



## Focused Research Topics

### Cardiovascular Disease: Prevention & Vitamin E

Study Types	Research Articles
Review	4
Human Study	4

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# Associated Topics included in this Focused Research

Cardiovascular Disease: Prevention  
Cardiovascular Diseases

## View the Evidence

8 Research Articles in Total

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**This review aims to provide an overview of the links between oxidative stress, vascular inflammation, endothelial dysfunction and cardiovascular risk factors.**

**Pubmed Data** : Vascul Pharmacol. 2015 Apr 11. Epub 2015 Apr 11. PMID: [25869516](#)

**Article Published Date** : Apr 10, 2015

**Authors** : Hawa N Siti, Y Kamisah, J Kamsiah

**Study Type** : Review

### Additional Links

**Substances** : Antioxidants: Fat Soluble : CK(12) : AC(3), Polyphenols : CK(931) : AC(335), Vitamin C : CK(1957) : AC(404), Vitamin E : CK(1656) : AC(290)

**Diseases** : Cardiovascular Diseases : CK(7342) : AC(916), Endothelial Dysfunction : CK(1210) : AC(237), Inflammation : CK(3240) : AC(882)

**Pharmacological Actions** : Antioxidants : CK(8430) : AC(3132)

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**Higher circulating concentrations of alpha-tocopherol within the normal range are associated with significantly lower total and cause-specific mortality in older male smokers.**

**Pubmed Data** : Phytomedicine. 2009 Dec;16(12):1105-11. Epub 2009 Jul 8. PMID: [17093175](#)

**Article Published Date** : Dec 01, 2009

**Authors** : Margaret E Wright, Karla A Lawson, Stephanie J Weinstein, Pirjo Pietinen, Philip R Taylor, Jarmo Virtamo, Demetrius Albanes

**Study Type** : Human Study

### Additional Links

**Substances** : Vitamin E : CK(1656) : AC(290)

**Diseases** : Cardiac Mortality : CK(947) : AC(86), Cardiovascular Diseases : CK(7342) : AC(916), Mortality: All-Cause : CK(713) : AC(63), Smoking : CK(740) : AC(111)

**Additional Keywords** : Risk Reduction : CK(6417) : AC(686)

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## Including almonds in diets as a snack may help healthy overweight and obese individuals improve nutritional status and reduce their risk for CVD.

**Pubmed Data** : Eur J Nutr. 2017 Jul 10. Epub 2017 Jul 10. PMID: [28695324](#)

**Article Published Date** : Jul 09, 2017

**Authors** : Hana Jung, C-Y Oliver Chen, Jeffrey B Blumberg, Ho-Kyung Kwak

**Study Type** : Human Study

### Additional Links

**Substances** : Almond : CK(194) : AC(27) , Vitamin E : CK(1656) : AC(290)

**Diseases** : Cardiovascular Disease: Prevention : CK(3250) : AC(433) , Obesity : CK(2443) : AC(521) , Overweight : CK(3643) : AC(612)

**Pharmacological Actions** : Anti-Inflammatory Agents : CK(4861) : AC(1630) , Cardioprotective : CK(1596) : AC(409) , Interleukin-1 beta downregulation : CK(478) : AC(205) , Interleukin-6 Downregulation : CK(1137) : AC(354)

**Additional Keywords** : Risk Reduction : CK(6417) : AC(686)

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## Vitamin E and Vitamin C supplementation is associated with reduced risk for mortality.

**Pubmed Data** : Am J Epidemiol. 2009 Aug 15;170(4):472-83. Epub 2009 Jul 13. PMID: [19596711](#)

**Article Published Date** : Aug 15, 2009

**Authors** : Gaia Pocobelli, Ulrike Peters, Alan R Kristal, Emily White

**Study Type** : Human Study

### Additional Links

**Substances** : Vitamin C : CK(1957) : AC(404) , Vitamin E : CK(1656) : AC(290)

**Diseases** : Cardiovascular Diseases : CK(7342) : AC(916) , Mortality: All-Cause : CK(713) : AC(63)

**Additional Keywords** : Risk Reduction : CK(6417) : AC(686)

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## A combination of coenzyme10, vitamin E, selenium, methionine and phospholipids protects against occupational and environmental stress in workers of the gas and oil industry.

**Pubmed Data** : Biofactors. 2003;18(1-4):245-54. PMID: [14695940](#)

**Article Published Date** : Jan 01, 2003

**Authors** : Ludmila Korkina, Irina Deeva, Galina Ibragimova, Alexander Shakula, Antonio Luci, Chiara De Luca

**Study Type** : Human Study

### Additional Links

**Substances** : Coenzyme Q10 : CK(1234) : AC(183), Methionine : CK(57) : AC(13), Phospholipids : CK(12) : AC(2), Selenium : CK(784) : AC(139), Vitamin E : CK(1656) : AC(290)

**Diseases** : Cardiovascular Diseases : CK(7342) : AC(916), Oxidative Stress : CK(3871) : AC(1382), Petroleum Exposure And Toxicity : CK(51) : AC(19)

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## A deficiency in circulating total tocopherols might be associated with higher coronary artery disease risk.

**Pubmed Data** : Eur J Prev Cardiol. 2015 Jul 7. Epub 2015 Jul 7. PMID: [26152775](#)

**Article Published Date** : Jul 06, 2015

**Authors** : Guangxiao Li, Ying Li, Xin Chen, Hao Sun, Xiaowen Hou, Jingpu Shi

**Study Type** : Meta Analysis, Review

### Additional Links

**Substances** : Vitamin E : CK(1656) : AC(290)

**Diseases** : Cardiovascular Disease: Prevention : CK(3250) : AC(433), Cardiovascular Diseases : CK(7342) : AC(916), Vitamin E Deficiency : CK(65) : AC(8)

**Pharmacological Actions** : Cardioprotective : CK(1596) : AC(409)

**Additional Keywords** : Risk Factors : CK(3057) : AC(392)

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## Significant improvements in endothelial function were observed in trials supplementing with vitamin C alone and vitamin E alone, whereas co-administration of both vitamins was ineffective.

**Pubmed Data** : Br J Nutr. 2015 Apr ;113(8):1182-94. PMID: [25919436](#)

**Article Published Date** : Mar 31, 2015

**Authors** : Ammar W Ashor, Mario Siervo, Jose Lara, Clio Oggioni, Sorena Afshar, John C Mathers

**Study Type** : Meta Analysis, Review

### Additional Links

**Substances** : Vitamin C : CK(1957) : AC(404), Vitamin E : CK(1656) : AC(290)

**Diseases** : Cardiovascular Diseases : CK(7342) : AC(916), Endothelial Dysfunction : CK(1210) : AC(237)

**Pharmacological Actions** : Cardioprotective : CK(1596) : AC(409)

**Additional Keywords** : Genomic Variation : CK(143) : AC(18)

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## This study suggests that the absence of $\gamma$ -tocopherol in traditional preparations may be one reason for the lack of consistent salutary effects of vitamin E preparations in clinical trials.

**Pubmed Data** : Clin Cardiol. 2015 Aug 14. Epub 2015 Aug 14. PMID: [26272221](#)

**Article Published Date** : Aug 13, 2015

**Authors** : Pankaj Mathur, Zufeng Ding, Tom Saldeen, Jawahar L Mehta

**Study Type** : Review

**Additional Links**

**Substances** : [Vitamin E : CK\(1656\) : AC\(290\)](#) , [Vitamin E: Gamma-Tocopherol : CK\(50\) : AC\(1\)](#)

**Diseases** : [Atherosclerosis : CK\(601\) : AC\(150\)](#) , [Cardiovascular Diseases : CK\(7342\) : AC\(916\)](#)

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