Vitamin E increases the risk of developing heart failure after myocardial infarction: Results from the GISSI-Prevenzione trial

DOI: 10.2459/01.jcm.0000223257.09062.17
Journal of Cardiovascular Medicine, 2006, 7, 347-50.

#	Paper	IF	Citations
90	Effects of random allocation to vitamin E supplementation on the occurrence of venous thromboembolism: report from the Women's Health Study. *Circulation*, **2007**, 116, 1497-503	16.7	83
89	Antioxidants and cardioprotection. *Medicine and Science in Sports and Exercise*, **2007**, 39, 1544-53	1.2	31
88	Adjunctive care with nutritional, herbal, and homeopathic complementary and alternative medicine modalities in stroke treatment and rehabilitation. *Topics in Stroke Rehabilitation*, **2007**, 14, 30-9	2.6	12
87	Angiotensin II-induced reactive oxygen species and the kidney. *Journal of the American Society of Nephrology: JASN*, **2007**, 18, 2439-46	12.7	200
86	Dietary supplementation with vitamin E ameliorates cardiac failure in type I diabetic cardiomyopathy by suppressing myocardial generation of 8-iso-prostaglandin F2alpha and oxidized glutathione. *Journal of Cardiac Failure*, **2007**, 13, 884-92	3.3	31
85	Vitamins: the wise choice for women with cardiovascular disease. *The Consultant Pharmacist*, **2007**, 22, 490-502		1
84	Adverse effects of vitamin E by induction of drug metabolism. *Genes and Nutrition*, **2007**, 2, 249-56	4.3	48
83	Dietary factors and risk of heart failure: A systematic review. *Current Cardiovascular Risk Reports*, **2007**, 1, 330-334	0.9	5
82	Vitamin E in human health and disease. *Critical Reviews in Clinical Laboratory Sciences*, **2008**, 45, 417-50	9.4	116
81	Cardioprotection with alpha-tocopheryl phosphate: amelioration of myocardial ischemia reperfusion injury is linked with its ability to generate a survival signal through Akt activation. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2008**, 1782, 498-503	6.9	43
80	Effects of dietary vitamin E and C supplementation on heart failure in fast growing commercial broiler chickens. *British Poultry Science*, **2008**, 49, 697-704	1.9	15
79	Prolonged administration of a dithiol antioxidant protects against ventricular remodeling due to ischemia-reperfusion in mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H1303-H1310	5.2	5
78	Chronic intake of a phytochemical-enriched diet reduces cardiac fibrosis and diastolic dysfunction caused by prolonged salt-sensitive hypertension. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2008**, 63, 1034-42	6.4	32
77	Therapeutic interventions and oxidative stress in diabetes. *Frontiers in Bioscience - Landmark*, **2009**, 14, 192-209	2.8	21
76	[Vitamins and minerals with antioxidant properties and cardiometabolic risk: controversies and perspectives]. *Arquivos Brasileiros De Endocrinologia E Metabologia*, **2009**, 53, 550-9		32
75	Nutrition and heart failure: impact of drug therapies and management strategies. *Nutrition in Clinical Practice*, **2009**, 24, 60-75	3.6	30
74	Vitamin E supplement use and the incidence of cardiovascular disease and all-cause mortality in the Framingham Heart Study: Does the underlying health status play a role?. *Atherosclerosis*, **2009**, 205, 549-53	3.1	46

73	Vitamins and cardiovascular disease. *British Journal of Nutrition*, **2009**, 101, 1113-31	3.6	56
72	Reconvene and reconnect the antioxidant hypothesis in human health and disease. *Indian Journal of Clinical Biochemistry*, **2010**, 25, 225-43	1.3	26
71	Alpha tocopherol use in the management of diabetic cardiomyopathy: lessons learned from randomized clinical trials. *Journal of Diabetes and Its Complications*, **2010**, 24, 286-8	3.2	6
70	Safety considerations and potential interactions of vitamins: should vitamins be considered drugs?. *Annals of Pharmacotherapy*, **2010**, 44, 311-24	2.9	44
69	Oxidative stress and heart failure. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 301, H2181-90	5.2	657
68	Oxidative stress in heart failure: what are we missing?. *American Journal of the Medical Sciences*, **2011**, 342, 120-4	2.2	70
67	Mitochondrial therapeutics for cardioprotection. *Current Pharmaceutical Design*, **2011**, 17, 2017-35	3.3	34
66	Pharmacological dose of {alpha}-tocopherol induces cardiotoxicity in Wistar rats determined by echocardiography and histology. *Human and Experimental Toxicology*, **2011**, 30, 1540-8	3.4	5
65	Novel pathways and therapies in experimental diabetic atherosclerosis. *Expert Review of Cardiovascular Therapy*, **2012**, 10, 323-35	2.5	9
64	Vitamin E supplementation and the risk of heart failure in women. *Circulation: Heart Failure*, **2012**, 5, 176-82	7.6	30
63	A lipophilic nitric oxide donor and a lipophilic antioxidant compound protect rat heart against ischemia-reperfusion injury if given as hybrid molecule but not as a mixture. *Journal of Cardiovascular Pharmacology*, **2012**, 59, 241-8	3.1	8
62	Synthetic Antioxidants. **2012**, 381-388		1
61	The role of micronutrients in heart failure. *Journal of the Academy of Nutrition and Dietetics*, **2012**, 112, 870-86	3.9	57
60	Resveratrol in cardiovascular disease: what is known from current research?. *Heart Failure Reviews*, **2012**, 17, 437-48	5	70
59	The role of iron, omega-3 Fatty acids, and vitamins in heart failure. *Current Treatment Options in Cardiovascular Medicine*, **2012**, 14, 328-41	2.1	5
58	Pharmacologic strategies to target oxidative stress in heart failure. *Current Heart Failure Reports*, **2012**, 9, 14-22	2.8	23
57	Micronutrients in chronic heart failure. *Current Heart Failure Reports*, **2013**, 10, 46-53	2.8	30
56	Liver dysfunction and its nutritional implications in heart failure. *Nutrition*, **2013**, 29, 370-8	4.8	29

55	Cardiac metabolism and its interactions with contraction, growth, and survival of cardiomyocytes. *Circulation Research*, **2013**, 113, 603-16	15.7	408
54	Mitochondria as a therapeutic target in heart failure. *Journal of the American College of Cardiology*, **2013**, 61, 599-610	15.1	234
53	Oxidized Ca(2+)/calmodulin-dependent protein kinase II triggers atrial fibrillation. *Circulation*, **2013**, 128, 1748-57	16.7	186
52	Plasma vitamin C, but not vitamin E, is associated with reduced risk of heart failure in older men. *Circulation: Heart Failure*, **2013**, 6, 647-54	7.6	25
51	Balance of nitric oxide and reactive oxygen species in myocardial reperfusion injury and protection. *Journal of Cardiovascular Pharmacology*, **2013**, 62, 567-75	3.1	20
50	Antioxidants supplementation in elderly cardiovascular patients. *Oxidative Medicine and Cellular Longevity*, **2013**, 2013, 408260	6.7	7
49	Reactive Oxygen Species (ROS) Signaling in Cardiac Remodeling and Failure. **2014**, 951-992		3
48	Redox regulation of antioxidants, autophagy, and the response to stress: implications for electrophile therapeutics. *Free Radical Biology and Medicine*, **2014**, 71, 196-207	7.8	168
47	Long-term vitamin E supplementation reduces atherosclerosis and mortality in Ldlr-/- mice, but not when fed Western style diet. *Atherosclerosis*, **2014**, 233, 196-205	3.1	28
46	Vitamin E-gene interactions in aging and inflammatory age-related diseases: implications for treatment. A systematic review. *Ageing Research Reviews*, **2014**, 14, 81-101	12	87
45	Polypharmacy in heart failure: drugs to use and avoid. *Heart Failure Clinics*, **2014**, 10, 577-90	3.3	8
44	Targeting Mitochondria and Reactive Oxygen Species-Driven Pathogenesis in Diabetic Nephropathy. *Review of Diabetic Studies*, **2015**, 12, 134-56	3.6	58
43	Are reactive oxygen species still the basis for diabetic complications?. *Clinical Science*, **2015**, 129, 199-216	6.5	59
42	Excessive Ɛ-tocopherol exacerbates microglial activation and brain injury caused by acute ischemic stroke. *FASEB Journal*, **2015**, 29, 828-36	0.9	16
41	Skin Redox Balance Maintenance: The Need for an Nrf2-Activator Delivery System. *Cosmetics*, **2016**, 3, 1	2.7	39
40	Antioxidant Supplementation in the Treatment of Aging-Associated Diseases. *Frontiers in Pharmacology*, **2016**, 7, 24	5.6	103
39	Is vitamin E supplementation effective in reducing mortality related to cardiovascular events in people with type 2 diabetes mellitus? A systematic review. *IJC Metabolic & Endocrine*, **2016**, 12, 42-45		3
38	Antioxidant Supplementation in Cardiovascular Disease and Hypertension. **2016**, 193-212		

37	Drugs That May Cause or Exacerbate Heart Failure: A Scientific Statement From the American Heart Association. *Circulation*, **2016**, 134, e32-69	16.7	210
36	Practice patterns in NAFLD and NASH: real life differs from published guidelines. *Therapeutic Advances in Gastroenterology*, **2016**, 9, 4-12	4.7	48
35	Nutritional modulation of age-related changes in the immune system and risk of infection. *Nutrition Research*, **2017**, 41, 14-35	4	38
34	Vitamins for Cardiovascular Diseases: Is the Expense Justified?. *Cardiology in Review*, **2017**, 25, 298-308	3.2	3
33	Recent novel approaches to limit oxidative stress and inflammation in diabetic complications. *Clinical and Translational Immunology*, **2018**, 7, e1016	6.8	74
32	Antioxidant and Oxidative Stress: A Mutual Interplay in Age-Related Diseases. *Frontiers in Pharmacology*, **2018**, 9, 1162	5.6	396
31	Circulating vitamin E and cardiometabolic measures: a Mendelian randomization analysis. *Journal of Clinical Biochemistry and Nutrition*, **2019**, 65, 160-169	3.1	2
30	Micronutrient Depletion in Heart Failure: Common, Clinically Relevant and Treatable. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	11
29	Circulating Vitamin E Levels and Risk of Coronary Artery Disease and Myocardial Infarction: A Mendelian Randomization Study. *Nutrients*, **2019**, 11,	6.7	25
28	Targeting Mitochondrial Function in Heart Failure: Makes Sense But Will it Work?. *JACC Basic To Translational Science*, **2019**, 4, 158-160	8.7	2
27	Oxidative stress and inflammation in the evolution of heart failure: From pathophysiology to therapeutic strategies. *European Journal of Preventive Cardiology*, **2020**, 27, 494-510	3.9	56
26	The Potential Physiological Role of Tocopherol in Human Health: A Qualitative Review. *Nutrition and Cancer*, **2020**, 72, 808-825	2.8	10
25	Vitamin B deficiency in heart failure: another "brick in the wall". *Hellenic Journal of Cardiology*, **2020** , 61, 338-340	2.1	
24	The role of diet and nutrition in heart failure: A state-of-the-art narrative review. *Progress in Cardiovascular Diseases*, **2020**, 63, 538-551	8.5	7
23	The Role of Oxidative Stress in Cardiac Disease: From Physiological Response to Injury Factor. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 5732956	6.7	79
22	Non-Invasive and Minimally Invasive Management of Low Back Disorders. *Journal of Occupational and Environmental Medicine*, **2020**, 62, e111-e138	2	5
21	Nutraceutical support in heart failure: a position paper of the International Lipid Expert Panel (ILEP). *Nutrition Research Reviews*, **2020**, 33, 155-179	7	20
20	Effects of Elamipretide on Left Ventricular Function in Patients With Heart Failure With Reduced Ejection Fraction: The PROGRESS-HF Phase 2 Trial. *Journal of Cardiac Failure*, **2020**, 26, 429-437	3.3	19

19	The homeostatic role of hydrogen peroxide, superoxide anion and nitric oxide in the vasculature. *Free Radical Biology and Medicine*, **2021**, 162, 615-635	7.8	15
18	Pharmacological inhibition of Vanin-1 is not protective in models of acute and chronic kidney disease. *American Journal of Physiology - Renal Physiology*, **2021**, 320, F61-F73	4.3	2
17	Nutraceuticals Supporting Heart Function in Heart Failure. *Contemporary Cardiology*, **2021**, 209-243	0.1	
16	Phloroglucinol Strengthens the Antioxidant Barrier and Reduces Oxidative/Nitrosative Stress in Nonalcoholic Fatty Liver Disease (NAFLD). *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 8872702	6.7	7
15	Synthetic Antioxidants. **2020**, 543-551		1
14	[Metabolic therapy for early treatment of age-related macular degeneration]. *Orvosi Hetilap*, **2007**, 148, 2259-68	0.8	3
13	Metabolic Approach for Treating Age-Related Macular Degeneration. *Hungarian Medical Journal*, **2008**, 2, 5-18		
12	Role of Oxidative Stress and Targeted Antioxidant Therapies in Experimental Models of Diabetic Complications. **2011**, 3-38		
11	Tocotrienols. **2012**, 185-194		
10	Oxidative Stress in Diabetes Mellitus and Possible Interventions. *Oxidative Stress in Applied Basic Research and Clinical Practice*, **2014**, 237-261		
9	Targeting Oxidative Stress in Heart Failure. **2014**, 993-1019		
8	Cardiac Metabolism and Energetic Control. **2016**, 97-134		
7	4. Vitamins and coronary artery disease. *Human Health Handbooks*, **2017**, 77-90		
6	The Controversial Role of HCY and Vitamin B Deficiency in Cardiovascular Diseases.. *Nutrients*, **2022** , 14,	6.7	3
5	2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines.. *Circulation*, **2022**, 101161CIR0000000000001063	16.7	35
4	2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines.. *Journal of the American College of Cardiology*, **2022**,	15.1	49
3	Complementary and Alternative Medicines in the Management of Heart Failure: A Scientific Statement From the American Heart Association.		0
2	Emerging Therapy for Diabetic Cardiomyopathy: From Molecular Mechanism to Clinical Practice. **2023**, 11, 662		0

1	Iron, ferroptosis, and ischemic stroke.	0