

Curriculum Vitae

Israel Gotsman M.D.

1. PERSONAL DETAILS

Date of birth: 1966. Cape Town, South Africa.

Heart Institute,

Hadassah University Hospital,

Jerusalem, Israel

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2. HIGHER EDUCATION

1988 – 1994. **Medical School**, Hebrew University Medical School, Jerusalem, Israel.

1991. BSc. Medical Sciences.

1995. Medical Degree. (MD).

Post-graduate training:

1995 – 1996. **General Internship**, Sheba Medical Center, Tel Hashomer.

1996 – 2000. **Residency in Internal Medicine**, Medical Division, Hadassah University Hospital, Ein-Karem, Jerusalem, Israel.

2000 – 2004. **Fellowship in Cardiology**, Heart Institute, Hadassah University Hospital, Ein-Karem, Jerusalem.

2004 – 2007. **Research Fellowship in Cardiovascular diseases**, The Center for Excellence in Vascular Biology, The Immunology Research Division, Department of Pathology, Brigham and Women's Hospital, Harvard Medical School

Clinical positions & experience:

1995 – 1996. **General Rotating Internship**, Sheba Medical Center, Tel Hashomer.

1996 – 2000. **Residency in Internal Medicine**, Hadassah University Hospital, Ein-Karem, Jerusalem.

1999. **Senior Resident** - Internal Medicine A,

1999-2000. **Chief Resident** - Department of Internal Medicine, Hadassah University Hospital

2000-2004. **Fellowship in Cardiology**, Hadassah University Hospital, Ein-Kerem, Jerusalem.

2007-present. **Senior Cardiologist**, Heart Failure Center, Heart Institute, Hadassah University Hospital, Ein-Kerem, Jerusalem.

2009-present. **Director**, Heart Failure Center and Day-care Clinic, Misgav-Ladach Hospital, Jerusalem.

Board certification & qualifications:

1995. ECFMG Part I. 2000. ECFMG Part II.
1996. Israeli Medical License No. 28713.
2000. Israeli board certified in Internal Medicine, Israeli license No. 18091.
2004. Israeli board certified in Cardiology, Israeli license No. 21715.

3. APPOINTMENTS AT THE HEBREW UNIVERSITY

1998. **Clinical Instructor**, Hebrew University, Jerusalem, Israel.
2015. **Senior Lecturer**, Hebrew University, Jerusalem, Israel.

4. ADDITIONAL FUNCTIONS/TASKS AT THE HEBREW UNIVERSITY

Interviewer – Faculty of Medicine Admissions Committee, 2013-2018

5. SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS

Grant Reviews

Austrian Science Fund (FWF): Project number: P 23780-B11: 'CX3CR1-expressing T cells at the interface between visceral obesity and atherogenesis', 8/2011.

Reviewer of Journal manuscripts:

Review of numerous scientific manuscripts in leading journals:

- Lancet
- European Journal of Heart Failure
- Heart
- American Journal of Cardiology
- European Journal of Neurology
- Journal of Cardiac Failure
- Atherosclerosis
- Cardiology
- Clinical Cardiology.
- European Journal of Clinical Nutrition

Reviewer of Congress abstracts:

Israel Heart Society Annual meeting 2014-2018
European Society of Cardiology Congress 2014 -2018

6. OTHER ACTIVITY

Professional, clinical and academic activities

- Senior Cardiologist and Heart Failure specialist, Heart failure and cardiomyopathy Unit, Hadassah Medical Center, 2007-present.
- Heart failure consultant, Cardiology and Internal Medicine departments and clinics in cardiology, heart failure and cardiomyopathies.
- Consultant, Heart failure clinic with nurse supervised management, Heart failure center, Hadassah Medical Center, 2007-present
- Consultant, Heart failure center, Clalit health services 2008-2014; 2016-present.
- Founder and Director, Heart Failure Center and Day-care Clinic, Misgav-Ladach Hospital, Jerusalem, 2009-present.

Organization of Conferences

- Primary organizer of the Hadassah clinical conference on periodontal and cardiovascular diseases, 2007.
- Primary organizer of Heart Failure Congress for the public. Hadassah Medical Center, February 2012.
- Member of the organizing committee of the national Heart Failure congress of the working group on heart failure, Israel Heart Society, May 2012-2014.
- Organizer of the international congress - the First Israeli Summit on Acute Heart Failure, Avenue Convention Center - Ben-Gurion Airport City, March 2014.
- Co-organizer, annual national Heart Failure Congress of the working group on heart failure, Israel Heart Society, 2016-2018.

Professional activity

- Committee member of the cardiomyopathy working group of the Israel Heart Society – 2011-2013
- Secretary of the Heart Failure working group - the Israel Heart Society – 2013-2017.
- Editor of the Heart Failure working group internet website of the Israel Heart Society – 2013-2016
- Editor of the Heart Failure information center for the public, Israel Heart Society internet website – 2013-present.
- Member of the Israeli Medical Association cardiology board examination committee 2014-2018
- Member of the Editorial board, Journal Cardiac Failure – 2015-present.
- Member of the Surveys, Registry and Epidemiology Committee of the Heart Failure Association of the ESC – 2016-present.

- Chairman of the Heart Failure working group - the Israel Heart Society – 2017-Present

Additional activities

Invited lectures – International congresses:

Annual Meeting of the Myocardial & Pericardial Diseases Working Group of the European Society of Cardiology 2015: ‘The elderly heart - a unique cardiomyopathy?’

ICI 2015: ‘Type II Pulmonary Hypertension Pulmonary Hypertension due to Left Heart Disease’

The 2nd International Meeting on CardiOncology 2017. ‘Cardiovascular Risk Assessment and Management in Anthracycline Therapy for Hematologic Cancers’

ICI 2017: ‘Pulmonary Hypertension: Definition and Unmet Needs’

The 11th International Conference on Acute Cardiac Care, 2018. ‘Severe heart failure in patients with toxin induced cardiomyopathy: The challenge in diagnosis and treatment’

Organizer of open house workshops for heart failure patients as part of the European Heart Failure Awareness Day, Hadassah Medical Center, May 2012 - 2018.

Awards and Honors:

1. Prize for outstanding research abstract: the Hebrew University, Faculty of Medicine - 50th year anniversary – Jerusalem 1999.
2. Award for young investigator of the European Association for the Study of The Liver, Naples, Italy 1999.
3. Abstract prize, American Digestive Health Foundation and American Gastroenterological Association, 2000
4. American Gastroenterological Association: Poster of Distinction Award, Digestive-Disease-Week, San Diego, USA 2000.
5. Award for young investigator of the European Association for the Study of the Liver, Rotterdam, Holland 2000.
6. Research Award of the American Association for the Study of the Liver, Dallas, USA 2000.
7. **Faculty of Medicine Prize for Outstanding Research, Hebrew University, 2000:**
‘Treatment of chronic graft versus host disease by induction of oral tolerance towards recipient antigens’
8. **The Louis Chor Memorial Trust Award for research in Cardiac Disease, 2001-2003.**
‘The role of periodontal infections as a risk and prognostic factor in Ischemic Heart Disease’

9. **The American Physicians Fellowship for Medicine**, 2003 - 2004.
'Immune mechanisms and responses in Atherosclerosis'
10. **Fulbright Post-doctoral Research Award**: 2004-2006.
'Immune-modulation in Atherosclerosis'
11. **Merit award** - Atherosclerosis Thrombosis Vascular Biology Council, AHA 2006.
'Deficiency of the regulatory molecules PD-L1 and PD-L2 results in increased atherosclerosis in LDLR-null mice'
12. **Prize for outstanding publication**, Israel Heart Society, 2013.
'Vitamin D deficiency is a predictor of reduced survival in patients with heart failure; vitamin D supplementation improves outcome. Eur J Heart Fail 2012;14:357-66.'
13. The Academy of Medical Sciences - Daniel Turnberg UK/Middle East Travel Fellowship Award 2013. Device therapy in heart failure.

7. MEMBERSHIP IN A PROFESSIONAL ASSOCIATION

Israel Medical Association

Israel Heart Society.

Israel Heart Society – Working group on Heart Failure

Israel Heart Society – Working group on Cardiomyopathy

Fellow of the European Society of Cardiology (ESC)

Heart Failure Association of the ESC

8. RESEARCH GRANTS

All grants as principal investigator

1. 1998-1999. **The Joint Research Fund of the Hebrew University and Hadassah University Hospital.** *'Induction of antigen specific oral tolerance to Hepatitis B antigen.'* **\$10,000.** (Publication #2)
2. 1999-2000. **The Israel Cancer Research Fund (ICRF) – Fellowship Grant,** *'Treatment of GVHD by induction of oral tolerance towards recipient antigens'* **\$36,000.** (Publication #4)
3. 1999-2000. **The Ministry of Health - 'ezvonot' Fund,** *'Induction of oral tolerance towards Hepatitis B virus.'* **IS20,000.** (Publication #2).
4. 1999-2000. **The Joint Research Fund of the Hebrew University and Hadassah University Hospital,** *'The role of immune tolerance induction towards tumor-associated antigens in growth of the Human Hepatoma cell line in mice.'* **\$10,000.** (Publication #9).
5. 2002-2004. **The Phillip Morris External research grant,** *'Periodontal infections: a risk and prognostic factor in ischemic heart disease'*

\$270,000. (Publications #14 and 20).

6. 2013-2016: **The European Union collaborative research grant: FP7-HEALTH-2012-INNOVATION-1,**
'King of hearts, joints and lungs; periodontal pathogens as etiologic factor in RA, CVD and COPD and their impact on treatment strategies'.
Euro 642,800.

9. TEACHING AT THE HEBREW UNIVERSITY

A. Supervision of master and doctoral degree students

MD students:

- 2003-2004. Clinical Supervisor of Medical Student Dror Nitzan - MD thesis, co-supervisor Eran Leitersdorf. 'Induction of Oral Tolerance towards Atherosclerotic Plaque Antigens (Oxidized-LDL) Attenuates Atherosclerosis in Apo-E-Deficient Mice'
- 2012-2014. Clinical Supervisor of Medical Student Aviad Katz - MD thesis. co-supervisor Donna Zwas. 'Does the Electrocardiographic frontal QRS-T Angle predict increased risk in Hypertrophic Cardiomyopathy'

Master's degree students:

- 2001-2003. Clinical Supervisor of Master student in pharmacology Shani Rubonivich. 'The Utilization of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in Patients with Congestive Heart Failure: An Observational Study of Treatment Rates and Clinical Outcome', Publication #18.
- 2011-2012. Clinical Supervisor of Master student – Advanced clinical nursing master degree Hadar Bernstein, co-supervisor Anna Woloski-Wruble. 'The relationship between marital satisfaction, anxiety and depression among patients before and a month after elective heart catheterization'
- 2014-2016. Clinical Supervisor of Master student - Advanced clinical nursing master degree Orly Ezra, co-supervisor Freda DeKeyser Ganz. 'The influence of vitamin K antagonist guided instruction on recommended INR target in patients with heart failure'
- 2014-2016. Clinical Supervisor of Master student - Advanced clinical nursing master degree Chereisky Alexandra, co-supervisor Sorel Goland. 'The Relationship Between Social Support and Self Care in Patients with Class II-IV Chronic Heart Failure in Israel' Publication #37

Teaching Positions:

1997 - 2000. **Instructor** - Introductory course in Clinical Medicine and Physical Examination,

1996 – 2000. **Instructor and Tutor**- 4th and 6th year Medical students, Internal Medicine.

2000 - 2003. **Instructor** - Pharmaceutical students (M.Pharm.); School of Nursing and intensive care course.

1998, 1999. **Best instructor** in Internal Medicine.

2000. **Outstanding Instructor** – Faculty of Medicine, Hebrew University.

2000. **Course coordinator** - Internal Medicine course for Medical students.

Lecturer / Instructor -

- 2000-2004, 2007-present. Instructor - Cardiology Clinical rotation - 6th year medical students.
- 2008 – present. Lecturer and Instructor. Introductory course in Cardiology for 4th year medical students.
- 2000-2004, 2007-present. Lecturer/Instructor - Internal Medicine clinical rotation (Cardiology) 4th year medical students.
- 2001-2004, 2007-present. Lecturer and Instructor - Advanced Cardiac Life Support (ACLS) course.
- 2010. Coordinator and lecturer: Heart Failure Course for Physicians, Clalit health services.
- 2008-present. Cardiology Course for Clinical Nurses, Clalit health services.
- 2012-present. Invited lectures on Heart failure to Clalit health services, Meuthedet & Leumi HMO's physicians.

2009 – 2010. **Course Coordinator** - Cardiology Clinical rotation - 6th year medical students.

List of Publications:

PI: Principal investigator; C: Co-investigator; T: Technician; S: Student.

Original papers in peer-reviewed journals:

1. Trop S^S, Samsonov D^C, **Gotsman I^C**, Alper R^T, Diament J^C, Ilan Y^{PI} (1999) Liver-associated lymphocytes expressing NK1.1 are essential for oral immune tolerance induction in a murine model. Hepatology 29: 746-755. (7.344; 2/44; 70)
1. **Gotsman I^{PI}**, Beinart R, Alper R^T, Zeira M^C, Rabani E^C, Engelhardt D^C, Gorecki M^C, Ilan Y^{PI} (2000) Induction of oral tolerance towards hepatitis B envelope antigens in a murine model. Antiviral Res. 48(1): 17-26. (2.758; 12/28; 18)
2. Weinberg I^S, Vasiliev L^C, **Gotsman I^{PI}** (2000) Anti-dsDNA Antibodies in Sarcoidosis. Semin Arthritis Rheum. 29(5): 328-31. (3.066; 3/23; 16)
3. Ilan Y^{PI}, **Gotsman I^{PI*}**, Pines M^C, Beinart R, Alper R^T, Zeira M^C, Rabani E^C, Engelhardt D^C, Roy Chowdhury N^C, Roy Chowdhury J^C, Nagler A^{PI} (2000) Treatment of chronic graft versus host disease by induction of oral tolerance towards recipient antigens. Blood 95(11): 3613-9. (8.977; 3/60; 37)
* Co-first author
4. Shlomai A^S, Trop S^C, **Gotsman I^C**, Yurim O^C, Diament J^C, Alper R^T, Rabani E^C, Engelhardt D^C, Ilan Y^{PI} (2001) Immune-modulation of the Th1/Th2 paradigm in experimental colitis: the role of surrogate antigens-bystander effect and NK1.1 liver lymphocytes. J Pathology 195(4):498-507. (**5.064; 4/66; 15**)
5. **Gotsman I^{PI}**, Shlomai A^S, Alper R^T, Rabani E^C, Engelhardt D^C, Ilan Y^{PI} (2001) Amelioration of immune-mediated experimental colitis: tolerance induction in the presence of preexisting immunity and surrogate antigen bystander effect. J Pharmacol Exp Ther. 297(3):926-32. (**3.555 ; 21/186; 17**)
6. **Gotsman I^{PI}**, Mushkat M^{PI} (2001) Glucose-6-dehydrogenase deficiency increases the initial severity of viral hepatitis A. J Gastroenterol Hepatol. 16(11):1239-43. (**1.258; 29/47; 6**)
7. **Gotsman I^{PI}**, Fridlender Z^C, Meirovitz A^C, Dratva D^C, Muszkat M^{PI} (2001) The Evaluation of Pleural Effusion in Congestive Heart Failure. Am J Med. 111(5):375-8. (**6.106; 8/112; 15**)
8. **Gotsman I^{PI}**, Israeli D^S, Alper R^T, Rabani E^C, Engelhardt D^C, Ilan Y^{PI} (2002) Induction of immune tolerance towards tumor-associated-antigens enables growth of Human Hepatoma in mice. Int J Cancer. 97(1):52-7. (**4.056; 19/114; 13**)
9. **Gotsman I^{PI}**, Israeli D^S, Alper R^T, Klein A^C, Rabani E^C, Engelhardt D^C, Ilan Y^{PI} (2002) Induction of oral immune-regulation towards hepatitis B virus envelope proteins suppresses the growth of hepatocellular carcinoma in mice. Cancer. 94(2):406-14. (**3.941; 21/114; 8**)
10. **Gotsman I^{PI}**, Lotan C^C, Mosseri M^{PI} (2003) Clinical manifestations and outcome of acute myocardial infarction in very young patients. Isr Med Assoc J. 5(9):633-6. (**0.587; 64/102; 1**)
11. Menachem Y^{PI}, **Gotsman I^{PI}** (2004) Clinical manifestations of pyoderma gangrenosum associated with inflammatory bowel disease. Isr Med Assoc J. 6(2):88-90. (0.488; 73/103; 45)

12. **Gotsman I^{PI}**, Grabie N^C, Gupta R^S, Dacosta R^T, Sukhov G^C, Witztum JL^C, Sharpe AH^C, Lichtman AH^{PI} (2006) Impaired Regulatory T-Cell Response and Enhanced Atherosclerosis in the Absence of Inducible Costimulatory Molecule. Circulation 114(19):2047-55. (10.940; 1/124; 118)
13. **Gotsman I^{PI}**, Lotan C^C, Soskolne WA^C, Rassovsky S^S, Pugatsch T^C, Lapidus L^C, Novikov Y^C, Masrawa S^T, Stabholz A^{PI} (2007) Periodontal destruction is associated with coronary artery disease and periodontal infection with acute coronary syndrome. J Periodontol. 78:849-58. (2.086; 12/51; 18)
14. **Gotsman I^{PI}**, Meirovitz A^C, Meizlish N^T, Gotsman M^C, Lotan C^C, Gilon D^{PI} (2007) Clinical and echocardiographic predictors of morbidity and mortality in infective endocarditis: the significance of vegetation size. Isr Med Assoc J. 9:365-9. (0.577; 75/100; 8)
15. Grabie N^{PI}, **Gotsman I^C**, DaCosta R^T, Pang H^T, Stavrakis G^T, Butte MJ^C, Keir ME^C, Freeman GJ^C, Sharpe AH^C, Lichtman AH^{PI} (2007) Endothelial programmed death-1 ligand 1 (PD-L1) regulates CD8+ T-cell mediated injury in the heart. Circulation. 116:2062-71. (12.755 ; 1/124; 39)
16. **Gotsman I^{PI}**, Grabie N^C, Dacosta R^T, Sukhova G^C, Sharpe A^C, Lichtman AH^{PI} (2007) Proatherogenic immune responses are regulated by the PD-1/PD-L pathway in mice. J Clin Invest. 117:2974-82. (16.9; 4/121; 43)
17. **Gotsman I^{PI}**, Shani R^S, Azaz-Livshits T^{PI} (2008) Use of angiotensin-converting enzyme inhibitors and angiotensin receptor blockers in patients with congestive heart failure: an observational study of treatment rates and clinical outcome. Isr Med Assoc J. 10:214-8. (0.626; 85/107; 8)
18. Rocha VZ^{PI}, Folco EJ^C, Sukhova G^C, Shimizu K^C, **Gotsman I^C**, Vernon AH^C, Libby P^{PI} (2008) Interferon-gamma, a Th1 cytokine, regulates fat inflammation: a role for adaptive immunity in obesity. Circ Res. 103:467-76. (9.989; 3/79; 139)
19. **Gotsman I^{PI}**, Stabholz A^C, Planer D^C, Pugatsch T^C, Lapidus L^C, Novikov Y^C, Masrawa S, Soskolne A^C, Lotan C^{PI} (2008) Serum cytokine tumor necrosis factor-alpha and interleukin-6 associated with the severity of coronary artery disease: indicators of an active inflammatory burden? Isr Med Assoc J. 10:494-8. (0.9; 83/155; 34)
20. Packard RR^{PI}, Maganto-Garcia E^C, **Gotsman I^C**, Tabas I^C, Libby P^C, Lichtman AH^{PI} (2008) CD11c(+) dendritic cells maintain antigen processing, presentation capabilities, and CD4(+) T-cell priming efficacy under hypercholesterolemic conditions associated with atherosclerosis. Circ Res. 103:965-73. (9.989; 3/79; 36)
21. **Gotsman I^{PI}**, Zwas D^C, Planer D^C, Azaz-Livshits T^C, Admon D^C, Lotan C^C, Keren A^{PI} (2008) Clinical outcome of patients with heart failure and preserved left ventricular function. Am J Med. 121:997-1001. (5.5; 14/155; 12)
22. Nassar H^{PI}, **Gotsman I^{PI}**, Gerganski P^C, Moseri M^C, Lotan C^C, Gotsman M^{PI} (2009) Cutting balloon angioplasty and stent implantation for aorto-ostial lesions: clinical outcome and 1-year follow-up. Clin Cardiol. 32:183-186. (1.1; 65/124; 5)

23. **Gotsman I^{PI}**, Zwas D^C, Planer D^C, Admon D^C, Lotan C^C, Keren A^{PI} (2010) The significance of serum urea and renal function in patients with heart failure. Medicine (Baltimore). 89:197-203. (5.1; 18/155; 8)
24. **Gotsman I^{PI}**, Zwas D^C, Admon D^C, Lotan C^C, Keren A^{PI} (2010) Seasonal variation in hospital admission in patients with heart failure and its effect on prognosis. Cardiology 117(4):268-74. (1.6; 71/124; 3)
25. **Gotsman I^{PI}**, Zwas D^C, Zemora Z^C, Jabara R^C, Admon D^C, Lotan C^C, Keren A^{PI} (2011) Clinical outcome of patients with chronic heart failure followed in a specialized heart failure center. Isr Med Assoc J 13:468-73. (0.9; 83/155; 1)
26. **Gotsman I^{PI*}**, Shauer A^{PI}, Zwas DR^C, Hellman Y^C, Keren A^C, Lotan C^C, Admon D^{PI} (2012) Vitamin D deficiency is a predictor of reduced survival in patients with heart failure; vitamin D supplementation improves outcome. Eur J Heart Fail 14:357-66. (5.247;17/124; 19)
* Co-first author
27. McAlister FA^{PI}, Ezekowitz J^C, Tarantini L^C, Squire I^C, Komajda M^C, Bayes-Genis A^C, **Gotsman I^C**, Whalley G^C, Earle N^C, Poppe KK^C, Doughty RN^{PI} (2012) Renal dysfunction in patients with heart failure with preserved versus reduced ejection fraction: impact of the new chronic kidney disease-epidemiology collaboration group formula. Circ Heart Fail 5:309-14. (6.684; 7/124; 13)
28. **Gotsman I^{PI}**, Zwas D^C, Lotan C^C, Keren A^{PI} (2012) Heart failure and preserved left ventricular function: long term clinical outcome. PLoS One 7:e41022. (3.730; 7/56; 1)
29. **Gotsman I^{PI}**, Keren A^C, Lotan C^C, Zwas DR^{PI} (2012) Changes in uric acid levels and allopurinol use in chronic heart failure: association with improved survival. J Card Fail 18:694-701. (3.320; 37/124; 8)
30. **Gotsman I^{PI}**, Keren A^C, Hellman Y^C, Banker J^C, Lotan C^C, Zwas DR^{PI} (2013) Usefulness of the Electrocardiographic Frontal QRS-T Angle to Predict Increased Morbidity and Mortality in Patients with Chronic Heart Failure. Am J Cardiol 111:1452-9. (3.209; 38/124)
31. Chen S^{PI}, Shauer A^C, Zwas DR^C, Lotan C^C, Keren A^C, **Gotsman I^{PI}** (2014) The effect of thyroid function on clinical outcome in patients with heart failure. Eur J Heart Fail. 16:217-226. (5.247; 17/124)
32. **Gotsman I^{PI}**, Shauer A^C, Lotan C^C, Keren A^C (2014) Impaired fasting glucose: a predictor of reduced survival in patients with heart failure. Eur J Heart Fail. 16(11):1190-1198. (5.247; 17/124)
33. **Gotsman I^{PI}**, Avishai-Eliner S^C, Jabara R^C, Zemora Z^C, Shauer A^C, Lotan C^C, Keren A^C (2015). Ethnic disparity in the clinical characteristics of patients with heart failure. Eur J Heart Fail. 17(8):801-8. (5.247; 17/124)
34. Gotsman M, **Gotsman I^{PI}** (2016) CardioPulse: The plunging mortality of cardiovascular disease in Israel. Eur Heart J 37: 508-509.
35. Farmakis D, Alvarez J, Gal TB, Brito D, Fedele F, Fonseca C, Gordon AC, **Gotsman I^C**, Grossini E, Guarracino F, Harjola VP, Hellman Y, Heunks L, Ivancan V, Karavidas A,

- Kivikko M, Lomivorotov V, Longrois D, Masip J, Metra M, Morelli A, Nikolaou M, Papp Z, Parkhomenko A, Poelzl G, Pollesello P, Ravn HB, Rex S, Riha H, Ricksten SE, Schwinger RH, Vrtovec B, Yilmaz MB, Zielinska M, Parissis J (2016) Levosimendan beyond inotropy and acute heart failure: Evidence of pleiotropic effects on the heart and other organs: An expert panel position paper. *Int J Cardiol* 222: 303-312.
36. Hoss S, Elizur Y, Luria D, Keren A, Lotan C, **Gotsman I^{PI}** (2016) Serum Potassium Levels and Outcome in Patients With Chronic Heart Failure. *Am J Cardiol* 118: 1868-1874.
37. **Gotsman I^{PI}**, Ezra O, Raccach BH, Admon D, Lotan C, Ganz FD (2017) Patient-Specific Tailored Intervention Improves INR Time in Therapeutic Range and INR Variability in Heart Failure Patients. *Am J Med* 130: 982-
38. Shotan A, Zafirir B, Ben Gal T, Vazan A, **Gotsman I^C**, Amir O (2017) The Management and Outcome of Hospitalized and Ambulatory Israeli Heart Failure Patients Compared to European Heart Failure Patients: Results from the ESC Heart Failure Long-Term Registry. *Isr Med Assoc J* 19: 225-230.
39. Chen S, Hoss S, Zeniou V, Shauer A, Admon D, Zwas DR, Lotan C, Keren A, **Gotsman I^{PI}** (2018) Electrocardiographic predictors of morbidity and mortality in patients with acute myocarditis: The importance of qrs-t angle. *J Card Fail* 24: 3-8
40. O'Mahony C, Jichi F, Ommen SR, Christiaans I, Arbustini E, Garcia-Pavia P, Cecchi F, Olivotto I, Kitaoka H, **Gotsman I^C**, Carr-White G, Mogensen J, Antoniades L, Mohiddin SA, Maurer MS, Tang HC, Geske JB, Siontis KC, Mahmoud KD, Vermeer A, Wilde A, Favalli V, Guttman OP, Gallego-Delgado M, Dominguez F, Tanini I, Kubo T, Keren A, Bueser T, Waters S, Issa IF, Malcolmson J, Burns T, Sekhri N, Hoeger CW, Omar RZ, Elliott PM (2018) International external validation study of the 2014 european society of cardiology guidelines on sudden cardiac death prevention in hypertrophic cardiomyopathy (evidence-hcm). *Circulation* 137:1015-1023
41. **Gotsman I^{PI}**, Shauer A, Elizur Y, Zwas DR, Lotan C, Keren A (2018) Temporal changes in electrocardiographic frontal qrs-t angle and survival in patients with heart failure. *PLoS One* 13:e0194520
42. Kindya B, Ouzan E, Lerakis S, Gonen E, Babaliaros V, Karayel E, Thourani VH, **Gotsman I^C**, Devireddy CM, Danenberg HD, Leshnowar BG, Beerli R, Ko YA, Gilon D, Ahmed H, Liu C, Lotan C, Mavromatis K (2018) Degenerative mitral regurgitation predicts worse outcomes in patients undergoing transcatheter aortic valve replacement. *Catheter Cardiovasc Interv.*
43. **Gotsman I^{PI}**, Keren A, Zwas DR, Lotan C, Admon D (2018) Clinical impact of ABO and rhesus D blood type groups in patients with chronic heart failure. *Am J Cardiol.*

Reviews

1. **Gotsman I^{PI}**, Sharpe AH^C, Lichtman AH^{PI} (2008) T-cell costimulation and coinhibition in atherosclerosis. Circ Res. 103:1220-1231. (9.989; 3/79; 64)
2. Zwas DR^{PI}, **Gotsman I^C**, Admon D^C, Keren A^{PI} (2012) Advances in the differentiation of constrictive pericarditis and restrictive cardiomyopathy. Herz 37:664-673. (0.779; 107/124; 1)
3. Shauer A^{PI}, **Gotsman I^C**, Keren A^{PI}, Zwas DR^C, Hellman Y^C, Durst R^C, Admon D^{PI} (2013) Acute viral myocarditis: Current concepts in diagnosis and treatment. Isr Med Assoc J. 15:180-185. (0.9; 83/155; 3)
4. Weiss-Sadan T, **Gotsman I^C**, Blum G (2017) Cysteine proteases in atherosclerosis. Febs J 284: 1455-1472

Editorials

1. **Gotsman I**, Gupta R, Lichtman AH (2007) The influence of the regulatory T lymphocytes on atherosclerosis. Arterioscler Thromb Vasc Biol. 27:2493-5. (7.221; 5/63; 26)
2. **Gotsman I**, Lichtman AH (2007). Targeting interferon-gamma to treat atherosclerosis. Circ Res. 101:333-4. (9.85; 3/79)

Case Reports - peer-reviewed:

1. **Gotsman I**, Mogle P, Shapira MY (1999) An unusual cause of dysphagia. Postgrad Med J. 75(888):629-31.
2. **Gotsman I**, Azaz-Livshits T, Fridlender Z, Muszkat M, Ben-Chetrit E (2000) Mefloquine induced acute Hepatitis. Pharmacotherapy 20(12):1517-9
3. **Gotsman I**, Elhallel-Darnitski M, Friedlander Z, Haviv YS (2000) Beta-interferon-induced nephrotic syndrome in a patient with multiple sclerosis. Clin Nephrol. 54(5):425-6.
4. Goldschmidt N, Azaz-Livshits T, **Gotsman I**, Nir-Paz R, Ben-Yehuda A, Muszkat M (2001) Compound cardiac toxicity of oral erythromycin and verapamil. Ann Pharmacother 35(11):1396-9.
5. Shapira MY, Braunstein I, Mushkat M, **Gotsman I** (2001) Co-occurrence of Hepatocellular Carcinoma and Lymphoma in a patient with hepatitis c virus cirrhosis. J Clin Gastroenterol. 32(4):368-9.
6. **Gotsman I**, Verstandig A (2001) Intravascular stent implantation of the celiac artery in the treatment of chronic mesenteric ischemia. J Clin Gastroenterol. 32(2):164-6.

7. **Gotsman I**, Goral A, Nasair S (2001) Secondary spontaneous pneumothorax in a patient with pulmonary rheumatoid nodules during treatment with Methotrexate. Rheumatology 40(3):350-1.
8. **Gotsman I**, Gilon D, Elami A (2003) Transesophageal echocardiography of a large tricuspid valve vegetation: a perfect image of reality. Heart. 89(6):696.
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