



## Focused Research Topics

### Vitamin E & Cardiovascular Diseases

Study Types	Research Articles
Human Study	3
Review	4

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# Associated Topics included in this Focused Research

Vitamin E

## View the Evidence

7 Research Articles in Total

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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(941) : AC(140) , 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(15) : AC(4)

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

**Additional Keywords** : Risk Factors : CK(2618) : AC(336)

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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(676) : AC(102)

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

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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(1188) : AC(234)

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

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

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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(1) : AC(1), 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(1188) : AC(234), Inflammation : CK(3025) : AC(882)

**Pharmacological Actions** : Antioxidants : CK(7331) : AC(2682)

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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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## 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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