat M, Charach G, Meyler S, Kazatzker M, Mosseri M, Frimerman A, Rabinovich, Shotan A, Meisel M:
Internal thoracic impedance monitoring: a novel method for the preclinical detection of acute heart failure.
Cardiovasc Revasc Med 7:41-45;2006
43. Barsheshet A, Garty M, Grossman E, Sandach A, Lewis BS, Gottlieb S, Shotan A, Behar S, Caspi A, Schwartz R, Tenenbaum A, Leor J:
Admission blood glucose level and mortality among hospitalized nondiabetic patients with heart failure.
Arch Intern Med 166:1613-1619;2006
44. Jotkowitz AB, Porath A, Shotan A, Mittelman M, Grossman E, Zimlichman R, Lewis BS, Caspi A, Gottlieb S, Garty M, for the steering committee of the Israeli Heart Failure National Survey 2003:
Adherence to Guidelines for patients hospitalized with heart failure: A national survey.
Isr Med Assoc J 8:875-879;2006
45. Garty M, Shotan A, Gottlieb S, Mittelman M, Porath A, Lewis BS, Grossman E, Behar S, Leor J, Green MS, Zimlichman R, Caspi A, for the HFSIS steering committee and investigators:
The management, early and one year outcome in hospitalized patients with heart failure: A national heart failure survey in Israel.
Isr Med Assoc J 9:227-233;2007

46. Lewis BS, Shotan A, Gottlieb S, Behar S, Halon DA, Boyko V, Leor J, Grossman E, Zimlichman R, Porath A, Mittelman M, Caspi A, Garty M, for the HFSIS investigators:
Late mortality and determinants in patients with heart failure and preserved systolic left ventricular function: The Israel nationwide heart failure survey.
Isr Med Assoc J 9:234-238;2007
47. Blondheim DS, Kazatsker M, Friedman Z, Lysyansky P, Meisel SR, Asif A, Smirin N, Shotan A:
Effect of medical therapy for heart failure on segmental myocardial function in patients with ischemic cardiomyopathy.
Am J Cardiol 99:1741-1744;2007
48. Meisel SR, Dagan Y, Blondheim DS, Dacca S, Shochat M, Kazatsker M, Asif A, Frimerman A, Shotan A:
Transient ST-elevation myocardial infarction: Clinical course with intense medical therapy and early invasive approach, and comparison with persistent ST-elevation myocardial infarction.
Am Heart J 155:848-854;2008
49. Garty M, Cohen E, Zuchenko A, Behar S, Boyko V, Iakobishvili Z, Mittelman M, Battler A, Shotan A, Gottlieb S, Caspi A, Hasdai D; Heart Failure Survey in ISrael (HFSIS) Investigators.
Blood transfusion for acute decompensated heart failure--friend or foe?
Am Heart J 158:653-658; 2009
50. Shotan A, Garty M, Blondheim DS, Meisel SR, Lewis B, Shochat M, Grossman E, Porath A, Boyko V, Zimlichman R, Caspi A, Gottlieb S, for the HFSIS Steering Committee and Investigators:
Atrial fibrillation and long-term prognosis in patients hospitalized for heart failure: results from Heart Failure Survey in Israel (HFSIS)
Eur Heart J 31:309-317; 2010
51. Gottlieb S, Behar S, Schwartz R, Harpaz D, Shotan A, Zahger D, Hod H, Tzivoni D, Moriel, MD[§], for the Israeli Working Group on Intensive Cardiac Care, Israel Heart Society:
Age Differences in the Adherence to Treatment Guidelines and Outcome in Patients with ST-Elevation Myocardial Infarction
Archive of Gerontology and Geriatrics 2010
52. Meisel SR, Shochat M, Frimerman A, Asif A, Blondheim DS, Shani J, Rozenman Y, Shotan A:
Collateral pressure and flow in acute myocardial infarction with total coronary occlusion correlate with angiographic collateral grade and creatine kinase levels.
Am Heart J 159:764-771;2010.

53. Barsheshet A, Shotan A, Cohen E, Garty M, Goldenberg I, Sandach A, Behar S, Zimlichman E, Lewis BS, Gottlieb S; for the HFSIS Steering Committee and Investigators:
Predictors of long-term (4-year) mortality in elderly and young patients with acute heart failure.
Eur J Heart Fail 12:833-840;2010
54. Vigder C, Ben Israel Y, Meisel SR, Kaykov E, Gottlieb S, Shotan A:
Management and 1-Year Outcome of Oldest Old Hospitalized Heart Failure Patients: A Subacute Geriatric Hospital Survey
Isr Med Assoc J 12:483-488;2010
55. Shotan A, Blondheim DS, Gottlieb S, Kazatsker M, Frimerman A, Shochat M, Garty M, Boyko V, Behar S, Simcha R Meisel SR, for the Working Group on Intensive Cardiac Care, Israel Heart Society and the Working Group on Intensive Cardiac Care, Israel Heart Society, and Acute Coronary Syndrome Israeli Survey investigators:
Comparison of Outcome of Recurrent versus First ST-elevation Myocardial Infarction (From National Israel Surveys 1998 to 2006)
Am J Cardiol 107:1730-1737;2011
56. Shochat M, Shotan A, Trachtengerts V, Blondheim DS, Kazatsker M, Gurovich V, Asif A, Shochat I, Rozenman Y, Meisel SR:
A Novel Radiological Score to Assess Lung Fluid Content during Evolving Acute Heart Failure in the Course of Acute Myocardial Infarction.
Acute Card Care 13:81-86;2011
57. Greenberg G, Cohen E, Garty M, Iakobishvili Z, Sandach A, Behar S, Shotan A, Gottlieb S, Mager A, Battler A, Hasdai D:
Outcomes of acute heart failure associated with acute coronary syndrome versus other causes.
Acute Card Care 13:87-92;2011
58. Iakobishvili Z, Cohen E, Garty M, Behar S, Shotan A, Sandach A, Gottlieb S, Mager A, Battler A, Hasdai D:
Use of intravenous morphine for acute decompensated heart failure in patients with and without acute coronary syndromes.
Acute Card Care 1376-1380;2011
59. Meisel SR, Shochat M, Frimerman A, Asif A, Blondheim DS, Shani J, Rozenman Y, Shotan A:
Novel Acute Collateral Flow Index in Patients With Total Coronary Artery Occlusion During ST-Elevation Myocardial Infarction.
Circ J 76:414-422;2012

60. Shochat M, Shotan A, Blondheim DS, Kazatsker M, Dahan I, Asif A, Shochat I, Rabinovich P, Rozenman Y, Meisel SR:
Usefulness of Lung Impedance-Guided Pre-emptive Therapy to Prevent Pulmonary Edema During ST-Elevation Myocardial Infarction and to Improve Long-Term Outcomes.
Am J Cardiol. 2012;110:190-196.
61. Meisel SR, Januzzi JL, Medvedovski M, Sharist M, Shochat M, Ashkar J, Peschansky P, Shmuel Bar Haim S, Blondheim DS, Glikson M, Shotan A:
Pre-admission NT-proBNP improves diagnostic yield and risk stratification - the NT-proBNP for Evaluation of dyspnoeic patients in the Emergency Room and hospital (BNP4EVER) study.
Eur Heart J - Ac Cardiovasc Care 2012;1: 99-108
62. Meisel SR, Frimerman A, Blondheim DS, Shotan A, Asif A, Shani J, Rozenman Y, Shochat M:
Relation of the Systemic Blood Pressure to the Collateral Pressure Distal to an Infarct-Related Coronary Artery Occlusion During Acute Myocardial Infarction.
Am J Cardiol 2012 Nov 22. [Epub ahead of print]

Accepted (or in press) papers –

1. Oster O, Cohen E, Hoffman M, Benderly M, Shotan A, Mittelman M:
CHF and anemia: results from HFSIS 2003.
IMAJ 2013

Submitted for Publication:

1. Topaz M, Kazatsker M, Oron Y, Keren G, Carmel NN, Silberman A, Topaz G, Meisel SR, Frimerman A, Blondheim DS, Shotan A:
A novel therapeutic system for salvage of infected cardiovascular implantable electronic devices
N Engl J Med
2. Blondheim DS, Medvedovsky M, Asif A, Meisel SR, Schochat M, Frimerman A, Shotan A, Vasilenko L, Ashkar J:
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- 1999 Japanese Circulation Society. Tokyo, Japan.
- 2000 Israeli Congress of General Practice-Family Medicine, Tel Aviv, Israel
- 2000 The Annual meeting of The Israeli Society of Internal Medicine, Eilat, Israel
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- 2001 The 3rd International Symposium on perioperative Cardiac Care, Tel Aviv, Israel
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- 2004 HFSIS Results Presentation. Ramat Gan, Israel
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- 2004 American Heart Association. New Orleans, Louisiana.
- 2005 American Heart Association. Dallas, Texas
- 2006 Israeli Society of Cardiology. Tel Aviv, Israel
- 2007 1st National convention on cardiovascular diseases. Tel Aviv, Israel
- 2008 Israeli Society of Cardiology. Tel Aviv, Israel
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J Card Fail 8(Suppl):343;2012

Refereed papers in conference proceedings

(Include all co-authors in the order they appear on the paper, title of paper, title of publication, publisher, first and last pages, and year; do not list abstracts)

Participation in organizing conferences

(Conference title, location, date, organizational function)

Organizer and co-chairman of the 1st international meeting in cardiac problems in pregnancy (CPP) 2010 – 25-28/2/2010 – Valencia, Spain

Co-chairman of the 2nd international meeting on Cardiac Problems in Pregnancy - CPP 2012 – 17-20/5/2012, Berlin, Germany

16. SPECIAL PROFESSIONAL ACTIVITIES

The Israeli National Coordinator for EuroHeart Survey – Registry on Pregnancy and Heart Disease

The Israeli National Coordinator for EuroHeart Survey – Registry on Heart Failure