

Curriculum Vitae

Haim Danenberg, M.D.

Dept. of Cardiology, Hadassah Hebrew University Medical Center.

Personal Details:

Date of Birth: Sep 5, 1962, Jerusalem, Israel.

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Education:

1979-1985 Hadassah Hebrew University Medical School, Jerusalem.

1986 Internship, Kaplan Hospital, Rehovot, Israel.

1992-1996 Residency, Internal Medicine, HHUMC, Board Certified (#15491).

1997-2000 Fellowship, Cardiology, HHUMC, Board Certified (#17978).

2000-2003 Post-Doctoral Fellowship, Harvard-MIT Division of Health Sciences and Technology, Cambridge, MA (Prof. Elazer R. Edelman).

Professional Experience:

1987-1992 Military service, Israel Defense Forces, ranked major.

1992-1996 Resident & Chief Resident. Dept. of Medicine, HHUMC, Jerusalem.

1997-2000 Fellow and Attending. Heart Institute, HHUMC, Jerusalem.

2003-present Attending Cardiologist, HHUMC, Jerusalem.

2004-2007 Director, Cardiac Research, Hadassah–Hebrew University Medical Center

2007-present Director, Interventional Cardiology, Hadassah–Hebrew University Medical Center

Academic Appointments:

- 1994 Instructor in Medicine, Hebrew University of Jerusalem, Israel.
- 1995 Lecturer in Medicine, Hebrew University of Jerusalem, Israel.
- 2003 Senior Lecturer, Medicine (Cardiology), Hebrew University of Jerusalem, Israel.
- 2009 Associate Professor, Medicine (Cardiology), Hebrew University of Jerusalem, Israel.

Service in other Academic and Research Institutions:

- 2004 – present Visiting Scientist – Harvard/MIT Center for Biomedical Engineering.

Organization of Conferences:Organizer:

- 2007 Israeli 1st CTO (chronic total occlusion) meeting
- 2008 Israeli 2nd CTO meeting

Organizing Committee:

- 2007-2008 Annual International Meeting, Intensive Cardiac Care, Tel-Aviv
- 2007-present Annual Innovation in Cardiovascular Interventions, Tel Aviv
- 2007-present Member, Scientific Advisory Boards of the International Academy of Cardiology and of the 14th World Congress on Heart Disease, Toronto, Ontario, Canada

Professional Activities:

- 2004-2006 Coordinator, Israeli Cardiology Boards Committee.
- 2005-2007 Director, Israeli Cardiology Boards Preparation Course.
- 2009-2013 Secretary, Israeli workgroup for Interventional cardiology
- 2016-present Chairman, Israeli workgroup for Interventional cardiology

Editorial Board

- 2013 -present Coronary Artery disease
- 2017-present Cardiovascular Revascularization Medicine

Awards and Prizes:

- 1995 American Geriatric Society / American Federation for Aging Research - Research Award for best poster in the Physiology/Cell and Molecular Biology Category for the study: "DHEA treatment reverses the impaired immune Response of aged mice to influenza vaccination". A.G.S. annual meeting, Seattle, WA.

- 1997 American Geriatric Society - New investigator award for outstanding research in the field of geriatrics. A.G.S. annual meeting, Atlanta, GA.
- 1999 Trans Catheter Therapeutics (T.C.T) Young Investigator Award. "Macrophage depletion by liposomal clodronate inhibits neointimal formation in rats", TCT annual meeting, Washington D.C.
- 2000 Israel Cardiology Society \ G.G. Kellerman Young Investigator Award Competition – Israel Cardiology Society Annual Meeting (2nd place).
- 2000 MSD\Israel Cardiology Society - Fellowship Award.
- 2003 American Heart Association, Melvin L. Marcus Young Investigator Award (Finalist).
- 2004 Berman Award in Cardiology, Hadassah - Hebrew University Medical Center.
- 2008 10th Annual Winter Eicosanoid Conference Baltimore, Maryland - Best Poster
- 2008 Hebrew University School of Medicine, Excellence in Teaching Award

List of Publications:**Original papers:**

1. Ben-Nathan, Lustig S, **Danenberg HD**. Stress-induced neuroinvasiveness of a neurovirulent noninvasive Sindbis virus in cold or isolation subjected mice. *Life Sci* 1991; 48:1493-500.
2. **Danenberg HD**, Shoenfeld Y. Response to stress and the immunological system. *Harefuah* 1991; 120:455-59. (*In Hebrew*)
3. **Danenberg HD**, Lehrman Y, Steinlauf S, Salomon A, Zisman D, Atsmon J, Slater P. Mortality in Israel during the Persian Gulf war--initial observations. *Isr J Med Sci* 1991; 27:627-30.
4. **Danenberg HD**, Alpert G, Lustig S, Ben-Nathan D. Dehydroepiandrosterone protects mice from endotoxin toxicity and reduces tumor necrosis factor production. *Antimicrob Agents Chemother* 1992; 36:2275-79.
5. Ben-Nathan D, Lustig S, Kobilier D, **Danenberg HD**, Lupu E, Feuerstein G. Dehydroepiandrosterone protects mice inoculated with West Nile virus and exposed to cold stress. *J Med Virol* 1992; 38:159-66.
6. Lustig S, **Danenberg HD**, Kafri Y, Kobilier D, Ben-Nathan D. Viral neuroinvasion and encephalitis induced by lipopolysaccharide and its mediators. *J Exp Med* 1992; 176:707-12.
7. Ben-Nathan D, Feuerstein G, **Danenberg HD**, Kobilier D, Olshevsky U, Lustig S. Dehydroepiandrosterone protects stressed mice from encephalitis by the attenuated West-Nile virus. *Stress Medicine* 1992; 8:181-85.
8. **Danenberg HD**, Shouval D. The risk for hepatitis C virus infection in health care workers. *Harefuah* 1994; 127:533-536. (*In Hebrew*)
9. Bialer M, Hadad S, Golomb G, Barel S, Samara E, Abu-Salach O, Berkman N, **Danenberg HD**, Ben-David J, Caron D. Pharmacokinetic analysis of two new sustained-release products of diltiazem designed for twice- and once-daily treatment. *Biopharm Drug Dispos* 1994; 15:45-52.
10. **Danenberg HD**, Gimon Z, Bar-Ziv J, Rahamimov R, Tur-Kaspa R. False ascites: Fallopian tube pseudocyst imitating ascites. *Am J Gastroenterology* 1994; 89:1581-83.
11. **Danenberg HD**, Hasin Y, Milgalter E, Gilon D, Zelingher J, Castaing D, Azoulay D, Putterman C, Bismuth H, Samuel D, Shouval D. Aorto-atrial fistula following internal jugular catheterization. *Eur Heart J* 1995; 16:279-281.
12. **Danenberg HD**, Eliashar R, Flusser G, Rosenmann E, Chajek-Shaul T. Yellow nail syndrome and xanthogranulomatous pyelonephritis. *Postgraduate Med J* 1995; 71:110-111.

13. Haring R, Gurwitz D, Barg J, Pinkas-Kramarski R, Heldman E, **Danenberg HD**, Pittel Z, Meshulam H, Marciano D, Karton Y, Fisher A. NGF promotes amyloid precursor protein secretion via muscarinic receptor activation. *Biochem. Biophys. Res. Comm.* 1995; 213:15-23.
14. **Danenberg HD**, Ben-Yehuda A, Ronen-Zakay Z, Friedman G, Dehydroepiandrosterone reverses the impaired immune response of old mice to influenza vaccination and protects from influenza infection. *Vaccine* 1995; 13:1445-48.
15. Bialer M, Sussan S, Abu-Salach O, **Danenberg HD**, Ben-David J, Laor A. Criteria to assess rate of absorption of sustained release (SR) formulations: application to diltiazem SR products. *J Pharm Sci* 1995; 84:1160-63.
16. **Danenberg HD**, Haring R, Heldman E, Gurwitz D, Ben-Nathan D, Pittel Z, Zuckerman A, Fisher A. Dehydroepiandrosterone augments m1 muscarinic receptor stimulated amyloid precursor protein secretion in desensitized PC12 cells. *Ann NY Acad Sci* 1995; 774:300-303.
17. **Danenberg HD**, Ben-Yehuda A, Ronen-Zakay Z, Friedman G, DHEA augments influenza immunization in aged mice. *Ann NY Acad Sci* 1995; 774:297-299.
18. **Danenberg HD**, Haring R, Fisher A, Pittel Z, Gurwitz D, Heldman E, Dehydroepiandrosterone (DHEA) Increases Production and Release of Alzheimer's Amyloid Precursor Protein. *Life Sci* 1996; 19:1651-1657.
19. **Danenberg HD**, Ben-Yehuda A, The physiological importance of Dehydroepiandrosterone. *Harefuah* 1996; 130: 248-251. (*In Hebrew*)
20. Grauer E, Ben-Nathan D, Lustig S, Kapon J, **Danenberg HD**, Cholinesterase inhibitors increase blood-brain barrier (BBB) permeability: Neuroinvasion of a noninvasive Sindbis virus as a marker for BBB integrity. *Bioscience Rev.* 1996; 96:481-488.
21. **Danenberg HD**, Ben-Yehuda A, Ronen-Zakay Z, Gross D, Friedman G, Dehydroepiandrosterone (DHEA) treatment is not beneficial to the immune response to influenza in elderly humans. *J Clin Endocrinol Metab* 1997; 82:2911-14.
22. Azaz-Libshitz T, **Danenberg HD**, Tachycardia, orthostatic hypotension and profound weakness due to concomitant use of fluoxetine and nifedipine. *Pharmacopsychiatry* 1997; 30:274-275.
23. Hoffman A, **Danenberg HD**, Katzhendler I, Shuval R, Gilhar D, Friedman M, Pharmacodynamic and pharmacokinetic rationales for the development of an oral controlled-release amoxicillin dosage form. *J. Control Release* 1998; 54:29-37
24. Ben-Yehuda A, **Danenberg HD**, Ronen-Zakay Z, Gross DJ, Friedman G, The influence of sequential annual vaccination and of DHEA administration on the efficacy of the immune response to influenza vaccine in the elderly. *Mech. Ageing Develop.* 1998; 102:299-306.

25. Kipper-Galperin M, Galilly R, **Danenberg HD**, Brenner T, Dehydroepiandrosterone selectively inhibits production of tumor necrosis α and interleukin 6 in astrocytes. *Int. J. Devl. Neuroscience* 1999; 17:765-775.
26. **Danenberg HD**, Hasin Y, Gilon D, Recurrent myocardial infarction and normal appearing coronary arteries. *Int J Cardiology* 1999; 69:225-6.
27. **Danenberg HD**, Hasin Y, Acute myocardial infarction due to delirium tremens. *Cardiology* 1999; 92:144.
28. **Danenberg HD**, Hasin Y, Polymorphic Ventricular Tachycardia Following Intracerebral Hemorrhage. *Circulation* 2000; 101:81
29. **Danenberg HD**, Lotan C, Hasin Y, Gotsman MS, Rozenman Y, Acute myocardial infarction – a late complication of intracoronary stenting. *Clin Cardiol.* 2000; 23:376-378.
30. Grauer E, Ben-Nathan D, Lustig S, Kobilier D, Kapon J, **Danenberg HD**, Viral neuroinvasion as a marker for BBB integrity following exposure to cholinesterase inhibitors. *Life Sci* 2001; 68:986-990.
31. Fishbein I, Chorny M, Banai S, Levitzki A, **Danenberg HD**, Gao J, Chen X, Moerman E, Gati I, Goldwasser V, Golomb G, Formulation and delivery mode affect disposition and activity of tyrphostin-loaded nanoparticles in the rat carotid model. *Art. Thr. & Vasc. Biol* 2001; 21:1434-1439.
32. **Danenberg HD**, Welt FGP, Walker M, Seifert P, Toegel GS, Edelman ER, Systemic Inflammation Induced by Lipopolysaccharide Increases Neointimal Formation Following Balloon and Stent Injury in Rabbits. *Circulation* 2002; 105:2917-2922.
33. **Danenberg HD**, Fishbein I, Gao J, Mönkkönen J, Reich R, Gati I, Moerman E, Golomb G, Macrophage depletion by clodronate-containing liposomes reduce neointimal formation following balloon injury in rats and rabbits. *Circulation* 2002; 106:599-605.
34. Chorny M, Fishbein I, **Danenberg HD**, Golomb G, Study of the drug release mechanism from tyrphostin AG-1295 loaded nanospheres using in situ and external sink methods, *J. Controlled Rel.* 2002; 83:401-414.
35. Chorny M, Fishbein I, **Danenberg HD**, Golomb G, Lipophilic drug loaded nanospheres prepared by nanoprecipitation: Effect of formulation variables on size, drug recovery and release kinetics. *J. Controlled Rel.* 2002; 83:401-410.
36. **Danenberg HD**, Fishbein I, Epstein H, Waltenberger J, Moerman E, Mönkkönen J, Gao J, Gathi I, Golomb G. Systemic depletion of macrophages by liposomal bisphosphonates reduces neointimal formation following balloon injury in the rat carotid artery. *J. Cardiovasc. Pharm.* 2003; 42:671-9.
37. **Danenberg HD**, Szalai AJ, Swaminathan RV, Peng L, Chen Z, Seifert P, Fay WP, Simon DI, Edelman ER. Increased thrombosis following injury in human C-reactive protein transgenic mice. *Circulation* 2003; 108: 512-515.

38. Muszkat M, Friedman G, **Danenberg HD**, Greenbaum E, Lipo M, Heymann Y, Zakay-Rones Z, Ben-Yehuda A. Response to influenza vaccination in community and in nursing home residing elderly: relation to clinical factors. *Exp Gerontol.* 2003; 38:1199-203.
39. Edelman ER, **Danenberg HD**, Rapamycin for cardiac transplant rejection and vasculopathy: One stone - Two birds? *Circulation* 2003; 108:6-8.
40. **Danenberg HD**, Golomb G, Groothuis A, Gao J, Epstein H, Swaminathan RV, Seifert P, Edelman ER. Liposomal Alendronate inhibits systemic innate immunity and reduces intimal hyperplasia in rabbits. *Circulation* 2003; 108: 2798-804.
41. Brzezinski A, **Danenberg HD**, Estrogen, progesterone, and cardiovascular health: when shall we complete the puzzle? *Menopause.* 2005; 12:488-91.
42. Cohen-Sela E, Dangoor D, Epstein H, **Danenberg HD**, Golomb G, Gao J. Nanospheres of bisphosphonate attenuate intimal hyperplasia. *J. Nanosci. Nanotech.* 2006, 113-23
43. Cohen-Sela E, Rosenzweig O, Gao J, Epstein H, Gati I, Reich R, **Danenberg HD**, Golomb G. Alendronate-loaded nanoparticles attenuate intimal hyperplasia. *J. Controlled Rel.* 2006; 6:3226-34.
44. Yaron G, Brill A, Dashevsky O, Yosef-Levy IM, Grad E, **Danenberg HD**, Varon D. C-reactive protein promotes platelet adhesion to endothelial cells: a potential pathway in atherothrombosis. *Br. J. Haematol.* 2006;134:426-31.
45. Danenberg HD, Lotan C, Nonrecurring transient cortical blindness after coronary angiography: a role for hypoventilation and hypercarbia? *Catheter Cardiovasc Interv.* 2006; 67:384-5.
46. **Danenberg HD**, Shauer A, Gilon D. Very late coronary stent graft thrombosis after aspirin cessation. *Int. J. Card* 2007; 120:15-7
47. **Danenberg HD**, Kantak N, Grad E, Swaminathan RV, Lotan C, Edelman ER. C-reactive protein promotes monocyte-platelet aggregation: an additional link to the inflammatory-thrombotic intricacy. *Eur J Haematol.* 2007; 78:246-252.
48. Grad E, Golomb M, Koroukhov N, Mor-Yosef I, Lotan C, Edelman ER, **Danenberg HD**. Transgenic expression of human C-reactive protein suppresses endothelial nitric oxide synthase expression and bioactivity following vascular injury. *Am J Physiol Heart Circ Physiol.* 2007; 293:H489-95
49. Durst R, **Danenberg H**, Galilly R, Mechoulam R, Meir K, Beerl R, Pugatsch T, Lotan C, Cannabidiol, a nonpsychoactive Cannabis constituent, protects against myocardial ischemic reperfusion injury. *Am J Physiol Heart Circ Physiol.* 2007; 293:H3602-7.
50. Haber G, Vitberg G, **Danenberg HD**, Air Pollution and cardiovascular disease. *Harefuah* 2007; 146:738-743
51. Mor Yosef-Levy I, Grad E, **Danenberg HD**. C-reactive protein: marker or modulator for cardiovascular risk? *Harefuah* 2007, 146:970-974

52. Abu-Fanneh R, Brzezinski A, **Danenberg HD**. Raloxifene: Cardiovascular considerations. *Minirev Med. Chem.* 2007; 7(8):871-6.
53. Brzezinski A, **Danenberg HD**, Soy, Sex-hormones and Myocardial Injury: Timing is everything. *Menopause* 2008; 2:217-220.
54. Epstein H, Grad E, Golomb M, Koroukhov N, Edelman ER, Golomb G, **Danenberg HD**. Innate Immunity Has a Dual Effect on Vascular Healing: Suppression and Aggravation of Neointimal Formation and Remodeling Post Endotoxin Challenge. *Atherosclerosis* 2008; 199: 41-6
55. Abu-Fanne R, Brzezinski A, Golomb M, Grad E, Foldes AJ, Shufaro Y, Varon D, Brill A, Lotan C, **Danenberg HD**. Raloxifene and Estradiol Suppress Arterial Thrombosis in Ovariectomized Mice. *Menopause* 2008; 15:98-104.
56. **Danenberg HD**, Lotan C, Varshitski B, Rosenheck S, Weiss AT. Removal of contrast medium from the coronary Sinus during coronary angiography: feasibility of a simple and available technique for the prevention of nephropathy. *Card. Revasc. Med.* 2008; 9:9-13.
57. **Danenberg HD**, Grad E, Swaminathan RV, Chen Z, Seifert P, Szalai AJ, Simon DI, Edelman ER^C, Neointimal formation is reduced after arterial injury in human CRP transgenic mice. *Atherosclerosis* 2008, Feb 13 [EPub ahead of print]
58. Shuvy M, Abedat S, Beerl R, **Danenberg HD**, Planer D, Ben-Dov IZ, Meir K, Sosna J, Lotan C. Uremic Hyperparathyroidism Causes a Reversible Inflammatory Process of Aortic Valve Calcification in Rats. *Cardiovascular Research* 2008; 79:492-9
59. Epstein H, Rabinovich L, Banai S, Elazar V, Gao J, Chorny M, **Danenebrg HD**, Golomb G. Predicting in vivo efficacy of potential restenosis therapies by cell culture studies: Species-dependent susceptibility of vascular smooth muscle cells. *Open Cardiovascular Medicine Journal* (In Press)
60. Epstein H, Gutman D, Cohen-Sela E, Haber E, Koroukhov N, Elmalak O, **Danenberg HD**, Golomb G, Preparation of Alendronate Liposomes for Enhanced Stability and Bioactivity: In Vitro and In Vivo Characterization. *AAAPS Journal* 2008; 10:505-515
61. Afergan E, Epstein H, Dahan R, Koroukhov N, **Danenberg HD**, Golomb G, Delivery of serotonin to the brain by monocytes following phagocytosis of liposomes, *J. Controlled Rel.* 2008; 132:84-90
62. Cohen-Sela E, Chorney M, Koroukhov N, **Danenberg HD**, Golomb G, A New Double Emulsion Solvent Diffusion Technique for Encapsulating Hydrophilic Molecules in PLGA Nanoparticles. *J Controlled Rel.* 2009; 133: 90-5
63. Cohen-Sela E, Teitelboim S, Chorny M, Koroukhov N, **Danenberg HD**, Gao J, Golomb G, Single and double emulsion manufacturing techniques of an amphiphilic drug in PLGA nanoparticles: formulations of mithramycin and bioactivity. *J Pharm Sci* 2009; 98:1452-62

64. Leibowitz D, Abu-Gazala M, Katz I, **Danenberg H**, Nassar H, Boguslavsky L, Mosseri M, Varshitzsky B, Lotan C, Weiss AT. Computerized gradual balloon inflation: a novel strategy of coronary angioplasty superior to a standard manual approach. *Card. Revasc. Med.* 2009; 10:45-8
65. Haber E, **Danenberg HD**, Koroukhov N, Ron-El R, Golomb G, Schachter M, Peritoneal macrophage depletion by liposomal bisphosphonate attenuates endometriosis in a rat model. *Human Reproduction* 2009; 24:398-407
66. Bulut A, Rav Acha M, Aydin O, Arin CB, Beeri R, **Danenberg HD**, Inverted "Tako-Tsubo": transient apical-sparing cardiomyopathy. *Int J Cardiol* 2009; 134:e35-8
67. **Danenberg HD**, Marincheva G, Varshitzsky B, Lotan C, Stent Thrombosis: Poor Man's disease?, *IMAJ* 2009;11:529-532
68. Durst R, Neumark Y, Meiner V, Friedlander Y, Sharon N, Polak A, Beeri R, **Danenberg H**, Erez G, Shpitzen S, Ben Avi L, Leitersdorf E, Lotan C Increased risk for atherosclerosis by various macrophage scavenger receptor 1 alleles. *Genetic Testing and Molecular Biomarkers.* 2009; 13:583-7
69. Grad E, M. Golomb, Koroukhov N, Lawson JA, Lotan C, FitzGerald GA, **Danenberg HD**. Aspirin Reduces the Pro-Thrombotic Activity of C-Reactive Protein. *J Throm Haemostasis.* 2009; 7:1393-1400.
70. Leibowitz D, Lotan C, Katz I, Nassar H, Boguslavsky L, Mosseri M, Jabara R, Varshitzsky B, **Danenberg H**, Weiss A. Effect of Gradual Computerized Angioplasty on Outcomes of Patients Undergoing Coronary Stenting. *Am J Card* 2009; 104: 223-226
71. Afergan E, Ben David M, Epstein H, Koroukhov N, Gilhar D, Rohekar K, **Danenberg HD**, Golomb G. Liposomal simvastatin attenuates neointimal hyperplasia in rats. *AAPS J* 2010; 12:181-7
72. Nikolosky E, **Danenberg HD**, Lotan C, Beyar R, Highlights from the innovations in cardiovascular intervention meeting: in favor of creativity and ingenuity. *Expert Rev Cardiovasc Ther.* 2010; 8:491-7.
73. **Danenberg HD**, Prior BMS restenosis as a predictor for subsequent restenosis: the lightning often strikes twice. *Cardiology* 2010; 166:188-9
74. **Danenberg HD**, Finkelstein A, Kornowski R., Segev A, Dvir D, Gilon D, Keren G, Sagie A, Feinberg M, Schwammenthal E, Banai S, Lotan C, Guetta V. Percutaneous Implantation of the Self-Expandable CoreValve for High Risk Patients with Severe Aortic Valve Stenosis: Early Israeli Experience. *IMAJ* 2010; 12:468-71.
75. Hellman Y, Varshitzsky B, **Danenberg HD**. The role of 3-D CT angiography reconstruction in the diagnosis of vascular closure device complications. *Int J Cardiol.* 2010; 147(1):162-3

76. Ilovich O, Abourbeh G, Bocher M, Freedman N, Billauer H, Dotan S, **Danenberg HD**, Mishani E. Structure-Activity Relationship and Preclinical Evaluation of Carbon-11-Labeled Ammonium Salts as PET-Myocardial Perfusion Imaging Agents. *Mol Imaging Biol.* 2012; 14:625-636
77. Grad E, Pachino RM, **Danenberg HD**. Endothelial C-reactive protein increases platelet adhesion under flow conditions. *Am J Physiol Heart Circ Physiol.* 2011;301(3):H730-6.
78. Zatarra G, Hertz R, Shaked M, Mayorek N, Morad E, Grad E, Cahan A, **Danenberg HD**, Unterman TG, Bar-Tana J. Suppression of FoxO1 activity by long-chain fatty acyl analogs. *Diabetes.* 2011; 60(7):1872-81.
79. Raccach BH, Shalit M, **Danenberg HD**. Allergic reaction to prasugrel and cross-reactivity with clopidogrel. *Int J Cardiol.* 2012;157(3):e48-9.
80. Leker RR, Eichel R, Verber A, Cohen JE, Lotan C, **Danenberg HD**. Stroke complicating transcatheter aortic valve implantation: incidence, risk factors and outcome. *Int J Stroke.* 2012 Apr 18 [Epub ahead of print]
81. Grad E, Pachino M, FitzGerald G, **Danenberg HD**. The role of thromboxane receptor in CRP induced thrombosis. *Art. Thr. & Vasc. Biol*, 2012; 32(10):2468-74.
82. Segev A, Matetzky S, **Danenberg H**, Fefer P, Buby L, Zahger D, Roguin A, Gottlieb S, Kornowski R. Contemporary use and outcome of percutaneous coronary interventions in patients with acute coronary syndromes: insights from the 2010 ACSIS and ACSIS-PCI surveys. *Eurointervention* 2012; 8(4):465-9.
83. Di Mario C, Eltchaninoff H, Moat N, Goicolea J, Ussia GP, Kala P, Wenaweser P, Zembala M, Nickenig G, Alegria Barrero E, Snow T, Lung B, Zamorano P, Schuler G, Corti R, Alfieri O, Prendergast B, Ludman P, Windecker S, Sabate M, Gilard M, Witowski A, **Danenberg H**, Schroeder E, Romeo F, Macaya C, Derumeaux G, Maggioni A, Tavazzi L; Transcatheter Valve Treatment Sentinel Registry (TCVT) Investigators of the EURObservational Research Programme (EORP) of the European Society of Cardiology. The 2011-12 pilot European Sentinel Registry of Transcatheter Aortic Valve Implantation: in-hospital results in 4,571 patients. *EuroIntervention.* 2013; 8(12):1362-71
84. Perlman GY, Loncar S, Pollak A, Gilon D, Alcalai R, Planer D, Lotan C, **Danenberg HD**. Post-procedural hypertension following transcatheter aortic valve implantation: incidence and clinical significance. *JACC Int* 2013; 5:472-8
85. Grad E, **Danenberg HD**. CRP and atherothrombosis: cause or effect. *Blood Rev* 2013; 27:23-9
86. Loncar S, Perlman G, Planer D, Meroz Y, Gilon D, Lotan C, **Danenberg HD**. Acute aortic regurgitation and hemodynamic collapse after balloon aortic valvuloplasty. *Int J Cardiol.* 2014;171:88-9.

87. Moriel M, Matetzky S, Segev A, Medina A, Kornowski R, **Danenberg H**, Gavrielov-Yusim N, Goldenberg I, Tzivoni D, Gottlieb S; ACSIS and ACSIS-PCI investigators. Aspiration thrombectomy in patients with ST elevation myocardial infarction undergoing primary percutaneous coronary intervention (from the Acute Coronary Syndrome Israeli Survey 2010). *Am J Cardiol.* 2014;113:809-14
88. Adams DH for the U.S. CoreValve clinical investigators. Transcatheter aortic-valve replacement with a self-expanding prosthesis. *N Engl J Med.* 2014 May 8;370(19):1790-8.
89. Lenders GD, Collas V, Hernandez JM, Legrand V, **Danenberg HD**, den Heijer P, Rodrigus IE, Paelinck BP, Vrints CJ, Bosmans JM. Depth of valve implantation, conduction disturbances and pacemaker implantation with CoreValve and CoreValve Accutrak system for Transcatheter Aortic Valve Implantation, a multi-center study. *Int J Cardiol.* 2014; 176(3):771-5
90. Dall'Ara G, Eltchaninoff H, Moat N, Laroche C, Goicolea J, Ussia GP, Kala P, Wenaweser P, Zembala M, Nickenig G, Snow T, Price S, Barrero EA, Estevez-Loureiro R, lung B, Zamorano JL, Schuler G, Alfieri O, Prendergast B, Ludman P, Windecker S, Sabate M, Gilard M, Witkowski A, **Danenberg HD**, Schroeder E, Romeo F, Macaya C, Derumeaux G, Mattesini A, Tavazzi L, Di Mario C; Transcatheter Valve Treatment Sentinel Registry (TCVT) Investigators of the EurObservational Research Programme (EORP) of the European Society of Cardiology. Local and general anaesthesia do not influence outcome of transfemoral aortic valve implantation *Int J Cardiol.* 2014; Dec 15;177(2):448-54
91. Reardon MJ for the CoreValve US Clinical Investigators. Self-expanding transcatheter aortic valve replacement using alternative access sites in symptomatic patients with severe aortic stenosis deemed extreme risk of surgery. *J Thorac Cardiovasc Surg.* 2014; 148(6):2869-76
92. Dall'Ara G, Eltchaninoff H, Moat N, Laroche C, Goicolea J, Ussia GP, Kala P, Wenaweser P, Zembala M, Nickenig G, Snow T, Price S, Barrero EA, Estevez-Loureiro R, lung B, Zamorano JL, Schuler G, Alfieri O, Prendergast B, Ludman P, Windecker S, Sabate M, Gilard M, Witkowski A, **Danenberg H**, Schroeder E, Romeo F, Macaya C, Derumeaux G, Mattesini A, Tavazzi L, Di Mario C; Transcatheter Valve Treatment Sentinel Registry (TCVT) Investigators of the EurObservational Research Programme (EORP) of the European Society of Cardiology. Local and general anaesthesia do not influence outcome of transfemoral aortic valve implantation. *Int J Cardiol* 2014; 177(2):448-54
93. Latib A, Naganuma T, Abdel-Wahab M, **Danenberg H**, Cota L, Barbanti M, Baumgartner H, Finkelstein A, Legrand V, de Lezo JS, Kefer J, Messika-Zeitoun D, Richardt G, Stabile E, Kaleschke G, Vahanian A, Laborde JC, Leon MB, Webb JG, Panoulas VF, Maisano F, Alfieri O, Colombo A. Treatment and clinical outcomes of transcatheter heart valve thrombosis. *Circ Cardiovasc Interv.* 2015 Apr 8

94. Chen S, Lotan C, Jaffe R, Rubinshtein R, Ben-Assa E, Roguin A, Varshitzsky B, **Danenberg HD**. Pericardial covered stent for coronary perforations. *Catheter Cardiovasc Interv*. 2015, 86(3):400-4.
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