

CURRICULUM VITAE

NAME: JACOB KLEIN, M.D.

DATE of BIRTH: January 29, 1951

PLACE of BIRTH: Afula, Israel

CITIZENSHIP: Israeli

MARITAL STATUS: Married

SOCIAL SECURITY #: 554-97-0544 USA

ISRAELI ID #: 050453190

LICENSE: M.D. #13110 , Date: 27.2.1977
Cardiology Board Certification - #09661, Date: 20.4.1987

WORK ADDRESS: Shaare Zedek Medical Center
Department of Cardiology
Director, Cardiac Rehabilitation Institute
P.O Box 3235 Jerusalem, Israel
Phone#: +972-2-6555974/5, 6555913, 0508-685913
FAX#: 972-2-6555437
E-MAIL: kleinj@szmc.org.il , klein_jacob@yahoo.com

HOME ADDRESS: 6/2 Bajayo St. Ganey Katamon, Jerusalem 93145, Israel
Home Phone#: +972-2-5618465

EDUCATION AND TRAINING:

7/1988-12/1991 Clinical Research Fellowship in Preventive Cardiology, and Cardiac Rehabilitation. Cedars-Sinai Medical Center, Affiliated to University of California Los Angeles, California. Alan Rozanski, MD, FACC - Director.

EDUCATION AND TRAINING (cont'):

7/1988-11/1991	Fellowship in Nuclear Cardiology, Cedars-Sinai Medical Center, Affiliated to University of California, Los Angeles, California. Dan Berman, MD, FACC - Director.
7/1989-12/1991	Visiting Assistant Professor of Medicine, University of California, Los Angeles, CA
7/1987-6/1988	Research Cardiologist, Cardiology Section, Long Beach VA Medical Center affiliated to University of California, Irvine, California Victor F Froelicher, MD, FACC - Director.
1988	Israeli Board Certified Cardiologist
1983-1987	Fellowship in Cardiology. Bikur Cholim Hospital Heiden Department of Cardiology, affiliated to the Hebrew University - Hadassah Medical School - Jerusalem, Israel.
1982-1987	Instructing Medicine and Cardiology. The Hebrew University - Hadassah Medical School - Jerusalem.
1982-1983	Residency - Internal Medicine, Bikur Cholim Hospital Jerusalem, affiliated to the Hebrew University.
1982-1982	Residency, Internal Medicine, Shaare Zedek Medical Center, Jerusalem.
1977-1981	Military Service (Medical Officer)
1977	M.D. Degree
1976	Rotating Internship, Shaare-Zedek Medical Center - Jerusalem, affiliated to the Hebrew University
1969-1976	Medical student, the Hebrew University Hadassah Medical School Jerusalem - Israel

APPOINTMENTS:

2/1994-present	Senior Cardiologist, Department of Cardiology, and - Director, Cardiac Rehabilitation and Prevention Institute. Director, The Heart Wellness Center Director, Athlete Evaluation and Screening Institute Shaare Zedek Medical Center, Jerusalem. Affiliated with the Hebrew University School of Medicine, Jerusalem
1998-present	Cardiology Consultant for Departments of: Obstetrics and Gynecology, Hematology, Oncology, and Orthopedics
12/1991-1/1994	Senior Cardiologist, Cardiac Rehabilitation Institute, The Haim Sheba Medical Center. Affiliated to the Tel Aviv University Sackler School of Medicine.
2/1987-7/1987	Associate Cardiologist, Department of Cardiology, Bikur Cholim Hospital, Jerusalem. Affiliated to the Hebrew University.

MEMBERSHIP and activities IN SCIENTIFIC SOCIETIES:

1997	Council member in the working group committee of Cardiac Rehabilitation - the Israeli Heart Society
1976	Israel Medical Association
1987	The Jerusalem Cardiology Society
1990	American Association of Cardiovascular and Pulmonary Rehabilitation - AACVPR
1992	Israel Heart Society Fellow
1992	American College of Cardiology – FACC #610682
2001	European Society of Cardiology – Fellow ESC
2002 – 2004	General Secretary of the Working Group on Cardiac Rehabilitation – the Israel Heart Society
9/2004	Abstract Reviewer for ACC Scientific meeting 2005 on

Exercise Physiology and Testing / Cardiac Rehabilitation

2004-present

**Member of Committee on Prevention of Heart Disease -
Israel Heart Association**

2005-2009

**Chairman, Working Group on Cardiac Rehabilitation – Israel
Heart Association**

2017-present

**Chairman, Working Group on Cardiac Rehabilitation – Israel
Heart Association**

HONORS AND AWARDS:

The Save a Heart Foundation Fellowship in Preventive
Cardiology 1988-1991

RESEARCH STUDIES/GRANTS:

ACTION study - Nifedipine Vs. Placebo - BAYER
Principal investigator- SZMC

SAGE study – Investigator - Pfizer

LIST OF PUBLICATIONS – PEER –REVIEWED**MANUSCRIPTS:**

1. Klein J: MD Thesis: Hemodynamic Measurements with the Swan-Ganz Catheter in Acute Cardiorespiratory Conditions. The Hebrew University - Hadassah Medical School, 1977.
2. Keren A, Klein Y (J), Stern S: Adult respiratory distress syndrome in the course of acute myocardial infarction. Chest 1980;77:161-164.
3. Tzivoni D, Gottlieb S, Keren A, Benhorin J, Chenzbraun A, Klein J, Stern S: Early right atrial pacing after myocardial infarction II - results in 77 patients with predischARGE angina pectoris, congestive heart failure of age older than 70 years. Am J Cardiol 1984;53:418-420.
4. Dubach P, Froelicher VF, Klein J, Oakes D, Grover-McKay M, Friis R: Exercise - induced hypotension in veteran population - criteria, causes, and prognosis. Circulation 1988;78:1380-1387.
5. Froelicher VF, Duarte G, Oakes D, Klein J, Dubach P, Janosi A: Prognostic value of the exercise test. Disease A Month, November 1988.
6. Tzivoni D, Gottlieb S, Klein J: Identification of low risk post-infarction patients. Cardiologia 1986 Sep; 31 (9): 635-9.
7. Dubach P, Froelicher VF, Klein J, Detrano R: The use of exercise test to predict prognosis after coronary artery bypass surgery. Am J Cardiol 1989;63:530-533
8. Klein J, Froelicher VF, Detrano R, Dubach P, Yen R: Does the resting ECG Post MI determine the predictive value of exercise - induced ST Depression? A two year follow-up in a veteran population. J Am Coll Cardiol 1989;14:305-11
9. Callahan P, Froelicher V, Klein J, Rich M, Dubach P, Friis R: Exercise Induced Silent Ischemia: Age, Diabetes Mellitus, Previous Myocardial Infarction and Prognosis. J Am Coll Cardiol 1989;14:1175-80
10. Keren A, Goldberg S, Gottlieb S, Klein J, Schuger C, Medina A, Tzivoni D, Stern S: Natural History of Left Ventricular Thrombi: Their Appearance and Resolution in The Post Hospitalization Period of Acute Myocardial Infarction. J Am Coll Cardiol 1990;15 (4): 790-800

11. Klein J, Rodrigues EA, Berman DS, Prigent F, Chao S, Maryon T, Rozanski A: Prevalence and Functional Significance of Transient ST-Segment Depression During Daily Life Activity: Comparisons of Ambulatory ECG to Stress Redistribution Thallium-201 Single Photon Emission Computed Tomographic Imaging. *Am Heart J* 1993;125:1247-1257
12. Klein J, Chao S, Berman DS, Rozanski A: Is Silent Myocardial Ischemia Really As Severe As Symptomatic Ischemia? The Analytical Effect of Patient Selection Biases. *Circulation* 1994;89:1958-1966.
13. Krantz DS, Gabbay FH, Hedges SM, Klein J, Nebel LE, Helmers KF, Patterson S, Gottdiner JS, Rozanski A: Behavioral Triggers of Silent and Symptomatic Myocardial Ischemia. *J of Cardiovascular Electrophysiology* 1991;2:S86-S91.
14. Klein J, Chao S, Berman DS, Rozanski A: Pathophysiological Factors Governing the Variability of Ischemic Responses to Treadmill and Bicycle Exercise. *Am Heart J* 1994;128:948-55.
15. Helmers KF, Krantz DS, Merz CN, Klein J, Kop WJ, Gottdiner JS, Rozanski A: Defensive hostility: Relationship to multiple markers of cardiac ischemia in patients with coronary disease. *Health Psychol.* 1995;14(3):202-9.
16. Helmers KF, Krantz DS, Howell RH, Klein J, CN Bairey, Rozanski A: Hostility and Myocardial Ischemia in Coronary Artery Disease Patients: Evaluation By Gender and Ischemic Index. *J Psychosomatic Medicine* 1993;55:29-36.
17. Krantz DS, Hedges SM, Gabbay FH, Klein J, Mertz CNB, Falconer JJ, Gottdiner JS, Luts H, Rozanski A: Triggers of Angina and ST Depression in Ambulatory Coronary Artery Disease Patients: Evidence for an Uncoupling of Angina and Ischemia. *Am Heart J* 1994;128(4):703-12.
18. Moriel M, Rozanski A, Klein J, Berman DS, Bairey Merz CN. The Limited Efficacy of Exercise Radionuclide Ventriculography in Assessing Prognosis of Women with Coronary Artery Disease. *Am J Cardiol* 1995;76:1030-1035
19. Gottdiner JS, Krantz DS, Howell RH, Hecht G, Klein J, Falconer JJ, Rozanski A: Induction of Silent Myocardial Ischemia With Mental Stress Testing: Relationship to the Triggers of Ischemia During Daily Life Activities and to Ischemic Functional Severity. *J J Am Coll Cardiol* 1994;24:1645-51

20. Mady Moriel, Alan Rozanski, Jacob Klein, Daniel S. Berman, C. Noel Bairey Merz.

The differing prognostic utilities of exercise radionuclide ventriculography in coronary artery disease patients with and without prior myocardial infarction. *International Journal of Cardiac Imaging* 1997;13:403-413.

21. Moriel M, Rozanski A, Klein J, Berman DS, Bairey Merz CN. The Differing Prognostic Utilities of Exercise Radionuclide Ventriculography in Coronary Artery Disease Patients With and Without Prior Myocardial Infarction or unstable angina. *Am J Cardiol*, 1996;77:798-804

21. Gabbay FH, Krantz DS, Kop WJ, Klein J, Hedges SM, Gottdiener JG, Rozanski A: Triggers of Myocardial Ischemia During Daily Life in Patients With Coronary Artery Disease: Physical and Mental Activities, Anger, and Smoking. *J Am Coll Cardiol* 1996;27:585-92

22. Bairey Merz CN, Moriel M, Rozanski A, Klein J, Berman DS: Gender-Related Differences in Exercise Ventricular Function among healthy and diseased subjects. *Am Heart J* 1996;131:704-709

23. Pardo Y, Bairey Merz CN, Paul-Labrador M, Velasquez I, Gottdiener JS, Kop WJ, Krantz DS, Rozanski A, Klein J, Peter T: Heart Rate Variability Reproducibility and Stability Using Commercially Available Equipment in Coronary Artery Disease with Daily Life Myocardial Ischemia. *Am J Cardiol* 1996;78:866-870

24. Krantz DS, Kop WJ, Gabbay FH, Rozanski A, Barnard M, Klein J, Pardo Y, Gottdiener JS. Circadian Variation of Ambulatory Myocardial Ischemia: Triggering by Daily Activities and Evidence for an Endogenous Circadian Component. *Circulation* 1996;93:1364-1371

25. Bairey Merz CN, Felando MN, Klein J. Cholesterol awareness and treatment in patients with coronary artery disease participating in cardiac rehabilitation. *J Cardiopulm Rehabil* 1996;16(2):117-22

26. Tzivoni D, Klein J. Improvement of myocardial ischemia by lipid-lowering drugs. *Eur H J* 1998;19:230-234

27. Tzivoni D, Klein J, Hisdai D, Roth A: The cardiac patient and sexual activity in the era of sildenafil (Viagra). *IMAJ* 2000;2:63-65

28. Klein R, Bar-On E, Klein J, Benbenishty R: Therapeutic Aspects in Coronary Cardiac Patients who Suffer from Sexual Dysfunction in Cardiac Rehabilitation Program. *Harefuah* 2006;145(5):322-325

29. Klein R, Bar-On E, Klein J, Benbenishty R: The impact of sexual therapy on patients after cardiac events participating in a cardiac rehabilitation program. *European Journal of Cardiovascular Prevention & Rehabilitation*: 2007;14(5): 672-678
30. Rokach A, Arish N, Romem A, Azulai H, Klein J, Bertisch M, Natan H, Saleh S, Baron L, Izbicki G.
Going forward--five years experience in pulmonary rehabilitation
Harefuah. 2014 Dec;153(12):723-6, 752

LIST OF PUBLICATIONS - ABSTRACTS:

1. Keren A, Schuger C, Gottlieb S, Klein J, Benhorin J, Tzivoni D, Stern S: LV thrombus in patients recovering from acute myocardial infarction. ISR. Med J. February 1986
2. Keren A, Klein J, Gottlieb S, Schuger C, Tzivoni D, Stern S. Left ventricular thrombi in acute myocardial infarction: A long term clinical and echocardiographic follow-up study. Circulation 1986;74(4):II-506.
3. Banai S, Tzivoni D, Schuger C, Benhorin J, Klein J, Chenzbraun A, Keren A, Stern S.:Effectiveness of magnesium sulfate in torsade de pointes: A study of 9 patients. J Am Coll Cardiol 1987;9(2):244A.
4. Callaham P, Dubach P, Klein J, Rich M, Froelicher VF. Prognostic significance of silent myocardial ischemia discovered during exercise testing. J Am Coll Cardiol 1988;11(2):24A.
5. Klein JM, Froelicher VF, Yen R. Can high risk non Q-wave myocardial infarction patients be identified by predischarge exercise testing? Circulation 1988;2(4):107
6. Dubach P, Klein J, Froelicher VF: Which definition of exertional hypotension should be used to identify patients at increased risk: Circulation 1988;2(4):109
7. Klein JM, Froelicher VF, Dubach P. The effect of the pre-exercise ECG on the prognostic value of the exercise ECG response after myocardial infarction. Circulation 1988;2 (4) 245.
8. Dubach P, Froelicher V, Klein J, Detrano R: The use of exercise test to predict prognosis after coronary artery bypass surgery. J Am Coll Cardiol 1989;13(2):183A
9. Klein J, Rodrigues E, Berman D, Bellil D, Rahimizadeh H, Haendchen L, Maryon T, Chao S, Rozanski A: Prevalence of Holter ST Depression in Nuclear Cardiology Referral Population. Circ 1989;80(4):II-208
10. Klein J, Rodrigues E, Berman B, Bellil D, Haendchen L, Rahimizadeh H, Chao S, Maryon T, Rozanski A: Exercise and Tl-201 SPECT Correlates of Ambulatory ECG Indices of Ischemia. Circulation 1989;80(4):II-248

LIST OF PUBLICATIONS - ABSTRACTS (cont'd)

11. Klein J, Rodrigues E, Berman D, Bellil D, Prigent F, Haendchen L, Rahimizadeh H, Chao S, Maryon T, Rozanski A. Correlation of Ischemic Indices during Stress Tl-201 Scintigraphy and Ambulatory Electrocardiography. Clin Nuc Med 1989;14(9S):P10
12. Klein J, Rodrigues E, Berman D, Bellil D, Prigent F, Rahimizadeh H, Haendchen L, Maryon T, Chao S, Rozanski A. Assessment of the Prevalence of Ambulatory ST Depression in Patients referred for Tl-201 Stress Testing. Clin Nuc Med 1989;14(9S):P11
13. Krantz D, Klein J, Gabbay F, Hedges S, Nebel L, Haendchen L, Rozanski A: Effect of Daily Activities on the Circadian Rhythm of Myocardial Ischemia out-of Hospital. J Am Coll Cardiol 1990;15(2):190A.
14. Keren A, Goldberg S, Klein J, Gottlieb S, Schuger C, Yalon S, Tzivoni D, Stern S: Left Ventricular Thrombus Formation and Resolution during the Post-Hospitalization Period of Acute Myocardial Infarction. Circulation 1989;80 (4):II-590.
15. Klein J, Prigent F, Berman D, Chao S, Haendchen L, Goldman S, Rozanski A: Stress-redistribution Thallium Scintigraphy and Ambulatory ECG Monitoring: Comparison of Inducible Ischemia to its Spontaneous Occurrence Out of Hospital. J Nuc Med 1990;31(5).
16. Prigent F, Klein J, Berman D, Chao S, Shalmoni J, Rozanski A. Meta-Diagnosis of Experienced Reader Interpretation of SPECT Tl-201 Studies. J Nuc Med 1990;31(5):836.
17. Klein J, Berman DS, Chao YS, Friedman J, Rozanski A: Analysis of the Inter-Relationship between Stress - redistribution Thallium Scintigraphy and the Results of Ambulatory Electrocardiography: The Critical role of Patient Population Factors. (J Nuc Med 1990;32(5):959)
18. Klein J, Prigent F, Friedman J, Chao S, Rozanski A : Is Silent Ischemia the Same on Ambulatory and Exercise ECG ? Circulation 1990;82(4):III-157
19. Bairey CN, Else BA, Klein J, Rozanski A: Continuous Versus Intermittent ECG Monitoring in Cardiac Rehabilitation: Impact on Physician Reporting and Patient Disposition. Circulation 1990;82 (4):III-61

20. Krantz DS, Hedges SM, Klein J, Gabbay F, Gottdiner JS, Rozanski A: Do the Physical and Mental Triggers of Silent vs Symptomatic Myocardial Ischemia Out-of-Hospital Differ ? Circulation 1990;82 (4):III-444
21. Klein J, Rodrigues E, Berman D, Haendchen L, Chao S, Shalmoni J, Rozanski A: Functional Ischemic Correlates of ST Depression During Ambulatory Electrocardiography. Clinical Science 1990;79(4):9p
22. Klein J, Berman DS, Prigent F, Chao S, Friedman J, Shalmoni J, Rozanski A The clinical significance of a positive ambulatory ECG response is dependent on the population tested. Presented at the 3rd International Conference on Non Invasive Cardiology, december 1990.
23. Klein J, Berman DS, Prigent F, Chao S, Rozanski A: Differences between The clinical significance of silent ischemia during ambulatory ECG monitoring and exercise testing. Presented at the 3rd International Conference on Non Invasive Cardiology, december 1990.
24. Gabbay FH, Krantz DS, Hedges SM, Klein J, Nebel L, Rozanski A: Physical and Mental Triggers of Myocardial Ischemia: An Ambulatory Monitoring Study. Psychophysiology 1990;4A:S34.
25. Klein J, Gabbay FH, Howell RH, Krantz DS, Hedges SM, Berman DS, Rozanski A: The relationship between myocardial hypoperfusion and the daily life triggers of myocardial ischemia. J Am Col Cardiol 1991;17(2):391A.
26. Helmers KF, Howell RH, Krantz DS, Klein J, Rozanski A: Hostility and Myocardial Ischemia During Ambulatory ECG and Exercise Thallium Testing. In Proceedings of the Society of Behavioral Medicine, 12th Annual Meeting, March 1991.
27. Klein J, Chao S, Wall F, Rozanski A: A Logistic Regression Model for Predicting Ambulatory ECG Results from Exercise ECG. Circulation 1991; 84(4): II-151.
28. Klein J, Bairey CN, Berman D, Chao S, Rozanski A: The Prognostic Efficacy of Exercise Thallium SPECT: Comparison to Other Test Modalities. Circulation 1991;84 (4): II-534.
29. Klein J, Chao S, Rozanski A: The High Variability of ECG Responses to Bike and Treadmill Exercise: Clinical Significance. Circulation 1991;84(4): II-151.
30. Bairey CN, Silber A, Ferlando M, Klein J: The Effect of Cardiac Rehabilitation on Cholesterol Awareness in Cardiac Patients. Circulation 1991;84 (4): II-220.
31. Palmas W, Silber H, Friedman J, Kiat H, Klein J, Takemoto K, Berman D: Simultaneous

- Tc-99m Sestamibi Myocardial Function/Perfusion Scintigraphy: Information Added by Wall Motion Analysis of Treadmill Exercise First-Pass Study. *Circulation* 1991;84 (4): II
32. Krantz DS, Hedges SM, Gabbay F, Klein J, Gottdiener J, Rozanski A: External Triggers and Patient Characteristics in Silent and Painful Myocardial Ischemia. *Psychosomatic Med.* 1991; 53: 217.
 33. Klein J, Bairey C.N., Gabbay FH, Howell RH, Krantz D.S., Rozanski A: The daily life triggers of myocardial Ischemia in coronary disease patients. The Vth World Congress of Cardiac Rehabilitation. Bordeaux, France July 1992.
 34. Moriel M, Palmas W, Klein J, Chao S, Chua T, Berman DS, Rozanski A, Bairey CN: The Lack of Prognostic Value of Exercise Radionuclide Ventriculography in Women With CAD. *Circulation* 1992;86(4)I-798.
 35. Fisman EZ, Ben-Ari A, Pines Y, Drory Y, Klein J, Motro M, Kelerman JJ: Heavy Isometric Exercise Echocardiography: A New Method for Assessment of Left Ventricular Wall Motion Patterns in Post myocardial Infarction Patients. *J Am Coll Cardiol* 1993;21(2):97A.
 36. Moriel M, Rozanski A, Chao S, Klein J, Berman DS, Bairey - Merz CN: The prognostic efficacy of exercise radionuclide ventriculography in low risk CAD patients. Israel Heart Society annual meeting, Tel Aviv 1994 (Is Med J)
 37. Moriel M, Rozanski A, Chao S, Klein J, Berman DS, Bairey - Merz CN: Prognostic value of exercise radionuclide ventriculography in catheterized patients with and without prior myocardial infarction. First international congress of nuclear cardiology, Cannes, France April 1993.
 38. Moriel M, Rozanski A, Chao S, Klein J, Berman DS, Bairey - Merz CN: Prognostic efficacy of exercise radionuclide ventriculography and coronary angiography in patients with and without prior myocardial infarction. Society of nuclear medicine 40th annual meeting, Toronto 1993
 39. Marom R, Pardo Y, Klein Y (J), Drory Y. Survey of cardiac rehabilitation services in Israel - 1998, Committee of cardiac rehabilitation working group - Israel Heart Society. *J Israel Heart Society*; 1:1999
 40. Klein J, Hoch DI, Avraham E, Tzivoni D: Utilization and efficacy of lipid lowering therapy in a comprehensive multidisciplinary cardiac rehabilitation program among post MI patients. *J. Israel Heart Society*;1;1999
 41. Klein J, Lishanski R, Karawan A, Cohen S, Abeles-Raviv N, Tzivoni D: The beneficial

- effect of a multidisciplinary cardiac rehabilitation program in elderly post-CABG patients: It is never late to rehabilitate. J. Israel Heart Society;1:2000
42. Klein J, Lishanski R, Karawan A, Cohen S, Abeles-Raviv N, Tzivoni D: The beneficial effect of a multidisciplinary cardiac rehabilitation program in elderly post-CABG patients: It is never late to rehabilitate. Eur Heart J 2000;21:260, presented at the ESC 22nd congress
 43. Klein J, Chanuka O, Goldman S, Kertis J, Kark J. Determinants of participation of post MI patients in cardiac rehabilitation programs in Jerusalem. The role of non-referral and level of reimbursement. J ISR Heart Society 2001:14
 44. Klein J, Reens R, Abeles-raviv N, Karawan A, Bitran D, Tzivoni D. Risk profile, attendance, and beneficial effects of multidisciplinary cardiac rehabilitation program - is there a gender difference? J ISR Heart Society 2001:65
 45. Klein J, Chanuka O, Goldman S, Lev-Merom D, Kark J. Long term adherence and awareness of healthy lifestyle among post MI cardiac rehabilitation participants. J ISR Heart Society 2001:66
 46. Klein J, Butnaru A, Klutstein M, Tzivoni D. Multidisciplinary cardiac rehabilitation program improves endothelial function. Circulation 2001;104(17);608
 47. Butnaru A, Klutstein M, Tzivoni D, Klein J .Short term multidisciplinary cardiac rehabilitation program improves endothelial function. ISR Heart Society 2002. Won 2nd prize of "Young Investigator Award"
 48. Klein J, Reens R, Karawan A, Tzivoni D. Trends in Lipolytic Therapy and its Effectiveness in Post MI Patients: A Comparison Between the Community and Cardiac Rehabilitation. J ISR Heart Society 2003.
 49. Klein J, Klein R, Bar-on E, Bebenishty R. The impact of sexual therapy on patients after cardiac events participating in multi-disciplinary cardiac rehabilitation program. J ISR Heart Society 2005
 50. G. Weisz, N. Raviv Abeles, M. Mazar, A. Karawan, A. Kirschner, Z. Mizrachi, R. Aran, R. Farkash, J. Balkin, M. Klutstein, D. Tzivoni, J. Klein
Mortality benefit of cardiac rehabilitation after myocardial infarction in the modern era
Cardiovascular rehabilitation: interventions and outcomes
European Heart Journal (2016) 37 (Abstract Supplement P3125), 621

LIST OF PUBLICATIONS - BOOK CHAPTERS AND REVIEWS:

1. Rozanski A, Krantz D, Klein J, Gottdiener J: Mental Stress and the Induction of Myocardial Ischemia. In: (Marvin Brown, ed. Marcel Dekker,Inc): Neurobiology and Neuroendocrinology of Stress
2. Klein J, Berman D, Prigent F, Rozanski A: The technical and clinical applications of rest and exercise radionuclide ventriculography. Chapter in symposium on Left Ventricular Function in: Am J of cardiac imaging 1991;5(4): 291-304.
3. Rozanski A, Berman DS, Klein J: Assessing Myocardial Viability Using Myocardial Single Photon Agents. Myocardium 1991
4. Fisman EZ, Pines A, Ben-Ari E, Embon P, Klein J, Drory Y : Exercise Echocardiography in the Evaluation of Left Ventricular Function. Revista Argentina de Cardiologia 61:239-246, 1993.
6. Tzivoni D, Klein J : Effect of lipid-lowering therapy on myocardial ischemia : Cardiovasc Drugs Ther 1998;12:135-9
7. Tzivoni D, Klein J, Hisdai D, Roth A: The cardiac patient and sexual activity in the era of sildenafil (Viagra). Harefua 2000 -
8. Drory Y, Marom R, Pardo Y, Klein J, Sheinovitz M: Cardiac Rehabilitation in Israel - A position paper on behalf of the Committee of the working group in cardiac rehabilitation - Israel Heart Society, Jerusalem ,February 2000
9. Drory Y, Sheinovitz M, Marom R, Klein J, Golan R : Physical activity as part of primary prevention of coronary heart disease. A position paper on behalf of the Committee of the working group in cardiac rehabilitation - Israel Heart Society, February 2000

GUEST LECTURER AND PRESENTATIONS

1. Can high risk non Q-wave myocardial infarction patients be identified by predischage exercise testing? Presented at the 61st AHA Scientific Session, October 1988
2. The prognostic value of the exercise ECG response after myocardial infarction. Presented at the 61st AHA Scientific Session, October 1988.
3. Prevalence of Holter ST Depression in Nuclear Cardiology Referral Population. Presented at the 62nd AHA Scientific Sessions, November 1989.
4. Exercise and Tl-201 SPECT Correlates of Ambulatory ECG Indices of Ischemia. Presented at the 62nd AHA Scientific Session, November 1989.
5. Stress-redistribution Thallium Scintigraphy and Ambulatory ECG Monitoring: Comparison of Inducible Ischemia to its Spontaneous Occurrence out of Hospital. Presented at the Society of Nuclear Medicine 37th annual meeting, June 1990.
6. "Silent Myocardial Schema: Insights into Behavioral Triggers of Cardiovascular Events." Workshop at the Society of Behavioral Medicine, Eleventh Annual Meeting, April 18-21,1990.
7. Meta-Diagnosis of Experienced Reader Interpretation of SPECT Tl-201 Studies. Presented at the Society of Nuclear Medicine, 37th annual meeting, June 1990.
8. Is Silent Ischemia the Same on Ambulatory and Exercise ECG ? Presented at the 63rd AHA Scientific Session, November 1990
9. Analysis of the Inter-Relationship between Stress - redistribution Thallium Scintigraphy and the Results of Ambulatory Electrocardiography: The Critical role of Patient Population Factors. Presented at the Society of Nuclear Medicine, 38th annual meeting, June 1991.
10. A Logistic Regression Model for Predicting Ambulatory ECG Results from Exercise ECG. Presented at the 64th AHA annual Scientific Sessions, November 1991.
11. The Prognostic Efficacy of Exercise Thallium SPECT: Comparison to Other Test Modalities. Presented at the 64th AHA annual Scientific Sessions, November 1991.
12. Utilization and efficacy of lipid lowering therapy in a comprehensive multidisciplinary cardiac rehabilitation program among post MI patients. Presented at the Israel Heart Society annual meeting, Tel Aviv 1999

13. The High Variability of ECG Responses to Bike and Treadmill Exercise: Clinical Significance. Presented at the 64th AHA annual Scientific Sessions, November 1991 .
14. The beneficial effect of a multidisciplinary cardiac rehabilitation program in elderly post-CABG patients: It is never late to rehabilitate. Presented at the Israel Heart Society annual meeting, Tel Aviv 2000
15. The beneficial effect of a multidisciplinary cardiac rehabilitation program in elderly post-CABG patients: It is never late to rehabilitate. Presented at the European Heart Society Annual Meeting Amsterdam 2000
16. Multidisciplinary cardiac rehabilitation program improves endothelial function. Presented at AHA annual scientific meeting Anaheim 11/2001
17. Short term multidisciplinary cardiac rehabilitation program improves endothelial function. Presented at the Israel Heart Society annual scientific meeting 2002. Won 2nd prize of “Young Investigator Award”
18. Trends in Lipolytic Therapy and its Effectiveness in Post MI Patients: A Comparison Between the Community and Cardiac Rehabilitation. Presented at the Israel Heart Society annual scientific meeting 2003.
19. The impact of sexual therapy on patients after cardiac events participating in multidisciplinary cardiac rehabilitation program. Presented at the Israel Heart Society annual scientific meeting 2005

