

Vitamin C

BOTTOM LINE MONOGRAPH

A concise evidence-based review, designed for use by patients or professionals. Based on systematic aggregation and analysis of scientific literature, historic/folkloric precedent, and expert consultation. Edited and peer-reviewed blindly by **Natural Standard** editorial contributors. Includes information on effectiveness, side effects, interactions, dosing, pregnancy and breastfeeding.

[English](#) | [Spanish](#)

FLASHCARD

Quick look-up or patient handout. Easy reading level for consumers. Adapted from a **Natural Standard** comprehensive professional evidence-based systematic review. Concise information includes brief summary, uses, safety, side effects, interactions and dosing.

[Click Here](#)

NEWS ITEMS

August 2007--Omega-3 and Vitamins for Bed Sore Prevention: Omega-3 acid and vitamin supplementation may help prevent bed sores in hospitalized patients, a new study reports....

August 2007--Antioxidants for Bone Health: A diet rich in antioxidants, such as vitamins C and E, may help improve bone health reducing the risk of osteoarthritis, a new study suggests....

July 2007--Vitamin C for the Common Cold: How Effective is it?: Vitamin C supplementation may not reduce the risk of the common cold in the normal population, contrary to popular belief and use, a new review reports....

July 2007--FDA: Tomatoes and Cancer: The U.S. Food and Drug Administration (FDA) has released a review that found only limited evidence for a correlation between eating tomatoes, rich in lycopene, and a decreased risk of certain cancers....

July 2007--Pomegranate Juice for Erectile Dysfunction: Pomegranate juice may help treat erectile dysfunction, a new study suggests. However, evidence remains inconclusive at this time....

June 2007--Ginseng for Cancer-Related Fatigue: Ginseng may relieve cancer-related fatigue, a new study suggests....

June 2007--Apple Peel for Cancer: A new study reports finding over a dozen compounds called triterpenoids in apple peel that appear to inhibit and/or kill cancer cells....

June 2007--Cactus Pear Pads for Diabetes Prevention: Prickly pear cactus pad consumption may stabilize blood sugar after a meal by reducing the glycemic effect, a new study reports....

June 2007--Folic Acid Supplements for Stroke: Folic acid supplements may reduce the risk of stroke, a new study reports. However, their effect on other heart outcomes remains unclear....

May 2007--Curcumin for Health: Curcumin, the yellow pigment of the spice turmeric, may help fight cancer and other diseases, new studies suggest....

May 2007--Bacteria for Asthma and Allergies: Acquisition of Helicobacter pylori (*H. pylori*), which predominantly occurs before the age of 10, may reduce the risks associated with asthma and allergies, a new study reports....

April 2007--Chinese Herbal Medicine for Breast Cancer Patients: Chinese herbal medicines may help ease the side effects of chemotherapy in breast cancer patients, a new Cochrane review suggests....

April 2007--Erycibe Elliptilimba for Breast Cancer: Erycibe elliptilimba, a traditional Thai medicine, may have antiproliferative effects against breast cancer cells, a new study suggests....

April 2007--Mediterranean Diet for Allergies in Children?: A Mediterranean-style diet rich in fruits, vegetables and nuts may help prevent allergic rhinitis and asthma symptoms in children, a new study suggests....

April 2007--Vitamin C Lowers Mouth Cancer Risk: A diet rich in vitamin C may help lower mouth cancer risk, a new study suggests....

April 2007--Hormone Replacement Therapy and Breast Cancer: Hormone replacement therapy (HRT) does appear to increase the risk of breast cancer, according to a new report by researchers from M.D. Anderson Cancer Center in Houston, Texas....

April 2007--More Fruit, Less Meat to Reduce Colon Cancer Risk: Eating more fruit and less meat may help prevent precancerous colon polyps, a new study suggests....

March 2007--Blueberries for Colon Cancer Prevention: Pterostilbene, a compound found in blueberries, may prevent the development of tumors in the colon, a new study suggests....

March 2007--Blue Agave, Tequila for Colon Health: Compounds derived from the blue agave fruit, which is used to make the popular hard liquor tequila, may help deliver drugs to the colon to treat colon diseases such as ulcerative colitis, irritable bowel syndrome (IBS)...

March 2007--Plant Estrogen and Breast Cancer: Plant estrogens may reduce breast cancer in postmenopausal women, a new study reports....

February 2007--Veggies for Enlarged Prostate Risk: Eating a diet rich in vegetables may have a preventative effect against prostate cancer, a new study suggests....

January 2007--Vitamin C and Smoking: Negative effects of smoking act on monocyte's ability to move quickly to the site of infection in tissues; vitamin C may help prevent smoking-induced monocyte function, a new study reports....

January 2007--Vitamin B 12 Deficiency & Loss of Cognitive Function in the Elderly: Vitamin B-12 deficiency in the elderly may be associated with lower cognitive function, a new study suggests....

January 2007--Multivitamins for Undernourished Pregnant Women: Multivitamin and mineral supplements may boost the birth weight of children born to undernourished women, a new study suggests....

October 2006--Salad for Health: A diet rich in salad intake (i.e. the consumption of salads, raw vegetables, and salad dressing) may improve health by assuring dietary guidelines are met, a new study reports....

July 2006--Vitamin C's Effects on Immune Response: Vitamin C supplementation may provide little to no immunity boost after intense endurance exercise, a new study suggests....

April 2006--Vitamin C Shots as Cancer Therapy: In some recent cases, patients with advanced stages of terminal cancers have experienced unusually long periods of remission and/or recovery when they were given vitamin C shots. Dr. Mark Levine of the National Institute...

August 2005--Antioxidants May Negatively Impact Blood Sugar Levels in HIV Patients: A small pilot study of ten patients with lipodystrophy, an HIV-related fat-redistribution syndrome, or continuously high blood levels of lactic acid were given antioxidant supplements...

August 2005--Vitamin C Encourages Stem Cell to Heart Cell Transformation: Researchers at Brigham and Women's Hospital and Harvard Medical School have discovered that vitamin C prompts mouse embryonic stem cells to transform into beating heart muscle cells. The resul...

August 2005--Active Heart Supplement: In an unusual move, two doctors from New Jersey have begun marketing a heart health supplement that they developed themselves. Although not an uncommon practice amongst alternative medicine practitioners, chiropractors and derma...

August 2005--A New Vitamin-Rich Beer Reaches the Market: Lady Bird Bio Beer has recently been released in India; according to its manufacturers it increases bioavailability of vitamins. The special brew contains aloe vera extracts along side the regular barley malt ...

August 2005--Chelation Therapy Involved in Death of Autistic Boy: Last week, a 5-year-old autistic child died during his third chelation treatment from cardiac arrest. Police and doctors at the Advanced Integrative Medicine Center in Portersville, PA have declined t...

May 2005--Pregnant Smokers who Can't Quit may Benefit from Vitamin C: If a smoking mother-to-be cannot quit cigarettes, vitamin C may help counter some of the negative side effects, according to the results of a recent animal study....

January 2005--Vitamin C for Asthma or Allergies: Evidence Remains Inconclusive: A recent study suggests that vitamin C present in breastmilk may actually reduce the risk of the development of childhood atopy (allergies/hypersensitivity) (1). Hypovitaminosis C (vitam...

January 2005--Vitamin C Appears Ineffective for Common Cold Prevention or Treatment (Except During Chronic Extreme Environmental Exposure): The use of vitamin C in prevention/treatment of the common cold and respiratory infections remains controversial, with numerous...

March 2004--Effectiveness of an Herbal Preparation Containing Echinacea, Propolis, and Vitamin C in Preventing Respiratory Tract Infections in Children: A Randomized, Double-blind, Placebo-Controlled, Multicenter Study: Vitamin C...

February 2004--Long-term effect of combined vitamins E and C on coronary and peripheral endothelial function: We tested whether long-term administration of antioxidant vitamins C and E improves coronary and brachial artery endothelial function in patients

with corona...

October 2003--Natural Standard Special Report: CAM Therapies in Cancer and Cancer Prevention: BACKGROUND...

September 2003--High dose of Vitamin C significantly reduces indinavir levels in pilot study: Effect of High-Dose Vitamin C (Vit C) on the Steady-State Pharmacokinetics (PK) of the Protease Inhibitor (PI) Indinavir (IDV) in Healthy Volunteers...

September 2003--Antioxidants effect on pulmonary function in children: The pulmonary function of 2,566 children was examined in relation to intake of fruits, vegetables, juices and vitamins A, C, and E (1). It was found that poor lung function was associated with die...

August 2003--The use of Vitamin C in human health and disease: A discussion about Vitamin C uses, recommended daily allowance for humans, sources, and other benefits and controversies about the vitamin (1)....

June 2003--Effects of Topical Vitamin C on Photoaged Skin: Since Vitamin C posses antioxidant pathways and works in the collagen biosynthetic pathway, topically applied ascorbic acid may have photoprotective action on the skin (1). A double-blind, randomized study s...

March 2003--Effect of vitamin C supplements on urinary oxalate and pH in calcium stone-forming patients: The contribution of ascorbate to urinary oxalate is controversial. The present study aimed to determine whether urinary oxalate and pH may be affected by vitamin ...

July, 2002--New study: vitamin C and vitamin E from foods may lower Alzheimer's disease risk: New study: vitamin C and vitamin E from foods may lower Alzheimer's disease risk. Background: A number of neurodegenerative disorders including Alzheimer's disease have been...

October 2001--A randomized, placebo-controlled, clinical trial of high-dose supplementation with vitamins C and E, beta carotene, and zinc for age-related macular degeneration and vision loss: Vitamin C...

January 1999--Oxidative stress in smokers supplemented with vitamin C: Vitamin C...

NEWS ITEMS ON RELATED TOPICS

September 2007--Pomegranate for Prostate Cancer: Extracts from pomegranate may help prevent prostate cancer, a new animal study suggests....

August 2007--Antioxidant Supplementation may Increase Skin Cancer Risk in Women: Antioxidant may increase the risk of skin cancer in women, but not in men, a new study suggests....

July 2007--Grapefruit and Breast Cancer Risk: Grapefruit may be associated with an increased risk of breast cancer in postmenopausal women, a new study suggests....

June 2007--Pomegranate for Obesity: An extract from pomegranate may help fight obesity by acting as an appetite suppressant, research from a new animal study suggests....

May 2007--Acerola: A recent study examined the flavonoid characteristics of acerola, the fruit of a small tree known as Malpighia glabra L. from the Antilles and northern South America....

April 2007--Antioxidant Supplements and Chemotherapy: Antioxidants supplements may help increase cancer survival rates, tumour response, and the patient's ability to tolerate chemotherapy, suggests a new review....

February 2007--Vitamins E and C and Kidney Cancer: A diet rich in vitamins C and E may help prevent kidney cancer, a new study suggests....

January 2007--Report: Americans get 1/4 Daily Calories from Drinks: The U.S. population gets nearly one quarter of its daily calories from beverages, according to a new report by the Milk Processor Education Program (MilkPEP)....

October 2006--Complementary Medicine and Childhood Depression: There may be no benefit from complementary medicines as a treatment for childhood depression, a new study reports....

September 2006--Micronutrients and the Risk of Enlarged Prostate: Some micronutrients may reduce the risk enlarged prostate or benign prostatic hyperplasia (BPH)....

March 2006--The Antioxidative Power: A study found a new quantitative time dependent (2D) parameter for the determination of the antioxidant capacity and reactivity of different plants, defined as the antioxidative power (AP)....

January 2006--Sodium Copper Chlorophyllin for Leukopenia: A sodium copper chlorophyllin may help treat leukopenia or abnormally low white blood cell count, a new study suggests....

October 2005--Americans Still do not Heed Nutritional Guidelines: A survey of 8,940 people done by a Beltsville-based branch of the federal Agricultural Research Service has found that Americans do not follow diet recommendations. A two-year study followed

participa...

August 2005--Cranberry not Effective Against Certain Kidney Stones: Cranberry juice may be a common treatment for urinary tract infections but researchers have found that it may increase the risk of a certain kind of kidney stone. A study at the Mayo Clinic ran a trial...

August 2005--Folate may Help Reduce Alzheimer's Risk: The inaugural issue of Alzheimer's & Dementia: The Journal of the Alzheimer's Association has reported that a daily folate intake of 400micrograms may reduce the risk of Alzheimer's disease. Elderly people reachi...

July 2005--Pomegranate Juice may Have Neuroprotective Properties: Pomegranate juice diminished brain tissue loss in the neonatal brain in a study published in the Journal of Pediatric Research. Recent developments in biology have found that a diet rich in polyphenols...

June 2005--Protandim: New Antioxidant Therapy: Protandim, a new antioxidant therapy, claims to reduce the signs of aging by rejuvenating the body's natural oxidative defenses....

April 2005--Weight Loss Supplement Lacks Studies: Suvaril is promoted as an all natural weight loss supplement. The new supplement is made of vitamin A, vitamin C, vitamin D, vitamin E, thiamin, riboflavin, niacin, vitamin B6, folate, vitamin B12, biotin, pantothenic...

August 2004--Herbal Medication use in Veterans with Chronic Hepatitis C: Siddiqui et al prospectively studied the proportion of US veterans with chronic hepatitis C that were currently taking vitamins and herbal medications to evaluate factors associated with use of ...

June 2004--Supplementation with Mixed Fruit and Vegetable Juice Concentrates Increased Serum Antioxidants and Folate in Healthy Adults: Vitamin C...

March 2004--Alternative cancer cures: "unproven" or "disproven"?: ABSTRACT OF ARTICLE: ...

July 2003--A Mixed Fruit and Vegetable Concentrate Increases Plasma Antioxidant Vitamins and Folate and Lowers Plasma Homocysteine in Men: Vitamin C...

July 2003--Reduction of Plasma Homocysteine Levels with Dehydrated Fruit and Vegetable Juices: In an all male randomized, double-blind, crossover trial 32 men were given an encapsulated dehydrated juice mixture and were evaluated after 6 weeks for changes in homocyst...

January, 2003--Glucosamine sulfate preparations: variations in amounts of claimed constituents: Glucosamine sulfate preparations: variations in amounts of claimed constituents. New publication: Russell et al. assessed the content of active ingredient in. Fourteen com...

December, 2002--Vitamin E/Antioxidants and Parkinson's disease risk: Vitamin E/Antioxidants and Parkinson's disease risk. New study: Zhang et al. analyzed data from two large cohort studies, the Nurses' Health Study and the Health Professionals Follow-Up Study, in or...

June, 2002--Echinacea for upper respiratory tract infection prevention: equivocal evidence from methodologically weak trials: Echinacea for upper respiratory tract infection prevention: equivocal evidence from methodologically weak trialsSummary: The evidence for. ec...

June, 2002--Echinacea for upper respiratory tract infection treatment: preliminary trials support efficacy: Echinacea for upper respiratory tract infection treatment: preliminary trials support efficacy. Summary: Oral. echinacea. is frequently recommended to reduce t...

May 2002--MRC/BHF Heart Protection Study of cholesterol-lowering therapy and of antioxidant vitamin supplementation in a wide range of patients at increased risk of coronary heart disease death: early safety and efficacy experience: The present randomized trial aims ...

February 1999--Megavitamin and Dietary Treatment in Schizophrenia: A Randomised, Controlled Trial: Vitamin C...

Reference list with links to PubMed: Vitamin C

Lists of published articles for specific topics with live links to the National Library of Medicine (NLM) PubMed database (MEDLINE). These catalogs are limited to MEDLINE-listed citations. Natural Standard also aggregates many publications that are not MEDLINE listed, that are not included in these online lists. These additional citations are available as a part of **Natural Standard** special reports, which can be ordered through questions@naturalstandard.com.

1. Ineffectiveness of vitamin C in treating coryza. Practitioner 1968;200(197):442-445. [View Abstract](#)

2. Vitamin C and the common cold. *Med.Lett.Drugs Ther.* 12-25-1970;12(26):105-106. [View Abstract](#)
3. Vitamin C and the common cold. *Med.J.Aust.* 6-26-1971;1(26):1361-1362. [View Abstract](#)
4. Vitamin C and the common cold. *Nutr.Rev.* 1973;31(10):303-305. [View Abstract](#)
5. Vitamin C and colds. *Lancet* 4-28-1973;1(7809):944. [View Abstract](#)
6. Abel, B. J., Carswell, G., Elton, R., Hargreave, T. B., Kyle, K., Orr, S., Rogers, A., Baxby, K., and Yates, A. Randomised trial of clomiphene citrate treatment and vitamin C for male infertility. *Br.J.Urol.* 1982;54(6):780-784. [View Abstract](#)
7. Adam, K. Lack of effect on mental efficiency of extra vitamin C. *Am.J.Clin.Nutr.* 1981;34(9):1712-1716. [View Abstract](#)
8. Afifi, A. M., Ellis, L., Huntsman, R. G., and Said, M. I. High dose ascorbic acid in the management of thalassaemia leg ulcers--a pilot study. *Br.J.Dermatol.* 1975;92(3):339-341. [View Abstract](#)
9. Aghdassi, E., Royall, D., and Allard, J. P. Oxidative stress in smokers supplemented with vitamin C. *Int.J.Vitam.Nutr.Res.* 1999;69(1):45-51. [View Abstract](#)
10. Akinkugbe, F. M. and Ette, S. I. Ascorbic acid in sickle cell disease: results of a pilot therapeutic trial. *East Afr.Med.J.* 1983;60(10):683-687. [View Abstract](#)
11. Alessio, H. M., Goldfarb, A. H., and Cao, G. Exercise-induced oxidative stress before and after vitamin C supplementation. *Int.J.Sport Nutr.* 1997;7(1):1-9. [View Abstract](#)
12. Allampallam, K., Chakraborty, J., and Robinson, J. Effect of ascorbic acid and growth factors on collagen metabolism of flexor retinaculum cells from individuals with and without carpal tunnel syndrome. *J.Occup.Environ.Med.* 2000;42(3):251-259. [View Abstract](#)
13. Allen, E. S. Effect of timed release on the bioavailability of ascorbic acid: Ascorbicap vs. non-timed dosage forms. *Curr.Ther.Res.Clin.Exp.* 1969;11(12):745-749. [View Abstract](#)
14. Anah, C. O., Jarike, L. N., and Baig, H. A. High dose ascorbic acid in Nigerian asthmatics. *Trop.Geogr.Med.* 1980;32(2):132-137. [View Abstract](#)
15. Anderson, D., Phillips, B. J., Yu, T. W., Edwards, A. J., Ayesh, R., and Butterworth, K. R. The effects of vitamin C supplementation on biomarkers of oxygen radical generated damage in human volunteers with "low" or "high" cholesterol levels. *Environ.Mol.Mutagen.* 1997;30(2):161-174. [View Abstract](#)
16. Anderson, R., Hay, I., van Wyk, H. A., and Theron, A. Ascorbic acid in bronchial asthma. *S.Afr.Med.J.* 4-23-1983;63(17):649-652. [View Abstract](#)
17. Anderson, T. W., Reid, D. B., and Beaton, G. H. Vitamin C and the common cold: a double-blind trial. *Can.Med.Assoc.J.* 9-23-1972;107(6):503-508. [View Abstract](#)
18. Anderson, T. W., Suranyi, G., and Beaton, G. H. The effect on winter illness of large doses of vitamin C. *Can.Med.Assoc.J.* 7-6-1974;111(1):31-36. [View Abstract](#)
19. Anderson, T. W. Large-scale trials of vitamin C in the prevention and treatment of "colds". *Acta Vitaminol. Enzymol.* 1974;28(1-4):99-100. [View Abstract](#)
20. Anderson, T. W. and Beaton, G. H. Letter: Ascorbic acid in treatment of pressure-sores. *Lancet* 10-19-1974;2(7886):957-958. [View Abstract](#)
21. Anderson, T. W., Beaton, G. H., Corey, P., and Spero, L. Winter illness and vitamin C: the effect of relatively low doses. *Can.Med.Assoc.J.* 4-5-1975;112(7):823-826. [View Abstract](#)
22. Anderson, T. W. Large-scale trials of vitamin C. *Ann.N.Y.Acad.Sci.* 9-30-1975;258:498-504. [View Abstract](#)
23. Anderson, T. W. Large scale studies with vitamin C. *Acta Vitaminol. Enzymol.* 1977;31(1-5):43-50. [View Abstract](#)

24. Andrews, C. T. and Wilson, T. S. Vitamin C and thrombotic episodes. *Lancet* 7-7-1973;2(7819):39. [View Abstract](#)
25. Andrews, J., Letcher, M., and Brook, M. Vitamin C supplementation in the elderly: a 17-month trial in an old persons' home. *Br.Med.J.* 5-17-1969;2(654):416-418. [View Abstract](#)
26. Andrews, J. Letter: Clinical trials with vitamin C. *Lancet* 11-2-1974;2(7888):1080. [View Abstract](#)
27. Aro, A., Kyllastinen, M., Kostiainen, E., Gref, C. G., Elfving, S., and Uusitalo, U. No effect on serum lipids by moderate and high doses of vitamin C in elderly subjects with low plasma ascorbic acid levels. *Ann.Nutr.Metab* 1988;32(3):133-137. [View Abstract](#)
28. Arthur, G., Monro, J. A., Poore, P., Rilwan, W. B., and Murphy, E. L. Trial of ascorbic acid in purpura and sublingual haemorrhages. *Br.Med.J.* 3-25-1967;1(542):732-733. [View Abstract](#)
29. Aslanian, N. V., Golubkina, N. A., Khotimchenko, S. A., and Shikh, E. V. [The concentration of vitamin C and selenium in serum of volunteers, receiving different vitamin preparations]. *Vopr.Pitan.* 2002;71(4):9-12. [View Abstract](#)
30. Audera, C., Patulny, R. V., Sander, B. H., and Douglas, R. M. Mega-dose vitamin C in treatment of the common cold: a randomised controlled trial. *Med.J.Aust.* 10-1-2001;175(7):359-362. [View Abstract](#)
31. Aurer-Kozelj, J., Kralj-Klobucar, N., Buzina, R., and Bacic, M. The effect of ascorbic acid supplementation on periodontal tissue ultrastructure in subjects with progressive periodontitis. *Int.J.Vitam.Nutr.Res.* 1982;52(3):333-341. [View Abstract](#)
32. Babu, J. R., Sundravel, S., Arumugam, G., Renuka, R., Deepa, N., and Sachdanandam, P. Salubrious effect of vitamin C and vitamin E on tamoxifen-treated women in breast cancer with reference to plasma lipid and lipoprotein levels. *Cancer Lett.* 4-3-2000;151(1):1-5. [View Abstract](#)
33. Back, D. J., Breckenridge, A. M., MacIver, M., Orme, M. L., Purba, H., and Rowe, P. H. Interaction of ethinyloestradiol with ascorbic acid in man. *Br.Med.J.(Clin.Res.Ed)* 5-9-1981;282(6275):1516. [View Abstract](#)
34. Bahlis, N. J., McCafferty-Grad, J., Jordan-McMurry, I., Neil, J., Reis, I., Kharfan-Dabaja, M., Eckman, J., Goodman, M., Fernandez, H. F., Boise, L. H., and Lee, K. P. Feasibility and correlates of arsenic trioxide combined with ascorbic acid-mediated depletion of intracellular glutathione for the treatment of relapsed/refractory multiple myeloma. *Clin.Cancer Res.* 2002;8(12):3658-3668. [View Abstract](#)
35. Bailey, D. A., Carron, A. V., and Teece, R. G. Effect of vitamin C supplementation upon the physiological response to exercise in trained and untrained subjects. *Int.Z.Vitaminforsch.* 1970;40(4):435-441. [View Abstract](#)
36. Bailey, D. A., Carron, A. V., Teece, R. G., and Wehner, H. J. Vitamin C supplementation related to physiological response to exercise in smoking and nonsmoking subjects. *Am.J.Clin.Nutr.* 1970;23(7):905-912. [View Abstract](#)
37. Baird, I. M., Walters, R. L., and Sutton, D. R. Absorption of slow-release iron and effects of ascorbic acid in normal subjects and after partial gastrectomy. *Br.Med.J.* 11-30-1974;4(5943):505-508. [View Abstract](#)
38. Baird, I. M., Hughes, R. E., Wilson, H. K., Davies, J. E., and Howard, A. N. The effects of ascorbic acid and flavonoids on the occurrence of symptoms normally associated with the common cold. *Am.J.Clin.Nutr.* 1979;32(8):1686-1690. [View Abstract](#)
39. Bali, L. and Callaway, E. Vitamin C and migraine: a case report. *N.Engl.J.Med.* 8-17-1978;299(7):364. [View Abstract](#)
40. Ballmer, P. E., Reinhart, W. H., Jordan, P., Buhler, E., Moser, U. K., and Gey, K. F. Depletion of plasma vitamin C but not of vitamin E in response to cardiac operations. *J.Thorac.Cardiovasc.Surg.* 1994;108(2):311-320. [View Abstract](#)
41. Bancalari, A., Seguel, C., Neira, F., Ruiz, I., and Calvo, C. [Prophylactic value of vitamin C in acute respiratory tract infections in schoolchildren]. *Rev.Med.Chil.* 1984;112(9):871-876. [View Abstract](#)

42. Bass, W. T., Malati, N., Castle, M. C., and White, L. E. Evidence for the safety of ascorbic acid administration to the premature infant. *Am.J.Perinatol.* 1998;15(2):133-140. [View Abstract](#)
43. Bassenge, E., Fink, N., Skatchkov, M., and Fink, B. Dietary supplement with vitamin C prevents nitrate tolerance. *J.Clin.Invest* 7-1-1998;102(1):67-71. [View Abstract](#)
44. Baxmann, A. C., De, O. G. M., and Heilberg, I. P. Effect of vitamin C supplements on urinary oxalate and pH in calcium stone-forming patients. *Kidney Int.* 2003;63(3):1066-1071. [View Abstract](#)
45. Bayerle-Eder, M., Pleiner, J., Mittermayer, F., Schaller, G., Roden, M., Waldhausl, W., Bieglmayer, C., and Wolzt, M. Effect of systemic vitamin C on free fatty acid-induced lipid peroxidation. *Diabetes Metab* 2004;30(5):433-439. [View Abstract](#)
46. Beaton, G. H. and Whalen, S. Vitamin C and the common cold. *Can.Med.Assoc.J.* 8-21-1971;105(4):355-357. [View Abstract](#)
47. Bednar, C. and Kies, C. Nitrate and vitamin C from fruits and vegetables: impact of intake variations on nitrate and nitrite excretions of humans. *Plant Foods Hum.Nutr.* 1994;45(1):71-80. [View Abstract](#)
48. Bellioni, P., Artuso, A., Di Luzio, Paparatti U., and Salvinelli, F. [Histaminic provocation in allergy. The role of ascorbic acid]. *Riv.Eur.Sci.Med.Farmacol.* 1987;9(4):419-422. [View Abstract](#)
49. Benton, D. The influence of large doses of vitamin C on psychological functioning. *Psychopharmacology (Ber)* 1981;75(1):98-99. [View Abstract](#)
50. Berenson, J. R., Swift, R. A., Ferretti, D., and Purner, M. B. A prospective, open-label safety and efficacy study of combination treatment with melphalan, arsenic trioxide, and ascorbic acid in patients with relapsed or refractory multiple myeloma. *Clin.Lymphoma* 2004;5(2):130-134. [View Abstract](#)
51. Beser, E. The effects of short-term vitamin C on plasma bun, uric acid, cholesterol and triglyceride levels. *Acta Med.Hung.* 1991;48(1-2):73-78. [View Abstract](#)
52. Bhagavan, H. N. and Wolkoff, B. I. Correlation between the disintegration time and the bioavailability of vitamin C tablets. *Pharm.Res.* 1993;10(2):239-242. [View Abstract](#)
53. Birwe, H., Schneeberger, W., and Hesse, A. Investigations of the efficacy of ascorbic acid therapy in cystinuria. *Urol.Res.* 1991;19(3):199-201. [View Abstract](#)
54. Bishop, N., Schorah, C. J., and Wales, J. K. The effect of vitamin C supplementation on diabetic hyperlipidaemia: a double blind, crossover study. *Diabet.Med.* 1985;2(2):121-124. [View Abstract](#)
55. Block, G., Mangels, A. R., Patterson, B. H., Levander, O. A., Norkus, E. P., and Taylor, P. R. Body weight and prior depletion affect plasma ascorbate levels attained on identical vitamin C intake: a controlled-diet study. *J.Am.Coll.Nutr.* 1999;18(6):628-637. [View Abstract](#)
56. Block, G., Mangels, A. R., Norkus, E. P., Patterson, B. H., Levander, O. A., and Taylor, P. R. Ascorbic acid status and subsequent diastolic and systolic blood pressure. *Hypertension* 2001;37(2):261-267. [View Abstract](#)
57. Block, G. Ascorbic acid, blood pressure, and the American diet. *Ann.N.Y.Acad.Sci.* 2002;959:180-187. [View Abstract](#)
58. Blomberg, A., Sainsbury, C., Rudell, B., Frew, A. J., Holgate, S. T., Sandstrom, T., and Kelly, F. J. Nasal cavity lining fluid ascorbic acid concentration increases in healthy human volunteers following short term exposure to diesel exhaust. *Free Radic.Res.* 1998;28(1):59-67. [View Abstract](#)
59. Boffa, M. J., Ead, R. D., Reed, P., and Weinkove, C. A double-blind, placebo-controlled, crossover trial of oral vitamin C in erythropoietic protoporphyrinia. *Photodermatol.Photoimmunol.Photomed.* 1996;12(1):27-30. [View Abstract](#)
60. Boidin, M. P., Stuurman, A., and Erdmann, W. Ascorbic acid prevents cimetidine-induced decrease of serum hydrocortisone concentrations. *Pharm.Weekbl.Sci.* 8-24-1990;12(4):151-153. [View Abstract](#)
61. Bordia, A. K. The effect of vitamin C on blood lipids, fibrinolytic activity and platelet adhesiveness in patients

- with coronary artery disease. *Atherosclerosis* 1980;35(2):181-187. [View Abstract](#)
62. Briggs, M. H. Letter: Clinical trials with vitamin C. *Lancet* 11-16-1974;2(7890):1211-1212. [View Abstract](#)
63. Briggs, M. H. Megadose vitamin C and metabolic effects of the pill. *Br.Med.J.(Clin.Res.Ed)* 12-5-1981;283(6305):1547. [View Abstract](#)
64. Brody, S., Preut, R., Schommer, K., and Schurmeyer, T. H. A randomized controlled trial of high dose ascorbic acid for reduction of blood pressure, cortisol, and subjective responses to psychological stress. *Psychopharmacology (Berl)* 2002;159(3):319-324. [View Abstract](#)
65. Brody, S. High-dose ascorbic acid increases intercourse frequency and improves mood: a randomized controlled clinical trial. *Biol.Psychiatry* 8-15-2002;52(4):371-374. [View Abstract](#)
66. Brody, S. and Preut, R. Cannabis, tobacco, and caffeine use modify the blood pressure reactivity protection of ascorbic acid. *Pharmacol.Biochem.Behav.* 2002;72(4):811-816. [View Abstract](#)
67. Brundig, P., Borner, R. H., Berg, W., Pirlich, W., Bohm, W. D., Hoffmann, L., and Klein, B. [Possibilities and limits in the treatment of cystine calculus diathesis with high-dose ascorbic acid. Results of a combined study with 17 patients]. *Z.Urol.Nephrol.* 1986;79(3):137-146. [View Abstract](#)
68. Bruno, R. S., Ramakrishnan, R., Montine, T. J., Bray, T. M., and Traber, M. G. {alpha}-Tocopherol disappearance is faster in cigarette smokers and is inversely related to their ascorbic acid status. *Am.J.Clin.Nutr.* 2005;81(1):95-103. [View Abstract](#)
69. Bucca, C., Rolla, G., Caria, E., Arossa, W., and Bugiani, M. Effects of vitamin C on airway responsiveness to inhaled histamine in heavy smokers. *Eur.Respir.J.* 1989;2(3):229-233. [View Abstract](#)
70. Bucca, C., Rolla, G., Oliva, A., and Farina, J. C. Effect of vitamin C on histamine bronchial responsiveness of patients with allergic rhinitis. *Ann.Allergy* 1990;65(4):311-314. [View Abstract](#)
71. Burr, R. G. and Rajan, K. T. Leucocyte ascorbic acid and pressure sores in paraplegia. *Br.J.Nutr.* 1972;28(2):275-281. [View Abstract](#)
72. Bussey, H. J., DeCosse, J. J., Deschner, E. E., Evers, A. A., Lesser, M. L., Morson, B. C., Ritchie, S. M., Thomson, J. P., and Wadsworth, J. A randomized trial of ascorbic acid in polyposis coli. *Cancer* 10-1-1982;50(7):1434-1439. [View Abstract](#)
73. Buzzard, I. M., McRoberts, M. R., Driscoll, D. L., and Bowering, J. Effect of dietary eggs and ascorbic acid on plasma lipid and lipoprotein cholesterol levels in healthy young men. *Am.J.Clin.Nutr.* 1982;36(1):94-105. [View Abstract](#)
74. Byerley, L. O. and Kirksey, A. Effects of different levels of vitamin C intake on the vitamin C concentration in human milk and the vitamin C intakes of breast-fed infants. *Am.J.Clin.Nutr.* 1985;41(4):665-671. [View Abstract](#)
75. Cafolla, A., Dragoni, F., Girelli, G., Tosti, M. E., Costante, A., De Luca, A. M., Funaro, D., and Scott, C. S. Effect of folic acid and vitamin C supplementation on folate status and homocysteine level: a randomised controlled trial in Italian smoker-blood donors. *Atherosclerosis* 2002;163(1):105-111. [View Abstract](#)
76. Calabrese, E. J., Stoddard, A., Leonard, D. A., and Dinardi, S. R. The effects of vitamin C supplementation on blood and hair levels of cadmium, lead, and mercury. *Ann.N.Y.Acad.Sci.* 1987;498:347-353. [View Abstract](#)
77. Candan, F., Gultekin, F., and Candan, F. Effect of vitamin C and zinc on osmotic fragility and lipid peroxidation in zinc-deficient haemodialysis patients. *Cell Biochem.Funct.* 2002;20(2):95-98. [View Abstract](#)
78. Cantatore, F. P., Loperfido, M. C., Magli, D. M., Mancini, L., and Carrozzo, M. The importance of vitamin C for hydroxylation of vitamin D3 to 1,25(OH)2D3 in man. *Clin.Rheumatol.* 1991;10(2):162-167. [View Abstract](#)
79. Carr, A. B., Martin, N. G., and Whitfield, J. B. Usefulness of the co-twin control design in investigations as exemplified in a study of effects of ascorbic acid on laboratory test results. *Clin.Chem.* 1981;27(8):1469-1470. [View Abstract](#)

80. Carr, A. B., Einstein, R., Lai, L. Y., Martin, N. G., and Starmer, G. A. Vitamin C and the common cold: using identical twins as controls. *Med.J.Aust.* 10-17-1981;2(8):411-412. [View Abstract](#)
81. Carr, A. B., Einstein, R., Lai, L. Y., Martin, N. G., and Starmer, G. A. Vitamin C and the common cold: a second MZ Cotwin control study. *Acta Genet.Med.Gemellol.(Roma.)* 1981;30(4):249-255. [View Abstract](#)
82. Carson, M., Corbett, M., Cox, H., and Pollitt, N. Letter: Vitamin C and the common cold. *Br.Med.J.* 3-23-1974;1(907):577. [View Abstract](#)
83. Carson, M., Cox, H., Corbett, M., and Pollitt, N. Vitamin C and the common cold. *J.Soc.Occup.Med.* 1975;25(3):99-102. [View Abstract](#)
84. Carty, J. L., Bevan, R., Waller, H., Mistry, N., Cooke, M., Lunec, J., and Griffiths, H. R. The effects of vitamin C supplementation on protein oxidation in healthy volunteers. *Biochem.Biophys.Res.Commun.* 7-5-2000;273(2):729-735. [View Abstract](#)
85. Castello, T., Girona, L., Gomez, M. R., Mena, Mur A., and Garcia, L. The possible value of ascorbic acid as a prophylactic agent for urinary tract infection. *Spinal Cord.* 1996;34(10):592-593. [View Abstract](#)
86. Cazeneuve, J. F., Leborgne, J. M., Kermad, K., and Hassan, Y. [Vitamin C and prevention of reflex sympathetic dystrophy following surgical management of distal radius fractures]. *Acta Orthop.Belg.* 2002;68(5):481-484. [View Abstract](#)
87. Cerna, O., Ramacsay, L., and Ginter, E. Plasma lipids, lipoproteins and atherogenic index in men and women administered vitamin C. *Cor Vasa* 1992;34(3):246-254. [View Abstract](#)
88. Chalmers, T. C. Effects of ascorbic acid on the common cold. An evaluation of the evidence. *Am.J.Med.* 1975;58(4):532-536. [View Abstract](#)
89. Chambers, D. C. and Ayres, J. G. Effects of nitrogen dioxide exposure and ascorbic acid supplementation on exhaled nitric oxide in healthy human subjects. *Thorax* 2001;56(10):774-778. [View Abstract](#)
90. Chambers, J. C., McGregor, A., Jean-Marie, J., Obeid, O. A., and Kooner, J. S. Demonstration of rapid onset vascular endothelial dysfunction after hyperhomocysteinemia: an effect reversible with vitamin C therapy. *Circulation* 3-9-1999;99(9):1156-1160. [View Abstract](#)
91. Chappell, L. C., Seed, P. T., Kelly, F. J., Briley, A., Hunt, B. J., Charnock-Jones, D. S., Mallet, A., and Poston, L. Vitamin C and E supplementation in women at risk of preeclampsia is associated with changes in indices of oxidative stress and placental function. *Am.J.Obstet.Gynecol.* 2002;187(3):777-784. [View Abstract](#)
92. Chen, W. T., Lin, Y. F., Yu, F. C., Kao, W. Y., Huang, W. H., and Yan, H. C. Effect of ascorbic acid administration in hemodialysis patients on in vitro oxidative stress parameters: influence of serum ferritin levels. *Am.J.Kidney Dis.* 2003;42(1):158-166. [View Abstract](#)
93. Cheraskin, E. and Ringsdorf, W. M., Jr. A lingual vitamin C test: IV. Relationship to intradermal time. *Int.Z.Vitaminforsch.* 1968;38(1):123-126. [View Abstract](#)
94. Cheraskin, E. and Ringsdorf, W. M., Jr. A lingual vitamin C test. V. A study in dietary relationships. *Int.Z.Vitaminforsch.* 1968;38(2):254-256. [View Abstract](#)
95. Cheraskin, E. and Ringsdorf, W. M., Jr. A lingual vitamin C test. VI. Effect of three week vitamin C versus placebo supplementation. *Int.Z.Vitaminforsch.* 1968;38(2):257-259. [View Abstract](#)
96. Cheraskin, E. and Ringsdorf, W. M., Jr. A lingual vitamin C test: 3. Relationship to plasma ascorbic acid level. *Int.Z.Vitaminforsch.* 1968;38(1):120-122. [View Abstract](#)
97. Cheraskin, E. and Ringsdorf, W. M., Jr. A lingual vitamin C test: I. Reproducibility. *Int.Z.Vitaminforsch.* 1968;38(1):114-117. [View Abstract](#)
98. Cheraskin, E. and Ringsdorf, W. M., Jr. A lingual vitamin C test: II. Daily constancy. *Int.Z.Vitaminforsch.* 1968;38(1):118-119. [View Abstract](#)
99. Cheraskin, E. and Ringsdorf, W. M., Jr. A lingual vitamin C test. 18. Effect of protein upon vitamin C state.

- Ala J.Med.Sci. 1970;7(3):288-290. [View Abstract](#)
100. Cheraskin, E., Ringsdorf, W. M., Jr., and Medford, F. H. Daily vitamin C consumption and fatigability. J.Am.Geriatr.Soc. 1976;24(3):136-137. [View Abstract](#)
101. Childs, A., Jacobs, C., Kaminski, T., Halliwell, B., and Leeuwenburgh, C. Supplementation with vitamin C and N-acetyl-cysteine increases oxidative stress in humans after an acute muscle injury induced by eccentric exercise. Free Radic.Biol.Med. 9-15-2001;31(6):745-753. [View Abstract](#)
102. Chistolini, A., Mazzucconi, G., De, Sanctis, V., Dragoni, F., and Mandelli, F. Ascorbic acid for the treatment of autoimmune thrombocytopenic purpura. Haematologica 1992;77(2):187-188. [View Abstract](#)
103. Chuang, C. H., Sheu, B. S., Huang, A. H., Yang, H. B., and Wu, J. J. Vitamin C and E supplements to lansoprazole-amoxicillin-metronidazole triple therapy may reduce the eradication rate of metronidazole-susceptible Helicobacter pylori infection. Helicobacter. 2002;7(5):310-316. [View Abstract](#)
104. Clegg, K. M. Studies associated with ascorbic acid. Acta Vitaminol. Enzymol. 1974;28(1-4):101-102. [View Abstract](#)
105. Cohen, H. A., Neuman, I., and Nahum, H. Blocking effect of vitamin C in exercise-induced asthma. Arch.Pediatr.Adolesc.Med. 1997;151(4):367-370. [View Abstract](#)
106. Cohen, H. A., Varsano, I., Kahan, E., Sarrell, E. M., and Uziel, Y. Effectiveness of an herbal preparation containing echinacea, propolis, and vitamin C in preventing respiratory tract infections in children: a randomized, double-blind, placebo-controlled, multicenter study. Arch.Pediatr.Adolesc.Med. 2004;158(3):217-221. [View Abstract](#)
107. Cooke, M. S., Evans, M. D., Podmore, I. D., Herbert, K. E., Mistry, N., Mistry, P., Hickenbotham, P. T., Hussieni, A., Griffiths, H. R., and Lunec, J. Novel repair action of vitamin C upon in vivo oxidative DNA damage. FEBS Lett. 11-20-1998;439(3):363-367. [View Abstract](#)
108. Cooke, M. S., Mistry, N., Ahmad, J., Waller, H., Langford, L., Bevan, R. J., Evans, M. D., Jones, G. D., Herbert, K. E., Griffiths, H. R., and Lunec, J. Deoxycytidine glyoxal: lesion induction and evidence of repair following vitamin C supplementation in vivo. Free Radic.Biol.Med. 1-15-2003;34(2):218-225. [View Abstract](#)
109. Coulehan, J. L., Reisinger, K. S., Rogers, K. D., and Bradley, D. W. Vitamin C prophylaxis in a boarding school. N Engl.J.Med. 1-3-1974;290(1):6-10. [View Abstract](#)
110. Coulehan, J. L., Kapner, L., Eberhard, S., Taylor, F. H., and Rogers, K. D. Vitamin C and upper respiratory illness in Navaho children: preliminary observations (1974). Ann.N.Y.Acad.Sci. 9-30-1975;258:513-522. [View Abstract](#)
111. Coulehan, J. L., Eberhard, S., Kapner, L., Taylor, F., Rogers, K., and Garry, P. Vitamin C and acute illness in Navajo school children. N Engl.J.Med. 10-28-1976;295(18):973-977. [View Abstract](#)
112. Coulehan, J. L. Ascorbic acid and the common cold: reviewing the evidence. Postgrad.Med. 1979;66(3):153-8, 160. [View Abstract](#)
113. Cowan, A. The influence of vitamin C on the periodontal membrane space--a radiographic study. Ir.J.Med.Sci. 1976;145(9):273-284. [View Abstract](#)
114. Cox, B. D. and Butterfield, W. J. Vitamin C supplements and diabetic cutaneous capillary fragility. Br.Med.J. 7-26-1975;3(5977):205. [View Abstract](#)
115. Creagan, E. T., Moertel, C. G., O'Fallon, J. R., Schutt, A. J., O'Connell, M. J., Rubin, J., and Frytak, S. Failure of high-dose vitamin C (ascorbic acid) therapy to benefit patients with advanced cancer. A controlled trial. N Engl.J.Med. 9-27-1979;301(13):687-690. [View Abstract](#)
116. Cross, J. M., Donald, A. E., Nuttal, S. L., Deanfield, J. E., Woolfson, R. G., and Macallister, R. J. Vitamin C improves resistance but not conduit artery endothelial function in patients with chronic renal failure. Kidney Int. 2003;63(4):1433-1442. [View Abstract](#)
117. Cunningham, J. J., Mearkle, P. L., and Brown, R. G. Vitamin C: an aldose reductase inhibitor that normalizes

- erythrocyte sorbitol in insulin-dependent diabetes mellitus. *J.Am.Coll.Nutr.* 1994;13(4):344-350. [View Abstract](#)
118. Dammann, H. G., Saleki, M., Torz, M., Schulz, H. U., Krupp, S., Schurer, M., Timm, J., and Gessner, U. Effects of buffered and plain acetylsalicylic acid formulations with and without ascorbic acid on gastric mucosa in healthy subjects. *Aliment.Pharmacol.Ther.* 2-1-2004;19(3):367-374. [View Abstract](#)
119. Darko, D., Dornhorst, A., Kelly, F. J., Ritter, J. M., and Chowienczyk, P. J. Lack of effect of oral vitamin C on blood pressure, oxidative stress and endothelial function in Type II diabetes. *Clin.Sci.(Lond)* 2002;103(4):339-344. [View Abstract](#)
120. Davidsson, L., Galan, P., Kastenmayer, P., Cherouvrier, F., Juillerat, M. A., Hercberg, S., and Hurrell, R. F. Iron bioavailability studied in infants: the influence of phytic acid and ascorbic acid in infant formulas based on soy isolate. *Pediatr.Res.* 1994;36(6):816-822. [View Abstract](#)
121. Davidsson, L., Almgren, A., Juillerat, M. A., and Hurrell, R. F. Manganese absorption in humans: the effect of phytic acid and ascorbic acid in soy formula. *Am.J.Clin.Nutr.* 1995;62(5):984-987. [View Abstract](#)
122. Davidsson, L., Walczyk, T., Morris, A., and Hurrell, R. F. Influence of ascorbic acid on iron absorption from an iron-fortified, chocolate-flavored milk drink in Jamaican children. *Am.J.Clin.Nutr.* 1998;67(5):873-877. [View Abstract](#)
123. Davidsson, L., Walczyk, T., Zavaleta, N., and Hurrell, R. Improving iron absorption from a Peruvian school breakfast meal by adding ascorbic acid or Na2EDTA. *Am.J.Clin.Nutr.* 2001;73(2):283-287. [View Abstract](#)
124. Davidsson, L., Dimitriou, T., Walczyk, T., and Hurrell, R. F. Iron absorption from experimental infant formulas based on pea (*Pisum sativum*)-protein isolate: the effect of phytic acid and ascorbic acid. *Br.J.Nutr.* 2001;85(1):59-63. [View Abstract](#)
125. Daviglus, M. L., O'renica, A. J., Dyer, A. R., Liu, K., Morris, D. K., Persky, V., Chavez, N., Goldberg, J., Drum, M., Shekelle, R. B., and Stamler, J. Dietary vitamin C, beta-carotene and 30-year risk of stroke: results from the Western Electric Study. *Neuroepidemiology* 1997;16(2):69-77. [View Abstract](#)
126. Dawson, B., Henry, G. J., Goodman, C., Gillam, I., Beilby, J. R., Ching, S., Fabian, V., Dasig, D., Morling, P., and Kakulus, B. A. Effect of Vitamin C and E supplementation on biochemical and ultrastructural indices of muscle damage after a 21 km run. *Int.J.Sports Med.* 2002;23(1):10-15. [View Abstract](#)
127. Dawson, E. B., Harris, W. A., and Powell, L. C. Relationship between ascorbic acid and male fertility. *World Rev.Nutr.Diet.* 1990;62:1-26. [View Abstract](#)
128. Dawson, E. B., Harris, W. A., Teter, M. C., and Powell, L. C. Effect of ascorbic acid supplementation on the sperm quality of smokers. *Fertil.Steril.* 1992;58(5):1034-1039. [View Abstract](#)
129. Dawson, E. B., Evans, D. R., Harris, W. A., and McGanity, W. J. The effect of ascorbic acid supplementation on the nicotine metabolism of smokers. *Prev.Med.* 1999;29(6 Pt 1):451-454. [View Abstract](#)
130. Dawson, E. B., Evans, D. R., Harris, W. A., Teter, M. C., and McGanity, W. J. The effect of ascorbic acid supplementation on the blood lead levels of smokers. *J.Am.Coll.Nutr.* 1999;18(2):166-170. [View Abstract](#)
131. De Lange-de Klerk ES. [Lower incidence of posttraumatic dystrophy in wrist fractures after prophylactic supplementation of vitamin C]. *Ned.Tijdschr.Geneesk.* 10-14-2000;144(42):2035-2036. [View Abstract](#)
132. De Lorenzo, A., Andreoli, A., Sinibaldi, Salime P., D'Orazio, Guidi, A., and Ghiselli, A. [Determination of the blood ascorbic acid level after administration of slow-release vitamin C]. *Clin.Ter.* 2001;152(2):87-90. [View Abstract](#)
133. Deira, J., Diego, J., Martinez, R., Oyarbide, A., Gonzalez, A., Diaz, H., and Grande, J. Comparative study of intravenous ascorbic acid versus low-dose desferroxamine in patients on hemodialysis with hyperferritinemia. *J.Nephrol.* 2003;16(5):703-709. [View Abstract](#)
134. Delafuente, J. C., Prendergast, J. M., and Modigh, A. Immunologic modulation by vitamin C in the elderly. *Int.J.Immunopharmacol.* 1986;8(2):205-211. [View Abstract](#)
135. Demirag, K., Askar, F. Z., Uyar, M., Cevik, A., Ozmen, D., Mutaf, I., and Bayindir, O. The protective effects of

- high dose ascorbic acid and diltiazem on myocardial ischaemia-reperfusion injury. Middle East J.Anesthesiol. 2001;16(1):67-79. [View Abstract](#)
136. Deng, Y. B., Xiang, H. J., Chang, Q., and Li, C. L. Evaluation by high-resolution ultrasonography of endothelial function in brachial artery after Kawasaki disease and the effects of intravenous administration of vitamin C. Circ.J. 2002;66(10):908-912. [View Abstract](#)
137. Dietrich, M., Block, G., Benowitz, N. L., Morrow, J. D., Hudes, M., Jacob, P., III, Norkus, E. P., and Packer, L. Vitamin C supplementation decreases oxidative stress biomarker f2-isoprostanes in plasma of nonsmokers exposed to environmental tobacco smoke. Nutr.Cancer 2003;45(2):176-184. [View Abstract](#)
138. Dingchao, H., Zhiduan, Q., Liye, H., and Xiaodong, F. The protective effects of high-dose ascorbic acid on myocardium against reperfusion injury during and after cardiopulmonary bypass. Thorac.Cardiovasc.Surg. 1994;42(5):276-278. [View Abstract](#)
139. Dobson, H. M., Muir, M. M., and Hume, R. The effect of ascorbic acid on the seasonal variations in serum cholesterol levels. Scott.Med.J. 1984;29(3):176-182. [View Abstract](#)
140. Dolske, M. C., Spollen, J., McKay, S., Lancashire, E., and Tolbert, L. A preliminary trial of ascorbic acid as supplemental therapy for autism. Prog.NeuroPsychopharmacol.Biol.Psychiatry 1993;17(5):765-774. [View Abstract](#)
141. Domingo, J. L., Gomez, M., Llobet, J. M., and Richart, C. Effect of ascorbic acid on gastrointestinal aluminium absorption. Lancet 12-7-1991;338(8780):1467. [View Abstract](#)
142. Doyle, J., Vreman, H. J., Stevenson, D. K., Brown, E. J., Schmidt, B., Paes, B., Ohlsson, A., Boulton, J., Kelly, E., Gillie, P., Lewis, N., Merko, S., Shaw, D., and Zipursky, A. Does vitamin C cause hemolysis in premature newborn infants? Results of a multicenter double-blind, randomized, controlled trial. J.Pediatr. 1997;130(1):103-109. [View Abstract](#)
143. Drossos, G. E., Toumpoulis, I. K., Katritsis, D. G., Ioannidis, J. P., Kontogiorgi, P., Svarna, E., and Anagnostopoulos, C. E. Is vitamin C superior to diltiazem for radial artery vasodilation in patients awaiting coronary artery bypass grafting? J.Thorac.Cardiovasc.Surg. 2003;125(2):330-335. [View Abstract](#)
144. Du, W. D., Yuan, Z. R., Sun, J., Tang, J. X., Cheng, A. Q., Shen, D. M., Huang, C. J., Song, X. H., Yu, X. F., and Zheng, S. B. Therapeutic efficacy of high-dose vitamin C on acute pancreatitis and its potential mechanisms. World J.Gastroenterol. 2003;9(11):2565-2569. [View Abstract](#)
145. Duffy, S. J., Gokce, N., Holbrook, M., Huang, A., Frei, B., Keaney, J. F., Jr., and Vita, J. A. Treatment of hypertension with ascorbic acid. Lancet 12-11-1999;354(9195):2048-2049. [View Abstract](#)
146. Duffy, S. J., Gokce, N., Holbrook, M., Hunter, L. M., Biegelsen, E. S., Huang, A., Keaney, J. F., Jr., and Vita, J. A. Effect of ascorbic acid treatment on conduit vessel endothelial dysfunction in patients with hypertension. Am.J.Physiol Heart Circ.Physiol 2001;280(2):H528-H534. [View Abstract](#)
147. Dykes, M. H. and Meier, P. Ascorbic acid and the common cold. Evaluation of its efficacy and toxicity. JAMA 3-10-1975;231(10):1073-1079. [View Abstract](#)
148. Eberlein-Konig, B., Placzek, M., and Przybilla, B. Phototoxic lysis of erythrocytes from humans is reduced after oral intake of ascorbic acid and d-alpha-tocopherol. Photodermatol.Photoimmunol.Photomed. 1997;13(5-6):173-177. [View Abstract](#)
149. Eberlein-Konig, B., Placzek, M., and Przybilla, B. Protective effect against sunburn of combined systemic ascorbic acid (vitamin C) and d-alpha-tocopherol (vitamin E). J.Am.Acad.Dermatol. 1998;38(1):45-48. [View Abstract](#)
150. Eberlein-Konig, B., Fesq, H., Abeck, D., Przybilla, B., Placzek, M., and Ring, J. Systemic vitamin C and vitamin E do not prevent photoprovocation test reactions in polymorphous light eruption. Photodermatol.Photoimmunol.Photomed. 2000;16(2):50-52. [View Abstract](#)
151. Eiselt, J., Racek, J., Trefil, L., and Opatrný, K., Jr. Effects of a vitamin E-modified dialysis membrane and vitamin C infusion on oxidative stress in hemodialysis patients. Artif.Organs 2001;25(6):430-436. [View](#)

Abstract

152. Ekvall, S., Chen, I. W., and Bozian, R. The effect of supplemental ascorbic acid on serum vitamin B12 levels in myelomeningocele patients. *Am.J.Clin.Nutr.* 1981;34(7):1356-1361. [View Abstract](#)
153. Ellis, G. R., Anderson, R. A., Lang, D., Blackman, D. J., Morris, R. H., Morris-Thurgood, J., McDowell, I. F., Jackson, S. K., Lewis, M. J., and Frenneaux, M. P. Neutrophil superoxide anion--generating capacity, endothelial function and oxidative stress in chronic heart failure: effects of short- and long-term vitamin C therapy. *J.Am.Coll.Cardiol.* 11-1-2000;36(5):1474-1482. [View Abstract](#)
154. Ellis, G. R., Anderson, R. A., Chirkov, Y. Y., Morris-Thurgood, J., Jackson, S. K., Lewis, M. J., Horowitz, J. D., and Frenneaux, M. P. Acute effects of vitamin C on platelet responsiveness to nitric oxide donors and endothelial function in patients with chronic heart failure. *J.Cardiovasc.Pharmacol.* 2001;37(5):564-570. [View Abstract](#)
155. Elwood, P. C., Lee, H. P., St Leger, A. S., Baird, M., and Howard, A. N. A randomized controlled trial of vitamin C in the prevention and amelioration of the common cold. *Br.J.Prev.Soc.Med.* 1976;30(3):193-196. [View Abstract](#)
156. Elwood, P. C., Hughes, S. J., and Leger, A. S. A randomized controlled trial of the therapeutic effect of vitamin C in the common cold. *Practitioner* 1977;218(1303):133-137. [View Abstract](#)
157. Erbs, S., Gielen, S., Linke, A., Mobius-Winkler, S., Adams, V., Baither, Y., Schuler, G., and Hambrecht, R. Improvement of peripheral endothelial dysfunction by acute vitamin C application: different effects in patients with coronary artery disease, ischemic, and dilated cardiomyopathy. *Am.Heart J.* 2003;146(2):280-285. [View Abstract](#)
158. Eriksson, J. and Kohvakka, A. Magnesium and ascorbic acid supplementation in diabetes mellitus. *Ann.Nutr.Metab* 1995;39(4):217-223. [View Abstract](#)
159. Eskurza, I., Monahan, K. D., Robinson, J. A., and Seals, D. R. Ascorbic acid does not affect large elastic artery compliance or central blood pressure in young and older men. *Am.J.Physiol Heart Circ.Physiol* 2004;286(4):H1528-H1534. [View Abstract](#)
160. Espinal-Perez, L. E., Moncada, B., and Castanedo-Cazares, J. P. A double-blind randomized trial of 5% ascorbic acid vs. 4% hydroquinone in melasma. *Int.J.Dermatol.* 2004;43(8):604-607. [View Abstract](#)
161. Evangelou, A., Kalfakakou, V., Georgakas, P., Koutras, V., Vezyraki, P., Iliopoulou, L., and Vadalouka, A. Ascorbic acid (vitamin C) effects on withdrawal syndrome of heroin abusers. *In Vivo* 2000;14(2):363-366. [View Abstract](#)
162. Fairweather-Tait, S. J., Wortley, G. M., Teucher, B., and Dainty, J. Iron absorption from a breakfast cereal: effects of EDTA compounds and ascorbic acid. *Int.J.Vitam.Nutr.Res.* 2001;71(2):117-122. [View Abstract](#)
163. Faizallah, R., Morris, A. I., Krasner, N., and Walker, R. J. Alcohol enhances vitamin C excretion in the urine. *Alcohol Alcohol* 1986;21(1):81-84. [View Abstract](#)
164. Ferruti, M. M. and Speranza, R. [Use of the combination of adrenal cortex extract, pyridoxal-5-phosphate, cyanocobalamin and ascorbic acid in the treatment of hypocorticism in pregnancy]. *Minerva Ginecol.* 1982;34(7-8):619-623. [View Abstract](#)
165. Fidler, M. C., Davidsson, L., Zeder, C., Walczyk, T., and Hurrell, R. F. Iron absorption from ferrous fumarate in adult women is influenced by ascorbic acid but not by Na₂EDTA. *Br.J.Nutr.* 2003;90(6):1081-1085. [View Abstract](#)
166. Fidler, M. C., Davidsson, L., Zeder, C., Walczyk, T., Marti, I., and Hurrell, R. F. Effect of ascorbic acid and particle size on iron absorption from ferric pyrophosphate in adult women. *Int.J.Vitam.Nutr.Res.* 2004;74(4):294-300. [View Abstract](#)
167. Fitzpatrick, R. E. and Rostan, E. F. Double-blind, half-face study comparing topical vitamin C and vehicle for rejuvenation of photodamage. *Dermatol.Surg.* 2002;28(3):231-236. [View Abstract](#)

168. Fix, A. J., Davis, J. A., and Copenhaver, J. H. Vitamin C and serum cholesterol levels in humans. *Nebr.Med.J.* 1974;59(9):342-344. [View Abstract](#)
169. Florencio, C. A. Effects of iron and ascorbic acid supplementation on hemoglobin level and work efficiency of anemic women. *J.Occup.Med.* 1981;23(10):699-704. [View Abstract](#)
170. Fogarty, A., Lewis, S. A., Scrivener, S. L., Antoniak, M., Pacey, S., Pringle, M., and Britton, J. Oral magnesium and vitamin C supplements in asthma: a parallel group randomized placebo-controlled trial. *Clin.Exp.Allergy* 2003;33(10):1355-1359. [View Abstract](#)
171. Fortner, B. R., Jr., Danziger, R. E., Rabinowitz, P. S., and Nelson, H. S. The effect of ascorbic acid on cutaneous and nasal response to histamine and allergen. *J.Allergy Clin.Immunol.* 1982;69(6):484-488. [View Abstract](#)
172. Fotherby, M. D., Williams, J. C., Forster, L. A., Craner, P., and Ferns, G. A. Effect of vitamin C on ambulatory blood pressure and plasma lipids in older persons. *J.Hypertens.* 2000;18(4):411-415. [View Abstract](#)
173. Fulghum, D. D. Ascorbic acid revisited. *Arch.Dermatol.* 1977;113(1):91-92. [View Abstract](#)
174. Fuller, C. J., May, M. A., and Martin, K. J. The effect of vitamin E and vitamin C supplementation on LDL oxidizability and neutrophil respiratory burst in young smokers. *J.Am.Coll.Nutr.* 2000;19(3):361-369. [View Abstract](#)
175. Gaede, P., Poulsen, H. E., Parving, H. H., and Pedersen, O. Double-blind, randomised study of the effect of combined treatment with vitamin C and E on albuminuria in Type 2 diabetic patients. *Diabet.Med.* 2001;18(9):756-760. [View Abstract](#)
176. Galan, P., Renault, N., Aissa, M., Adad, H. A., Rahim, B., Potier, de Courcy, and Hercberg, S. Relationship between soup consumption, folate, beta-carotene, and vitamin C status in a French adult population. *Int.J.Vitam.Nutr.Res.* 2003;73(5):315-321. [View Abstract](#)
177. Gallmeier, W. M. [Vitamin C and cancer]. *MMW.Munch.Med.Wochenschr.* 1-15-1982;124(2):31-32. [View Abstract](#)
178. Garcia, O. P., Diaz, M., Rosado, J. L., and Allen, L. H. Ascorbic acid from lime juice does not improve the iron status of iron-deficient women in rural Mexico. *Am.J.Clin.Nutr.* 2003;78(2):267-273. [View Abstract](#)
179. Garin, A. M., Gorbunova, V. A., Gershmanovich, M. L., Manziuk, L. V., Borodkina, A. G., Breder, V. V., Karmanovskaya, O. B., Zubrikhina, G. N., Madzhuga, A. V., Zimakova, N. I., and Trapeznikov, N. N. [Results of a phase I clinical trial of "theraphthal + ascorbic acid" catalytic system]. *Vopr.Onkol.* 2001;47(6):676-679. [View Abstract](#)
180. Gastaldello, K., Vereerstraeten, A., Nzame-Nze, T., Vanherweghem, J. L., and Tielemans, C. Resistance to erythropoietin in iron-overloaded haemodialysis patients can be overcome by ascorbic acid administration. *Nephrol.Dial.Transplant.* 1995;10 Suppl 6:44-47. [View Abstract](#)
181. Gatto, L. M., Hallen, G. K., Brown, A. J., and Samman, S. Ascorbic acid induces a favorable lipoprotein profile in women. *J.Am.Coll.Nutr.* 1996;15(2):154-158. [View Abstract](#)
182. Gey, G. O., Cooper, K. H., and Bottenberg, R. A. Effect of ascorbic acid on endurance performance and athletic injury. *JAMA* 1-5-1970;211(1):105. [View Abstract](#)
183. Ghosh, S. K., Ekpo, E. B., Shah, I. U., Girling, A. J., Jenkins, C., and Sinclair, A. J. A double-blind, placebo-controlled parallel trial of vitamin C treatment in elderly patients with hypertension. *Gerontology* 1994;40(5):268-272. [View Abstract](#)
184. Giancaspro, V., Nuzziello, M., Pallotta, G., Sacchetti, A., and Petrarulo, F. Intravenous ascorbic acid in hemodialysis patients with functional iron deficiency: a clinical trial. *J.Nephrol.* 2000;13(6):444-449. [View Abstract](#)
185. Giannini, A. J., Loiselle, R. H., DiMarzio, L. R., and Giannini, M. C. Augmentation of haloperidol by ascorbic acid in phencyclidine intoxication. *Am.J.Psychiatry* 1987;144(9):1207-1209. [View Abstract](#)

186. Ginter, E., Zdichynec, B., Holzerova, O., Ticha, E., Kobza, R., Koziakova, M., Cerna, O., Ozdin, L., Hruba, F., Novakova, V., Sasko, E., and Gaher, M. Hypocholesterolemic effect of ascorbic acid in maturity-onset diabetes mellitus. *Int.J.Vitam.Nutr.Res.* 1978;48(4):368-373. [View Abstract](#)
187. Ginter, E. and Vejmolova, J. Vitamin C-status and pharmacokinetic profile of antipyrine in man. *Br.J.Clin.Pharmacol.* 1981;12(2):256-258. [View Abstract](#)
188. Gokce, N., Keaney, J. F., Jr., Frei, B., Holbrook, M., Olesiak, M., Zachariah, B. J., Leeuwenburgh, C., Heinecke, J. W., and Vita, J. A. Long-term ascorbic acid administration reverses endothelial vasomotor dysfunction in patients with coronary artery disease. *Circulation* 6-29-1999;99(25):3234-3240. [View Abstract](#)
189. Gomez, G. and Gomez, J. Anaemia in general practice: controlled-release ferrous sulphate and vitamin C compared with ferrous sulphate BP. *Br.J.Clin.Pract.* 1969;23(10):421-424. [View Abstract](#)
190. Gonzalez, J. P., Valdivieso, A., Calvo, R., Rodriguez-Sasiain, J. M., Jimenez, R., Aguirre, C., and du, Souich P. Influence of vitamin C on the absorption and first pass metabolism of propranolol. *Eur.J.Clin.Pharmacol.* 1995;48(3-4):295-297. [View Abstract](#)
191. Gorton, H. C. and Jarvis, K. The effectiveness of vitamin C in preventing and relieving the symptoms of virus-induced respiratory infections. *J.Manipulative Physiol Ther.* 1999;22(8):530-533. [View Abstract](#)
192. Griesinger, G., Franke, K., Kinast, C., Kutzelnigg, A., Riedinger, S., Kulin, S., Kaali, S. G., and Feichtinger, W. Ascorbic acid supplement during luteal phase in IVF. *J.Assist.Reprod.Genet.* 2002;19(4):164-168. [View Abstract](#)
193. Griffiths, A. W. Ascorbic acid nutrition in mentally subnormal patients. *J.Ment.Defic.Res.* 1966;10(2):94-104. [View Abstract](#)
194. Guan, W., Osanai, T., Kamada, T., Ishizaka, H., Hanada, H., and Okumura, K. Time course of free radical production after primary coronary angioplasty for acute myocardial infarction and the effect of vitamin C. *Jpn.Circ.J.* 1999;63(12):924-928. [View Abstract](#)
195. Gueguen, S., Pirollet, P., Leroy, P., Guilland, J. C., Arnaud, J., Paille, F., Siest, G., Visvikis, S., Hercberg, S., and Herbeth, B. Changes in serum retinol, alpha-tocopherol, vitamin C, carotenoids, zinc and selenium after micronutrient supplementation during alcohol rehabilitation. *J.Am.Coll.Nutr.* 2003;22(4):303-310. [View Abstract](#)
196. Gupte, S. R. and Savant, N. S. Post suxamethonium pains and vitamin C. *Anaesthesia* 1971;26(4):436-440. [View Abstract](#)
197. Habash, M. B., Van der Mei, H. C., Busscher, H. J., and Reid, G. The effect of water, ascorbic acid, and cranberry derived supplementation on human urine and uropathogen adhesion to silicone rubber. *Can.J.Microbiol.* 1999;45(8):691-694. [View Abstract](#)
198. Hajjar, I. M., George, V., Sasse, E. A., and Kocher, M. S. A randomized, double-blind, controlled trial of vitamin C in the management of hypertension and lipids. *Am.J.Ther.* 2002;9(4):289-293. [View Abstract](#)
199. Halimi, J. M. and Mimran, A. Systemic and renal effect of nicotine in non-smokers: influence of vitamin C. *J.Hypertens.* 2000;18(11):1665-1669. [View Abstract](#)
200. Hall, S. L. and Greendale, G. A. The relation of dietary vitamin C intake to bone mineral density: results from the PEPI study. *Calcif.Tissue Int.* 1998;63(3):183-189. [View Abstract](#)
201. Hallberg, L., Rossander, L., Persson, H., and Svahn, E. Deleterious effects of prolonged warming of meals on ascorbic acid content and iron absorption. *Am.J.Clin.Nutr.* 1982;36(5):846-850. [View Abstract](#)
202. Hallberg, L. and Rossander, L. Improvement of iron nutrition in developing countries: comparison of adding meat, soy protein, ascorbic acid, citric acid, and ferrous sulphate on iron absorption from a simple Latin American-type of meal. *Am.J.Clin.Nutr.* 1984;39(4):577-583. [View Abstract](#)
203. Hallberg, L., Brune, M., and Rossander, L. Iron absorption in man: ascorbic acid and dose-dependent inhibition by phytate. *Am.J.Clin.Nutr.* 1989;49(1):140-144. [View Abstract](#)

204. Halperin, E. C., Gaspar, L., George, S., Darr, D., and Pinnell, S. A double-blind, randomized, prospective trial to evaluate topical vitamin C solution for the prevention of radiation dermatitis. CNS Cancer Consortium. *Int.J.Radiat.Oncol.Biol.Phys.* 6-15-1993;26(3):413-416. [View Abstract](#)
205. Hamabe, A., Takase, B., Uehata, A., Kurita, A., Ohsuzu, F., and Tamai, S. Impaired endothelium-dependent vasodilation in the brachial artery in variant angina pectoris and the effect of intravenous administration of vitamin C. *Am.J.Cardiol.* 5-15-2001;87(10):1154-1159. [View Abstract](#)
206. Hammar, M., Berg, G., Solheim, F., and Larsson, L. Calcium and magnesium status in pregnant women. A comparison between treatment with calcium and vitamin C in pregnant women with leg cramps. *Int.J.Vitam.Nutr.Res.* 1987;57(2):179-183. [View Abstract](#)
207. Hanaue, H., Kanno, K., Mukai, M., Kubo, H., Tobita, K., Nakasaki, H., Tajima, T., Mitomi, T., and Endo, R. Estimation of the functional reserve of the human liver by urinary D-glucaric acid excretion after vitamin C administration. *Tokai J.Exp.Clin.Med.* 1993;18(1-2):1-4. [View Abstract](#)
208. Hankin, M. E. and Cellier, K. M. Studies of nutrition in pregnancy. V: Ascorbic acid levels of blood and milk in pregnancy and in lactation. *Aust.N.Z.J.Obstet.Gynaecol.* 1966;6(2):153-160. [View Abstract](#)
209. Hanratty, C. G., McGrath, L. T., McAuley, D. F., Young, I. S., and Johnston, D. G. The effect on endothelial function of vitamin C during methionine induced hyperhomocysteinaemia. *BMC.Cardiovasc.Disord.* 2001;1(1):1. [View Abstract](#)
210. Harel, Z., Biro, F., Kollar, L., Riggs, S., Flanagan, P., and Vaz, R. Supplementation with vitamin C and/or vitamin B(6) in the prevention of Depo-Provera side effects in adolescents. *J.Pediatr.Adolesc.Gynecol.* 2002;15(3):153-158. [View Abstract](#)
211. Hargreave, T. B., Kyle, K. F., Baxby, K., Rogers, A. C., Scott, R., Tolley, D. A., Abel, B. J., Orr, P. S., and Elton, R. A. Randomised trial of mesterolone versus vitamin C for male infertility. Scottish Infertility Group. *Br.J.Urol.* 1984;56(6):740-744. [View Abstract](#)
212. Harju, E. and Lindberg, H. Ascorbic acid does not augment the restoration effect of iron treatment for empty iron stores in patients after gastrointestinal surgery. *Am.Surg.* 1986;52(8):463-466. [View Abstract](#)
213. Harris, A. B. and Ajose, D. Rapid assay of urinary vitamin C. *Lancet* 3-24-1973;1(7804):671-672. [View Abstract](#)
214. Harrison, S. A., Torgerson, S., Hayashi, P., Ward, J., and Schenker, S. Vitamin E and vitamin C treatment improves fibrosis in patients with nonalcoholic steatohepatitis. *Am.J.Gastroenterol.* 2003;98(11):2485-2490. [View Abstract](#)
215. Heitzer, T., Just, H., and Munzel, T. Antioxidant vitamin C improves endothelial dysfunction in chronic smokers. *Circulation* 7-1-1996;94(1):6-9. [View Abstract](#)
216. Henmi, H., Endo, T., Kitajima, Y., Manase, K., Hata, H., and Kudo, R. Effects of ascorbic acid supplementation on serum progesterone levels in patients with a luteal phase defect. *Fertil.Steril.* 2003;80(2):459-461. [View Abstract](#)
217. Hesseling, P. B., Girdle-Brown, B., Oosthuysen, E., and Smit, J. Treatment of onyalai with prednisolone, intravenous gammaglobulin and ascorbic acid. A prospective clinical trial. *S.Afr.Med.J.* 12-15-1984;66(24):917-918. [View Abstract](#)
218. het Hof, K. H., Tijburg, L. B., Pietrzik, K., and Weststrate, J. A. Influence of feeding different vegetables on plasma levels of carotenoids, folate and vitamin C. Effect of disruption of the vegetable matrix. *Br.J.Nutr.* 1999;82(3):203-212. [View Abstract](#)
219. Hetey, S. K., Kleinberg, M. L., Parker, W. D., and Johnson, E. W. Effect of ascorbic acid on urine pH in patients with injured spinal cords. *Am.J.Hosp.Pharm.* 1980;37(2):235-237. [View Abstract](#)
220. Hevia, P., Omaye, S. T., and Jacob, R. A. Urinary hydroxyproline excretion and vitamin C status in healthy young men. *Am.J.Clin.Nutr.* 1990;51(4):644-648. [View Abstract](#)

221. Hindson, T. C. Ascorbic acid for prickly heat. *Lancet* 6-22-1968;1(7556):1347-1348. [View Abstract](#)
222. Hindson, T. C. and Worsley, D. E. The effects of administration of ascorbic acid in experimentally induced miliaria and hypohidrosis in volunteers. *Br.J.Dermatol.* 1969;81(3):226-227. [View Abstract](#)
223. Hirai, N., Kawano, H., Hirashima, O., Motoyama, T., Moriyama, Y., Sakamoto, T., Kugiyama, K., Ogawa, H., Nakao, K., and Yasue, H. Insulin resistance and endothelial dysfunction in smokers: effects of vitamin C. *Am.J.Physiol Heart Circ.Physiol* 2000;279(3):H1172-H1178. [View Abstract](#)
224. Hirooka, Y., Eshima, K., Setoguchi, S., Kishi, T., Egashira, K., and Takeshita, A. Vitamin C improves attenuated angiotensin II-induced endothelium-dependent vasodilation in human forearm vessels. *Hypertens.Res.* 2003;26(12):953-959. [View Abstract](#)
225. Hong, S. Y., Hwang, K. Y., Lee, E. Y., Eun, S. W., Cho, S. R., Han, C. S., Park, Y. H., and Chang, S. K. Effect of vitamin C on plasma total antioxidant status in patients with paraquat intoxication. *Toxicol.Lett.* 1-5-2002;126(1):51-59. [View Abstract](#)
226. Hornig, B., Arakawa, N., Kohler, C., and Drexler, H. Vitamin C improves endothelial function of conduit arteries in patients with chronic heart failure. *Circulation* 2-3-1998;97(4):363-368. [View Abstract](#)
227. Hovi, T., Hirvimies, A., Stenvik, M., Vuola, E., and Pippuri, R. Topical treatment of recurrent mucocutaneous herpes with ascorbic acid-containing solution. *Antiviral Res.* 1995;27(3):263-270. [View Abstract](#)
228. Huang, H. Y., Helzlsouer, K. J., and Appel, L. J. The effects of vitamin C and vitamin E on oxidative DNA damage: results from a randomized controlled trial. *Cancer Epidemiol.Biomarkers Prev.* 2000;9(7):647-652. [View Abstract](#)
229. Huang, H. Y., Appel, L. J., Croft, K. D., Miller, E. R., III, Mori, T. A., and Puddey, I. B. Effects of vitamin C and vitamin E on in vivo lipid peroxidation: results of a randomized controlled trial. *Am.J.Clin.Nutr.* 2002;76(3):549-555. [View Abstract](#)
230. Huang, M., Li, J., Teoh, H., and Man, R. Y. Low concentrations of 17beta-estradiol reduce oxidative modification of low-density lipoproteins in the presence of vitamin C and vitamin E. *Free Radic.Biol.Med.* 1999;27(3-4):438-441. [View Abstract](#)
231. Huh, C. H., Seo, K. I., Park, J. Y., Lim, J. G., Eun, H. C., and Park, K. C. A randomized, double-blind, placebo-controlled trial of vitamin C iontophoresis in melasma. *Dermatology* 2003;206(4):316-320. [View Abstract](#)
232. Humbert, P. G., Haftek, M., Creidi, P., Lapierre, C., Nusgens, B., Richard, A., Schmitt, D., Rougier, A., and Zahouani, H. Topical ascorbic acid on photoaged skin. Clinical, topographical and ultrastructural evaluation: double-blind study vs. placebo. *Exp.Dermatol.* 2003;12(3):237-244. [View Abstract](#)
233. Hunt, C., Chakravorty, N. K., and Annan, G. The clinical and biochemical effects of vitamin C supplementation in short-stay hospitalized geriatric patients. *Int.J.Vitam.Nutr.Res.* 1984;54(1):65-74. [View Abstract](#)
234. Hunt, C., Chakravorty, N. K., Annan, G., Habibzadeh, N., and Schorah, C. J. The clinical effects of vitamin C supplementation in elderly hospitalised patients with acute respiratory infections. *Int.J.Vitam.Nutr.Res.* 1994;64(3):212-219. [View Abstract](#)
235. Hunt, J. R., Mullen, L. M., Lykken, G. I., Gallagher, S. K., and Nielsen, F. H. Ascorbic acid: effect on ongoing iron absorption and status in iron-depleted young women. *Am.J.Clin.Nutr.* 1990;51(4):649-655. [View Abstract](#)
236. Hunt, J. R., Gallagher, S. K., and Johnson, L. K. Effect of ascorbic acid on apparent iron absorption by women with low iron stores. *Am.J.Clin.Nutr.* 1994;59(6):1381-1385. [View Abstract](#)
237. Inukai, T., Takanashi, K., Tayama, K., Aso, Y., and Takemura, Y. High glucose concentrations abolish the superoxide dismutase response of leukocytes to ascorbic acid or troglitazone in type 2 diabetes mellitus. *Life Sci.* 4-5-2002;70(20):2391-2401. [View Abstract](#)
238. Jacob, R. A., Skala, J. H., and Omaye, S. T. Biochemical indices of human vitamin C status. *Am.J.Clin.Nutr.*

- 1987;46(5):818-826. [View Abstract](#)
239. Jacob, R. A., Kutnink, M. A., Csallany, A. S., Daroszewska, M., and Burton, G. W. Vitamin C nutriture has little short-term effect on vitamin E concentrations in healthy women. *J.Nutr.* 1996;126(9):2268-2277. [View Abstract](#)
240. Jacques, P. F., Sulsky, S. I., Perrone, G. E., Jenner, J., and Schaefer, E. J. Effect of vitamin C supplementation on lipoprotein cholesterol, apolipoprotein, and triglyceride concentrations. *Ann.Epidemiol.* 1995;5(1):52-59. [View Abstract](#)
241. Jaffey, M. Vitamin C and cancer: examination of the Vale of Leven trial results using broad inductive reasoning. *Med.Hypotheses* 1982;8(1):49-84. [View Abstract](#)
242. Jancar, J. Gradual withdrawal of tranquilizers with the help of ascorbic acid. *Br.J.Psychiatry* 1970;117(537):238-239. [View Abstract](#)
243. Jarosz, M., Dzieniszewski, J., Dabrowska-Ufniarz, E., Wartanowicz, M., Ziemsinski, S., and Reed, P. I. Effects of high dose vitamin C treatment on Helicobacter pylori infection and total vitamin C concentration in gastric juice. *Eur.J.Cancer Prev.* 1998;7(6):449-454. [View Abstract](#)
244. Jarosz, M., Dzieniszewski, J., Dabrowska-Ufniarz, E., Wartanowicz, M., and Ziemsinski, S. Tobacco smoking and vitamin C concentration in gastric juice in healthy subjects and patients with Helicobacter pylori infection. *Eur.J.Cancer Prev.* 2000;9(6):423-428. [View Abstract](#)
245. Jenner, J. L., Jacques, P. F., Seman, L. J., and Schaefer, E. J. Ascorbic acid supplementation does not lower plasma lipoprotein(a) concentrations. *Atherosclerosis* 2000;151(2):541-544. [View Abstract](#)
246. Johnston, C. S. Effect of a single oral dose of ascorbic acid on body temperature and trace mineral fluxes in healthy men and women. *J.Am.Coll.Nutr.* 1990;9(2):150-154. [View Abstract](#)
247. Johnston, C. S., Meyer, C. G., and Srilakshmi, J. C. Vitamin C elevates red blood cell glutathione in healthy adults. *Am.J.Clin.Nutr.* 1993;58(1):103-105. [View Abstract](#)
248. Johnston, C. S. and Luo, B. Comparison of the absorption and excretion of three commercially available sources of vitamin C. *J.Am.Diet.Assoc.* 1994;94(7):779-781. [View Abstract](#)
249. Johnston, C. S. and Yen, M. F. Megadose of vitamin C delays insulin response to a glucose challenge in normoglycemic adults. *Am.J.Clin.Nutr.* 1994;60(5):735-738. [View Abstract](#)
250. Johnston, C. S., Swan, P. D., and Corte, C. Substrate utilization and work efficiency during submaximal exercise in vitamin C depleted-repleted adults. *Int.J.Vitam.Nutr.Res.* 1999;69(1):41-44. [View Abstract](#)
251. Johnston, C. S. and Cox, S. K. Plasma-Saturating intakes of vitamin C confer maximal antioxidant protection to plasma. *J.Am.Coll.Nutr.* 2001;20(6):623-627. [View Abstract](#)
252. Johnston, C. S. and Hale, J. C. Oxidation of ascorbic acid in stored orange juice is associated with reduced plasma vitamin C concentrations and elevated lipid peroxides. *J.Am.Diet.Assoc.* 2005;105(1):106-109. [View Abstract](#)
253. Jukes, T. H. Vitamin C and growth. *JAMA* 8-29-1977;238(9):937-938. [View Abstract](#)
254. Kaikkonen, J., Porkkala-Sarataho, E., Morrow, J. D., Roberts, L. J., Nyssonnen, K., Salonen, R., Tuomainen, T. P., Ristonmaa, U., Poulsen, H. E., and Salonen, J. T. Supplementation with vitamin E but not with vitamin C lowers lipid peroxidation in vivo in mildly hypercholesterolemic men. *Free Radic.Res.* 2001;35(6):967-978. [View Abstract](#)
255. Kallner, A. Influence of vitamin C status on the urinary excretion of catecholamines in stress. *Hum.Nutr.Clin.Nutr.* 1983;37(6):405-411. [View Abstract](#)
256. Kaminski, M. and Boal, R. An effect of ascorbic acid on delayed-onset muscle soreness. *Pain* 1992;50(3):317-321. [View Abstract](#)
257. Kamp, F., Jandel, D., Hoenicke, I., Pietrzek, K., Gross, R., Trugo, N. M., and Donangelo, C. M. Bioavailability

- of iron, zinc, folate, and vitamin C in the IRIS multi-micronutrient supplement: effect of combination with a milk-based cornstarch porridge. *Food Nutr.Bull.* 2003;24(3 Suppl):S20-S26. [View Abstract](#)
258. Kanclerz, A. and Zbytniewski, Z. [Ascorbic acid in oncology]. *Pol.Tyg.Lek.* 10-20-1980;35(40):1543-1545. [View Abstract](#)
259. Karlowski, T. R., Chalmers, T. C., Frenkel, L. D., Kapikian, A. Z., Lewis, T. L., and Lynch, J. M. Ascorbic acid for the common cold. A prophylactic and therapeutic trial. *JAMA* 3-10-1975;231(10):1038-1042. [View Abstract](#)
260. Kataoka, A., Imai, H., Inayoshi, S., and Tsuda, T. [Intermittent high-dose vitamin C therapy in patients with HTLV-I-associated myelopathy]. *Rinsho Shinkeigaku* 1993;33(3):282-288. [View Abstract](#)
261. Kaufmann, P. A., Gnechi-Ruscone, T., di Terlizzi, M., Schafers, K. P., Luscher, T. F., and Camici, P. G. Coronary heart disease in smokers: vitamin C restores coronary microcirculatory function. *Circulation* 9-12-2000;102(11):1233-1238. [View Abstract](#)
262. Keating, T. M., Kendler, B. S., and Merriman, W. Evaluation of a possible proximity effect of aspartame and vitamin C on muscular strength. *Percept.Mot.Skills* 2004;98(1):100-102. [View Abstract](#)
263. Keltz, F. R., Kies, C., and Fox, H. M. Urinary ascorbic acid excretion in the human as affected by dietary fiber and zinc. *Am.J.Clin.Nutr.* 1978;31(7):1167-1171. [View Abstract](#)
264. Kennes, B., Dumont, I., Brohee, D., Hubert, C., and Neve, P. Effect of vitamin C supplements on cell-mediated immunity in old people. *Gerontology* 1983;29(5):305-310. [View Abstract](#)
265. Kerxhalli, J. S., Vogel, W., Broverman, D. M., and Klaiber, E. L. Effect of ascorbic acid on the human electroencephalogram. *J.Nutr.* 1975;105(10):1356-1358. [View Abstract](#)
266. Keven, K., Kutlay, S., Nergizoglu, G., and Erturk, S. Randomized, crossover study of the effect of vitamin C on EPO response in hemodialysis patients. *Am.J.Kidney Dis.* 2003;41(6):1233-1239. [View Abstract](#)
267. Khassaf, M., McArdle, A., Esanu, C., Vasilaki, A., McArdle, F., Griffiths, R. D., Brodie, D. A., and Jackson, M. J. Effect of vitamin C supplements on antioxidant defence and stress proteins in human lymphocytes and skeletal muscle. *J.Physiol* 6-1-2003;549(Pt 2):645-652. [View Abstract](#)
268. Kim, M. K., Sasaki, S., Sasazuki, S., Okubo, S., Hayashi, M., and Tsugane, S. Lack of long-term effect of vitamin C supplementation on blood pressure. *Hypertension* 2002;40(6):797-803. [View Abstract](#)
269. Kim, M. K., Sasazuki, S., Sasaki, S., Okubo, S., Hayashi, M., and Tsugane, S. Effect of five-year supplementation of vitamin C on serum vitamin C concentration and consumption of vegetables and fruits in middle-aged Japanese: a randomized controlled trial. *J.Am.Coll.Nutr.* 2003;22(3):208-216. [View Abstract](#)
270. Kim, M. K., Sasaki, S., Sasazuki, S., Okubo, S., Hayashi, M., and Tsugane, S. Long-term vitamin C supplementation has no markedly favourable effect on serum lipids in middle-aged Japanese subjects. *Br.J.Nutr.* 2004;91(1):81-90. [View Abstract](#)
271. King, J., Wang, Y., Welch, R. W., Dhariwal, K. R., Conry-Cantilena, C., and Levine, M. Use of a new vitamin C-deficient diet in a depletion/repletion clinical trial. *Am.J.Clin.Nutr.* 1997;65(5):1434-1440. [View Abstract](#)
272. King, T. M., Trizna, Z., Wu, X., Amos, C. I., Fueger, R. H., Fueger, J. J., Fritsche, H. A., Hsu, T. C., Winn, R., and Spitz, M. R. A clinical trial to evaluate the effect of vitamin C supplementation on in vitro mutagen sensitivity. The University of Texas M. D. Anderson Clinical Community Oncology Program Network. *Cancer Epidemiol.Biomarkers Prev.* 1997;6(7):537-542. [View Abstract](#)
273. Kirchhoff, H. W. [Effect of vitamin C on energy metabolism, circulatory and ventilatory functions under stress]. *Nutr.Dieta Eur.Rev.Nutr.Diet.* 1969;11(3):184-192. [View Abstract](#)
274. Klein, F., Juhl, B., and Christiansen, J. S. Unchanged renal haemodynamics following high dose ascorbic acid administration in normoalbuminuric IDDM patients. *Scand.J.Clin.Lab Invest* 1995;55(1):53-59. [View Abstract](#)
275. Knodell, R. G., Tate, M. A., Akl, B. F., and Wilson, J. W. Vitamin C prophylaxis for posttransfusion hepatitis: lack of effect in a controlled trial. *Am.J.Clin.Nutr.* 1981;34(1):20-23. [View Abstract](#)

276. Kockar, C., Ozturk, M., and Baybek, N. Helicobacter pylori eradication with beta carotene, ascorbic acid and allicin. *Acta Medica.(Hradec.Kralove)* 2001;44(3):97-100. [View Abstract](#)
277. Kodama, M., Kodama, T., Murakami, M., and Kodama, M. Diabetes mellitus is controlled by vitamin C treatment. *In Vivo* 1993;7(6A):535-542. [View Abstract](#)
278. Kolbus, I. and Senge, K. [Controlled clinical study on the effect of oral and topical administration of a vitamin C preparation on periodontitis]. *Dtsch.Zahnarztl.Z.* 1976;31(5):456-457. [View Abstract](#)
279. Kordansky, D. W., Rosenthal, R. R., and Norman, P. S. The effect of vitamin C on antigen-induced bronchospasm. *J.Allergy Clin.Immunol.* 1979;63(1):61-64. [View Abstract](#)
280. Kortgen, A., Janneck, U., Vetsch, A., and Bauer, M. [Methemoglobinemia due to prilocaine after plexus anesthesia. Reduction by prophylactic administration of ascorbic acid?]. *Anaesthetist* 2003;52(11):1020-1026. [View Abstract](#)
281. Kostis, J. B., Wilson, A. C., and Lacy, C. R. Hypertension and ascorbic acid. *Lancet* 4-8-2000;355(9211):1272-1274. [View Abstract](#)
282. Kotze, H. F., van der Walt, W. H., Rogers, G. G., and Strydom, N. B. Effects of plasma ascorbic acid levels on heat acclimatization in man. *J.Appl.Physiol* 1977;42(5):711-716. [View Abstract](#)
283. Krishnamachari, K. A. and Laxmaiah, N. Lack of effect of massive dose of vitamin C on fluoride excretion in fluorosis during a short clinical trial. *Am.J.Clin.Nutr.* 1975;28(11):1234-1236. [View Abstract](#)
284. Krone, C. A. and Ely, J. T. Ascorbic acid, glycation, glycohemoglobin and aging. *Med.Hypotheses* 2004;62(2):275-279. [View Abstract](#)
285. Kugiyama, K., Motoyama, T., Hirashima, O., Ohgushi, M., Soejima, H., Misumi, K., Kawano, H., Miyao, Y., Yoshimura, M., Ogawa, H., Matsumura, T., Sugiyama, S., and Yasue, H. Vitamin C attenuates abnormal vasomotor reactivity in spasm coronary arteries in patients with coronary spastic angina. *J.Am.Coll.Cardiol.* 1998;32(1):103-109. [View Abstract](#)
286. Kuhnz, W., Louton, T., Humpel, M., Back, D. J., and Zamah, N. M. Influence of high doses of vitamin C on the bioavailability and the serum protein binding of levonorgestrel in women using a combination oral contraceptive. *Contraception* 1995;51(2):111-116. [View Abstract](#)
287. Kwasniewska, A., Tukendorf, A., and Semczuk, M. [Frequency of HPV infection and the level of ascorbic acid in serum of women with cervix dysplasia]. *Med.Dosw.Mikrobiol.* 1996;48(3-4):183-188. [View Abstract](#)
288. Labinjoh, C., Newby, D. E., Wilkinson, I. B., Megson, I. L., MacCallum, H., Melville, V., Boon, N. A., and Webb, D. J. Effects of acute methionine loading and vitamin C on endogenous fibrinolysis, endothelium-dependent vasomotion and platelet aggregation. *Clin.Sci.(Lond)* 2001;100(2):127-135. [View Abstract](#)
289. Lachant, N. A. and Tanaka, K. R. Antioxidants in sickle cell disease: the in vitro effects of ascorbic acid. *Am.J.Med.Sci.* 1986;292(1):3-10. [View Abstract](#)
290. Lachili, B., Hininger, I., Faure, H., Arnaud, J., Richard, M. J., Favier, A., and Roussel, A. M. Increased lipid peroxidation in pregnant women after iron and vitamin C supplementation. *Biol.Trace Elel.Res.* 2001;83(2):103-110. [View Abstract](#)
291. Lasalvia-Prisco, E., Cucchi, S., Vazquez, J., Lasalvia-Galante, E., Golomar, W., and Gordon, W. Serum markers variation consistent with autoschizis induced by ascorbic acid-menadione in patients with prostate cancer. *Med.Oncol.* 2003;20(1):45-52. [View Abstract](#)
292. Laskowski, H., Minczykowski, A., and Wysocki, H. Mortality and clinical course of patients with acute myocardial infarction treated with streptokinase and antioxidants: mannitol and ascorbic acid. *Int.J.Cardiol.* 3-3-1995;48(3):235-237. [View Abstract](#)
293. Lauwers, R., Roels, H., Buchet, J. P., Bernard, A. A., Verhoeven, L., and Konings, J. The influence of orally-administered vitamin C or zinc on the absorption of and the biological response to lead. *J.Occup.Med.* 1983;25(9):668-678. [View Abstract](#)

294. Le Marchand, L., Hankin, J. H., Carter, F. S., Essling, C., Luffey, D., Franke, A. A., Wilkens, L. R., Cooney, R. V., and Kolonel, L. N. A pilot study on the use of plasma carotenoids and ascorbic acid as markers of compliance to a high fruit and vegetable dietary intervention. *Cancer Epidemiol.Biomarkers Prev.* 1994;3(3):245-251. [View Abstract](#)
295. Lee, B. M., Lee, S. K., and Kim, H. S. Inhibition of oxidative DNA damage, 8-OHdG, and carbonyl contents in smokers treated with antioxidants (vitamin E, vitamin C, beta-carotene and red ginseng). *Cancer Lett.* 10-23-1998;132(1-2):219-227. [View Abstract](#)
296. Lee, C. R. Letter: Clinical trials with vitamin C. *Lancet* 9-28-1974;2(7883):775-776. [View Abstract](#)
297. Leggott, P. J., Robertson, P. B., Rothman, D. L., Murray, P. A., and Jacob, R. A. Response of lingual ascorbic acid test and salivary ascorbate levels to changes in ascorbic acid intake. *J.Dent.Res.* 1986;65(2):131-134. [View Abstract](#)
298. Lekakis, J. P., Anastasiou, E. A., Papamichael, C. M., Stamatelopoulos, K. S., Dagre, A. G., Alevizaki, M. C., and Stamatelopoulos, S. F. Short-term oral ascorbic acid improves endothelium-dependent vasodilatation in women with a history of gestational diabetes mellitus. *Diabetes Care* 2000;23(9):1432-1434. [View Abstract](#)
299. Lenton, K. J., Sane, A. T., Therriault, H., Cantin, A. M., Payette, H., and Wagner, J. R. Vitamin C augments lymphocyte glutathione in subjects with ascorbate deficiency. *Am.J.Clin.Nutr.* 2003;77(1):189-195. [View Abstract](#)
300. Levin, E. D., Behm, F., Carnahan, E., LeClair, R., Shipley, R., and Rose, J. E. Clinical trials using ascorbic acid aerosol to aid smoking cessation. *Drug Alcohol Depend.* 1993;33(3):211-223. [View Abstract](#)
301. Levine, G. N., Frei, B., Koulouris, S. N., Gerhard, M. D., Keaney, J. F., Jr., and Vita, J. A. Ascorbic acid reverses endothelial vasomotor dysfunction in patients with coronary artery disease. *Circulation* 3-15-1996;93(6):1107-1113. [View Abstract](#)
302. Levine, M., Conry-Cantilena, C., Wang, Y., Welch, R. W., Washko, P. W., Dhariwal, K. R., Park, J. B., Lazarev, A., Graumlich, J. F., King, J., and Cantilena, L. R. Vitamin C pharmacokinetics in healthy volunteers: evidence for a recommended dietary allowance. *Proc.Natl.Acad.Sci.U.S.A* 4-16-1996;93(8):3704-3709. [View Abstract](#)
303. Levy, R., Shriker, O., Porath, A., Riesenbergs, K., and Schlaeffer, F. Vitamin C for the treatment of recurrent furunculosis in patients with impaired neutrophil functions. *J.Infect.Dis.* 1996;173(6):1502-1505. [View Abstract](#)
304. Lewis, T. L., Karlowski, T. R., Kapikian, A. Z., Lynch, J. M., Shaffer, G. W., and George, D. A. A controlled clinical trial of ascorbic acid for the common cold. *Ann.N.Y.Acad.Sci.* 9-30-1975;258:505-512. [View Abstract](#)
305. Liljefors, I. [Vitamin C and the common cold]. *Lakartidningen* 7-5-1972;69(28):3304-3305. [View Abstract](#)
306. Loh, H. S. and Wilson, C. W. The effect of supplementary vitamin C on haemopoiesis during adolescence. *Int.J.Vitam.Nutr.Res.* 1971;41(4):445-452. [View Abstract](#)
307. Lovat, L. B., Lu, Y., Palmer, A. J., Edwards, R., Fletcher, A. E., and Bulpitt, C. J. Double-blind trial of vitamin C in elderly hypertensives. *J.Hum.Hypertens.* 1993;7(4):403-405. [View Abstract](#)
308. Ludvigsson, J., Hansson, L. O., and Tibbling, G. Vitamin C as a preventive medicine against common colds in children. *Scand.J.Infect.Dis.* 1977;9(2):91-98. [View Abstract](#)
309. Ludvigsson, J., Hansson, L. O., and Stendahl, O. The effect of large doses of vitamin C on leukocyte function and some laboratory parameters. *Int.J.Vitam.Nutr.Res.* 1979;49(2):160-165. [View Abstract](#)
310. Lykkesfeldt, J., Prieme, H., Loft, S., and Poulsen, H. E. Effect of smoking cessation on plasma ascorbic acid concentration. *BMJ* 7-13-1996;313(7049):91. [View Abstract](#)
311. Lynch, S. R., Seftel, H. C., Torrance, J. D., Charlton, R. W., and Bothwell, T. H. Accelerated oxidative catabolism of ascorbic acid in siderotic Bantu. *Am.J.Clin.Nutr.* 1967;20(6):641-647. [View Abstract](#)
312. MacDonald, J. A. and Cohen, M. M. Effect of vagotomy on ascorbic acid nutrition in patients with peptic

- ulcer. Br.Med.J. 6-24-1972;2(816):738-740. [View Abstract](#)
313. Mackerras, D., Irwig, L., Simpson, J. M., Weisberg, E., Cardona, M., Webster, F., Walton, L., and Ghersi, D. Randomized double-blind trial of beta-carotene and vitamin C in women with minor cervical abnormalities. Br.J.Cancer 1999;79(9-10):1448-1453. [View Abstract](#)
314. Magen, E., Viskoper, R., Mishal, J., Priluk, R., Berezovsky, A., Laszt, A., London, D., and Yosefy, C. Resistant arterial hypertension and hyperlipidemia: atorvastatin, not vitamin C, for blood pressure control. Isr.Med.Assoc.J. 2004;6(12):742-746. [View Abstract](#)
315. Mak, S. and Newton, G. E. Vitamin C augments the inotropic response to dobutamine in humans with normal left ventricular function. Circulation 2-13-2001;103(6):826-830. [View Abstract](#)
316. Malo, J. L., Cartier, A., Pineau, L., L'Archeveque, J., Ghezzo, H., and Martin, R. R. Lack of acute effects of ascorbic acid on spirometry and airway responsiveness to histamine in subjects with asthma. J.Allergy Clin.Immunol. 1986;78(6):1153-1158. [View Abstract](#)
317. Malone, H. E., Kevany, J. P., Scott, J. M., O'Briain, S. D., and O'Connor, G. Ascorbic acid supplementation: its effects on body iron stores and white blood cells. Ir.J.Med.Sci. 1986;155(3):74-79. [View Abstract](#)
318. Mangels, A. R., Block, G., Frey, C. M., Patterson, B. H., Taylor, P. R., Norkus, E. P., and Levander, O. A. The bioavailability to humans of ascorbic acid from oranges, orange juice and cooked broccoli is similar to that of synthetic ascorbic acid. J.Nutr. 1993;123(6):1054-1061. [View Abstract](#)
319. Manjunatha, S., Jaryal, A. K., Bijlani, R. L., Sachdeva, U., and Gupta, S. K. Effect of Chyawanprash and vitamin C on glucose tolerance and lipoprotein profile. Indian J.Physiol Pharmacol. 2001;45(1):71-79. [View Abstract](#)
320. Margolis, A. M. [Effect of increasing vitamin c intake on the work capacity and productivity of workers in hazardous occupations]. Vopr.Pitan. 1968;27(1):87-88. [View Abstract](#)
321. Martin, R. F., Young, V. R., Blumberg, J., and Janghorbani, M. Ascorbic acid-selenite interactions in humans studied with an oral dose of 74SeO₃(2-). Am.J.Clin.Nutr. 1989;49(5):862-869. [View Abstract](#)
322. Martinez-Abundis, E., Pascoe-Gonzalez, S., Gonzalez-Ortiz, M., Mora-Martinez, J. M., and Cabrera-Pivaral, C. E. [Effect of oral administration of ascorbic acid on insulin sensitivity and lipid profile in obese individuals]. Rev.Invest Clin. 2001;53(6):505-510. [View Abstract](#)
323. Martini, R. [A vitamin C B 6 complex in current odonto-stomatologic practice]. Inf.Dent. 6-20-1968;50(25):2535-2542. [View Abstract](#)
324. Masek, J., Neradilova, M., and Hejda, S. [Vitamin C and respiratory infections]. Cesk.Gastroenterol.Vyz. 1972;26(8):337-343. [View Abstract](#)
325. Masek, J., Hruba, F., Neradilova, M., and Hejda, S. The role of vitamin C in the treatment of acute infections of the upper respiratory pathways. Acta Vitaminol. Enzymol. 1974;28(1-4):85-95. [View Abstract](#)
326. Mathan, V. I., Baker, S. J., Sood, S. K., Ramachandran, K., and Ramalingaswami, V. WHO sponsored collaborative studies on nutritional anaemia in India. The effects of ascorbic acid and protein supplementation on the response of pregnant women to iron, pteroylglutamic acid and cyanocobalamin therapy. Br.J.Nutr. 1979;42(3):391-398. [View Abstract](#)
327. Mathieu, L. [Clinical trial in odontostomatology of a combination of paracetamol and ascorbic acid in effervescent form]. Rev.Odontostomatol.(Paris) 1974;3(2):169-176. [View Abstract](#)
328. Matilainen, T., Virtainen, E., Puska, P., Alftan, G., Pokusajeva, S., Moisejeva, N., and Uhanov, M. Plasma ascorbic acid concentrations in the Republic of Karelia, Russia and in North Karelia, Finland. Eur.J.Clin.Nutr. 1996;50(2):115-120. [View Abstract](#)
329. Mavrikakis, M. E., Lekakis, J. P., Papamichael, C. M., Stamatelopoulos, K. S., Kostopoulos, ChC, and Stamatelopoulos, S. F. Ascorbic acid does not improve endothelium-dependent flow-mediated dilatation of the brachial artery in patients with Raynaud's phenomenon secondary to systemic sclerosis.

- Int.J.Vitam.Nutr.Res. 2003;73(1):3-7. [View Abstract](#)
330. Mayer-Davis, E. J., Monaco, J. H., Marshall, J. A., Rushing, J., and Juhaeri. Vitamin C intake and cardiovascular disease risk factors in persons with non-insulin-dependent diabetes mellitus. From the Insulin Resistance Atherosclerosis Study and the San Luis Valley Diabetes Study. Prev.Med. 1997;26(3):277-283. [View Abstract](#)
331. McAlindon, M. E., Muller, A. F., Filipowicz, B., and Hawkey, C. J. Effect of allopurinol, sulphasalazine, and vitamin C on aspirin induced gastroduodenal injury in human volunteers. Gut 1996;38(4):518-524. [View Abstract](#)
332. McAuliffe, A. V., Brooks, B. A., Fisher, E. J., Molyneaux, L. M., and Yue, D. K. Administration of ascorbic acid and an aldose reductase inhibitor (tolrestat) in diabetes: effect on urinary albumin excretion. Nephron 1998;80(3):277-284. [View Abstract](#)
333. Menditto, A., Pietraforte, D., and Minetti, M. Ascorbic acid in human seminal plasma is protected from iron-mediated oxidation, but is potentially exposed to copper-induced damage. Hum.Reprod. 1997;12(8):1699-1705. [View Abstract](#)
334. Menne, I. V., Grey, P. C., Kotze, J. P., Sommers, D. K., Brown, J. M., and Spies, J. H. Ascorbic acid and blood lipid and uric acid levels of students. S.Afr.Med.J. 12-20-1975;49(54):2225-2228. [View Abstract](#)
335. Meurman, J. H. and Murtomaa, H. Effect of effervescent vitamin C preparations on bovine teeth and on some clinical and salivary parameters in man. Scand.J.Dent.Res. 1986;94(6):491-499. [View Abstract](#)
336. Michel, L., Dupuy, A., Jean-Louis, F., Sors, A., Poupon, J., Viguer, M., Musette, P., Dubertret, L., Degos, L., Dombret, H., and Bacheler, H. Arsenic trioxide induces apoptosis of cutaneous T cell lymphoma cells: evidence for a partially caspase-independent pathway and potentiation by ascorbic acid (vitamin C). J.Invest Dermatol. 2003;121(4):881-893. [View Abstract](#)
337. Miller, J. Z., Nance, W. E., Norton, J. A., Wolen, R. L., Griffith, R. S., and Rose, R. J. Therapeutic effect of vitamin C. A co-twin control study. JAMA 1-17-1977;237(3):248-251. [View Abstract](#)
338. Miller, J. Z., Nance, W. E., and Kang, K. A co-twin control study of the effects of vitamin C. Prog.Clin.Biol.Res. 1978;24 Pt C:151-156. [View Abstract](#)
339. Mireles-Rocha, H., Galindo, I., Huerta, M., Trujillo-Hernandez, B., Elizalde, A., and Cortes-Franco, R. UVB photoprotection with antioxidants: effects of oral therapy with d-alpha-tocopherol and ascorbic acid on the minimal erythema dose. Acta Derm.Venereol. 2002;82(1):21-24. [View Abstract](#)
340. Misiewicz, A., Jelen, B., Dziewit, T., Radwan, K., and Srodon-Sikora, I. [Levels of copper, zinc and vitamin C in erythrocytes of humans taking nifedipine]. Pol.Arch.Med.Wewn. 1998;99(5):398-402. [View Abstract](#)
341. Moertel, C. G., Fleming, T. R., Creagan, E. T., Rubin, J., O'Connell, M. J., and Ames, M. M. High-dose vitamin C versus placebo in the treatment of patients with advanced cancer who have had no prior chemotherapy. A randomized double-blind comparison. N Engl.J.Med. 1-17-1985;312(3):137-141. [View Abstract](#)
342. Mohsenin, V. Effect of vitamin C on NO₂-induced airway hyperresponsiveness in normal subjects. A randomized double-blind experiment. Am.Rev.Respir.Dis. 1987;136(6):1408-1411. [View Abstract](#)
343. Moller, P., Viscovich, M., Lykkesfeldt, J., Loft, S., Jensen, A., and Poulsen, H. E. Vitamin C supplementation decreases oxidative DNA damage in mononuclear blood cells of smokers. Eur.J.Nutr. 2004;43(5):267-274. [View Abstract](#)
344. Monahan, K. D., Eskurza, I., and Seals, D. R. Ascorbic acid increases cardiovagal baroreflex sensitivity in healthy older men. Am.J.Physiol Heart Circ.Physiol 2004;286(6):H2113-H2117. [View Abstract](#)
345. Morel, O., Jesel, L., Hugel, B., Douchet, M. P., Zupan, M., Chauvin, M., Freyssinet, J. M., and Toti, F. Protective effects of vitamin C on endothelium damage and platelet activation during myocardial infarction in patients with sustained generation of circulating microparticles. J.Thromb.Haemost. 2003;1(1):171-177. [View Abstract](#)

346. Mostafa S el-, Garner, D. D., Garrett, L., Whaley, R. F., el Sekate, M., and Kiker, M. Beneficial effects of vitamin C on risk factors of cardiovascular diseases. *J.Egypt.PUBLIC Health Assoc.* 1989;64(1-2):123-133. [View Abstract](#)
347. Muhlhofer, A., Mrosek, S., Schlegel, B., Trommer, W., Rozario, F., Bohles, H., Schremmer, D., Zoller, W. G., and Biesalski, H. K. High-dose intravenous vitamin C is not associated with an increase of pro-oxidative biomarkers. *Eur.J.Clin.Nutr.* 2004;58(8):1151-1158. [View Abstract](#)
348. Mulholland, C. W. and Strain, J. J. Total radical-trapping antioxidant potential (TRAP) of plasma: effects of supplementation of young healthy volunteers with large doses of alpha-tocopherol and ascorbic acid. *Int.J.Vitam.Nutr.Res.* 1993;63(1):27-30. [View Abstract](#)
349. Mulholland, C. W., Strain, J. J., and Trinick, T. R. Serum antioxidant potential, and lipoprotein oxidation in female smokers following vitamin C supplementation. *Int.J.Food Sci.Nutr.* 1996;47(3):227-231. [View Abstract](#)
350. Mullan, B. A., Young, I. S., Fee, H., and McCance, D. R. Ascorbic acid reduces blood pressure and arterial stiffness in type 2 diabetes. *Hypertension* 2002;40(6):804-809. [View Abstract](#)
351. Mullan, B. A., Ennis, C. N., Fee, H. J., Young, I. S., and McCance, D. R. Protective effects of ascorbic acid on arterial hemodynamics during acute hyperglycemia. *Am.J.Physiol Heart Circ.Physiol* 2004;287(3):H1262-H1268. [View Abstract](#)
352. Mullen, A., Wilson, C. W., and Wilson, B. P. Dreaming, fenfluramine, and vitamin C. *Br.Med.J.* 1-8-1977;1(6053):70-72. [View Abstract](#)
353. Munoz, J. A., Garcia, C., Quilez, J. L., and Andugar, M. A. Effect of vitamin C on lipoproteins in healthy adults. *Ann.Med.Interne (Paris)* 1994;145(1):13-19. [View Abstract](#)
354. Mutanen, M. and Mykkanen, H. M. Effect of ascorbic acid supplementation on selenium bioavailability in humans. *Hum.Nutr.Clin.Nutr.* 1985;39(3):221-226. [View Abstract](#)
355. Mydlik, M., Derzsiova, K., Svac, J., Dlhopolcek, P., and Zemberova, E. Peritoneal clearance and peritoneal transfer of oxalic acid, vitamin C, and vitamin B6 during continuous ambulatory peritoneal dialysis. *Artif.Organs* 1998;22(9):784-788. [View Abstract](#)
356. Mydlik, M., Derzsiova, K., Boldizsar, J., Hribikova, M., and Petrovicova, J. Oral use of iron with vitamin C in hemodialyzed patients. *J.Ren Nutr.* 2003;13(1):47-51. [View Abstract](#)
357. Nathan, N., Vandroux, J. C., and Feiss, P. [Role of vitamin C on adrenocortical effects of etomidate]. *Ann.Fr.Anesth.Reanim.* 1991;10(4):329-332. [View Abstract](#)
358. Naylor, G. J., Grant, L., and Smith, C. A double blind placebo controlled trial of ascorbic acid in obesity. *Nutr.Health* 1985;4(1):25-28. [View Abstract](#)
359. Nieman, D. C., Henson, D. A., Butterworth, D. E., Warren, B. J., Davis, J. M., Fagoaga, O. R., and Nehlsen-Cannarella, S. L. Vitamin C supplementation does not alter the immune response to 2.5 hours of running. *Int.J.Sport Nutr.* 1997;7(3):173-184. [View Abstract](#)
360. Nieman, D. C., Peters, E. M., Henson, D. A., Nevines, E. I., and Thompson, M. M. Influence of vitamin C supplementation on cytokine changes following an ultramarathon. *J.Interferon Cytokine Res.* 2000;20(11):1029-1035. [View Abstract](#)
361. Nieman, D. C., Henson, D. A., McAnulty, S. R., McAnulty, L., Swick, N. S., Utter, A. C., Vinci, D. M., Opiela, S. J., and Morrow, J. D. Influence of vitamin C supplementation on oxidative and immune changes after an ultramarathon. *J.Appl.Physiol* 2002;92(5):1970-1977. [View Abstract](#)
362. Nishiguchi, S., Shiomi, S., Enomoto, M., Lee, C., Jomura, H., Tamori, A., Habu, D., Takeda, T., Yanagihara, N., and Shiraki, K. Does ascorbic acid prevent retinopathy during interferon therapy in patients with chronic hepatitis C? *J.Gastroenterol.* 2001;36(7):486-491. [View Abstract](#)
363. Norio, K., Wikstrom, M., Salmela, K., Kyllonen, L., and Lindgren, L. Ascorbic acid against reperfusion injury in human renal transplantation. *Transpl.Int.* 2003;16(8):480-485. [View Abstract](#)

364. Noroozi, M., Angerson, W. J., and Lean, M. E. Effects of flavonoids and vitamin C on oxidative DNA damage to human lymphocytes. *Am.J.Clin.Nutr.* 1998;67(6):1210-1218. [View Abstract](#)
365. Novoderzhkina, IuG and Cherentsov, A. M. [Effect of diet therapy on the changes of vitamin C content in the blood and urine of patients with chronic gastritis and peptic ulcer]. *Vopr.Pitan.* 1993;(3):13-16. [View Abstract](#)
366. Nusgens, B. V., Humbert, P., Rougier, A., Colige, A. C., Haftek, M., Lambert, C. A., Richard, A., Creidi, P., and Lapierre, C. M. Topically applied vitamin C enhances the mRNA level of collagens I and III, their processing enzymes and tissue inhibitor of matrix metalloproteinase 1 in the human dermis. *J.Invest Dermatol.* 2001;116(6):853-859. [View Abstract](#)
367. Nusgens, B. V., Humbert, P., Rougier, A., Richard, A., and Lapierre, C. M. Stimulation of collagen biosynthesis by topically applied vitamin C. *Eur.J.Dermatol.* 2002;12(4):XXXII-XXXIV. [View Abstract](#)
368. Nyysonen, K., Poulsen, H. E., Hayn, M., Agerbo, P., Porkkala-Sarataho, E., Kaikkonen, J., Salonen, R., and Salonen, J. T. Effect of supplementation of smoking men with plain or slow release ascorbic acid on lipoprotein oxidation. *Eur.J.Clin.Nutr.* 1997;51(3):154-163. [View Abstract](#)
369. O'Sullivan, D. J., Callaghan, N., Ferriss, J. B., Finucane, J. F., and Hegarty, M. Ascorbic acid deficiency in the elderly. *Ir.J.Med.Sci.* 1968;7(4):151-156. [View Abstract](#)
370. Oberfield, S. E., Levine, L. S., Wellner, D., Novogroder, M., Laino, P., and New, M. I. Ascorbic acid treatment in nephropathic cystinosis in identical twins. *Dev.Pharmacol.Ther.* 1981;2(2):80-90. [View Abstract](#)
371. Oktar, G. L., Sinci, V., Kalaycioglu, S., Soncul, H., Gokgoz, L., Halit, V., and Ersoz, A. Biochemical and hemodynamic effects of ascorbic acid and alpha-tocopherol in coronary artery surgery. *Scand.J.Clin.Lab Invest* 2001;61(8):621-629. [View Abstract](#)
372. On, Y. K., Kim, C. H., Sohn, D. W., Oh, B. H., Lee, M. M., Park, Y. B., and Choi, Y. S. Improvement of endothelial function by amlodipine and vitamin C in essential hypertension. *Korean J.Intern.Med.* 2002;17(2):131-137. [View Abstract](#)
373. Ono, K., Hisasue, Y., and Morimatsu, M. Should vitamin C supplementation be restricted in regular hemodialysis patients? *ASAIO Trans.* 1986;32(1):111-113. [View Abstract](#)
374. Palmer, F. M., Nieman, D. C., Henson, D. A., McAnulty, S. R., McAnulty, L., Swick, N. S., Utter, A. C., Vinci, D. M., and Morrow, J. D. Influence of vitamin C supplementation on oxidative and salivary IgA changes following an ultramarathon. *Eur.J.Appl.Physiol* 2003;89(1):100-107. [View Abstract](#)
375. Panczenko-Kresowska, B., Ziemsinski, S., Rudnicki, S., Wojtulewicz, L., and Przepiorka, M. [The influence of vitamin C and e or beta-carotene on peroxidative processes in persons with myocardial ischemia]. *Pol.Merkuriusz.Lek.* 1998;4(19):12-15. [View Abstract](#)
376. Pandey, D. K., Shekelle, R., Selwyn, B. J., Tangney, C., and Stamler, J. Dietary vitamin C and beta-carotene and risk of death in middle-aged men. The Western Electric Study. *Am.J.Epidemiol.* 12-15-1995;142(12):1269-1278. [View Abstract](#)
377. Panjwani, U., Yadav, D. K., Kumar, A., Singh, S. B., and Selvamurthy, W. Effect of vitamin C and E supplementation in modulating the peripheral nerve conduction following cold exposure in humans. *Int.J.Biometeorol.* 2003;48(2):103-107. [View Abstract](#)
378. Paolisso, G., Balbi, V., Volpe, C., Varricchio, G., Gambardella, A., Saccomanno, F., Ammendola, S., Varricchio, M., and D'Onofrio, F. Metabolic benefits deriving from chronic vitamin C supplementation in aged non-insulin dependent diabetics. *J.Am.Coll.Nutr.* 1995;14(4):387-392. [View Abstract](#)
379. Parnetti, L., Ambrosoli, L., Abate, G., Azzini, C., Balestreri, R., Bartorelli, L., Bordin, A., Crepaldi, G., Cristianini, G., Cucinotta, D., and . Posatirelin for the treatment of late-onset Alzheimer's disease: a double-blind multicentre study vs citicoline and ascorbic acid. *Acta Neurol.Scand.* 1995;92(2):135-140. [View Abstract](#)
380. Pascoe, P. A. and Stone, B. M. Ascorbic acid and performance in man. *Psychopharmacology (Berl)* 1984;83(4):376-377. [View Abstract](#)

381. Patrone, F. and Dallegrí, F. [Vitamin C and phagocytic system: present status and perspectives (author's transl)]. *Acta Vitaminol. Enzymol.* 1979;1(1-6):5-10. [View Abstract](#)
382. Pauling, L. Ascorbic acid and the common cold. *Am.J.Clin.Nutr.* 1971;24(11):1294-1299. [View Abstract](#)
383. Pauling, L. The significance of the evidence about ascorbic acid and the common cold. *Proc.Natl.Acad.Sci.U.S.A* 1971;68(11):2678-2681. [View Abstract](#)
384. Pauling, L. Ascorbic acid and the common cold. *Scott.Med.J.* 1973;18(1):1-2. [View Abstract](#)
385. Pauling, L. Vitamin C prophylaxis for posttransfusion hepatitis. *Am.J.Clin.Nutr.* 1981;34(9):1978-1980. [View Abstract](#)
386. Pellegrini, M. P., Newby, D. E., Johnston, N. R., Maxwell, S., and Webb, D. J. Vitamin C has no effect on endothelium-dependent vasomotion and acute endogenous fibrinolysis in healthy smokers. *J.Cardiovasc.Pharmacol.* 2004;44(1):117-124. [View Abstract](#)
387. Perticone, F., Ceravolo, R., Maio, R., Cloro, C., Candigliota, M., Scozzafava, A., Mongiardo, A., Mastroroberto, P., Chello, M., and Mattioli, P. L. Effects of atorvastatin and vitamin C on endothelial function of hypercholesterolemic patients. *Atherosclerosis* 2000;152(2):511-518. [View Abstract](#)
388. Peters, E. M., Goetzsche, J. M., Grobbelaar, B., and Noakes, T. D. Vitamin C supplementation reduces the incidence of postrace symptoms of upper-respiratory-tract infection in ultramarathon runners. *Am.J.Clin.Nutr.* 1993;57(2):170-174. [View Abstract](#)
389. Peters, E. M., Anderson, R., Nieman, D. C., Fickl, H., and Jogessar, V. Vitamin C supplementation attenuates the increases in circulating cortisol, adrenaline and anti-inflammatory polypeptides following ultramarathon running. *Int.J.Sports Med.* 2001;22(7):537-543. [View Abstract](#)
390. Peters, E. M., Anderson, R., and Theron, A. J. Attenuation of increase in circulating cortisol and enhancement of the acute phase protein response in vitamin C-supplemented ultramarathoners. *Int.J.Sports Med.* 2001;22(2):120-126. [View Abstract](#)
391. Petersen, E. E. and Magnani, P. Efficacy and safety of vitamin C vaginal tablets in the treatment of non-specific vaginitis. A randomised, double blind, placebo-controlled study. *Eur.J.Obstet.Gynecol.Reprod.Biol.* 11-10-2004;117(1):70-75. [View Abstract](#)
392. Petrarulo, F. and Giancaspro, V. Intravenous ascorbic acid in haemodialysis patients with functional iron deficiency. *Nephrol.Dial.Transplant.* 2000;15(10):1717-1718. [View Abstract](#)
393. Piccirillo, G., Raffaele, Q., Fimognari, F., Moise, A., Mario, M., Lionetti, M., Naso, C., Di Carlo, S., Nocco, M., and Magri, D. Influence of L-arginine and vitamin C on the autonomic nervous system in chronic heart failure secondary to ischemic cardiomyopathy. *Am.J.Cardiol.* 3-1-2004;93(5):650-654. [View Abstract](#)
394. Piotrovskij, V. K., Kallay, Z., Gajdos, M., Gerykova, M., and Trnovec, T. The use of a nonlinear absorption model in the study of ascorbic acid bioavailability in man. *Biopharm.Drug Dispos.* 1993;14(5):429-442. [View Abstract](#)
395. Pirbudak, L., Balat, O., Cekmen, M., Ugur, M. G., Aygun, S., and Oner, U. Effect of ascorbic acid on surgical stress response in gynecologic surgery. *Int.J.Clin.Pract.* 2004;58(10):928-931. [View Abstract](#)
396. Pitt, H. A. and Costrini, A. M. Vitamin C prophylaxis in marine recruits. *JAMA* 3-2-1979;241(9):908-911. [View Abstract](#)
397. Pleiner, J., Mittermayer, F., Schaller, G., Macallister, R. J., and Wolzt, M. High doses of vitamin C reverse *Escherichia coli* endotoxin-induced hyporeactivity to acetylcholine in the human forearm. *Circulation* 9-17-2002;106(12):1460-1464. [View Abstract](#)
398. Pleiner, J., Schaller, G., Mittermayer, F., Bayerle-Eder, M., Roden, M., and Wolzt, M. FFA-induced endothelial dysfunction can be corrected by vitamin C. *J.Clin.Endocrinol.Metab* 2002;87(6):2913-2917. [View Abstract](#)
399. Podmore, I. D., Griffiths, H. R., Herbert, K. E., Mistry, N., Mistry, P., and Lunec, J. Vitamin C exhibits pro-

- oxidant properties. *Nature* 4-9-1998;392(6676):559. [View Abstract](#)
400. Podoshin, L., Gertner, R., and Fradis, M. Treatment of perennial allergic rhinitis with ascorbic acid solution. *Ear Nose Throat J.* 1991;70(1):54-55. [View Abstract](#)
401. Pohle, T., Brzozowski, T., Becker, J. C., Van, der Voort, I., Markmann, A., Konturek, S. J., Moniczewski, A., Domschke, W., and Konturek, J. W. Role of reactive oxygen metabolites in aspirin-induced gastric damage in humans: gastroprotection by vitamin C. *Aliment.Pharmacol.Ther.* 2001;15(5):677-687. [View Abstract](#)
402. Polidori, M. C., Mecocci, P., and Frei, B. Plasma vitamin C levels are decreased and correlated with brain damage in patients with intracranial hemorrhage or head trauma. *Stroke* 2001;32(4):898-902. [View Abstract](#)
403. Polushina, N. D., Kartazaeva, V. A., Botvinaeva, L. A., and Kozhevnikov, S. A. [The effects of the combined use of mineral water with ascorbic acid and rutin experimentally and clinically]. *Vopr.Kurortol.Fizioter.Lech.Fiz Kult.* 2000;(2):31-34. [View Abstract](#)
404. Ponka, A. and Kuhlback, B. Serum ascorbic acid in patients undergoing chronic hemodialysis. *Acta Med.Scand.* 1983;213(4):305-307. [View Abstract](#)
405. Porkkala-Sarataho, E., Salonen, J. T., Nyssonnen, K., Kaikkonen, J., Salonen, R., Ristonmaa, U., Diczfalusy, U., Brigelius-Flohe, R., Loft, S., and Poulsen, H. E. Long-term effects of vitamin E, vitamin C, and combined supplementation on urinary 7-hydro-8-oxo-2'-deoxyguanosine, serum cholesterol oxidation products, and oxidation resistance of lipids in nondepleted men. *Arterioscler.Thromb.Vasc.Biol.* 2000;20(9):2087-2093. [View Abstract](#)
406. Powers, H. J., Bates, C. J., Eccles, M., Brown, H., and George, E. Bicycling performance in Gambian children: effects of supplements of riboflavin or ascorbic acid. *Hum.Nutr.Clin.Nutr.* 1987;41(1):59-69. [View Abstract](#)
407. Powers, H. J., Gibson, A. T., Bates, C. J., Primhak, R. A., and Beresford, J. Does vitamin C intake influence the rate of tyrosine catabolism in premature babies? *Ann.Nutr.Metab* 1994;38(3):166-173. [View Abstract](#)
408. Prentice, A. M., Lamb, W. H., and Bates, C. J. A trial of ascorbic acid and of multivitamin supplementation on the oral health of West African children. *Trans.R.Soc.Trop.Med.Hyg.* 1983;77(6):792-795. [View Abstract](#)
409. Preshaw, R. M. Vitamin C and the common cold. *Can.Med.Assoc.J.* 9-23-1972;107(6):479-480. [View Abstract](#)
410. Presman, J., Torre, I. I., and de Serra, N. G. [Determination of ascorbic acid in plasma of patients with gingival hemorrhage]. *Rev.Fac.Odontol.Univ Nac.(Cordoba)* 1974;7(1):15-18. [View Abstract](#)
411. Preston, A. M., Rodriguez, C., Rivera, C. E., and Sahai, H. Influence of environmental tobacco smoke on vitamin C status in children. *Am.J.Clin.Nutr.* 2003;77(1):167-172. [View Abstract](#)
412. Prieme, H., Loft, S., Nyssonnen, K., Salonen, J. T., and Poulsen, H. E. No effect of supplementation with vitamin E, ascorbic acid, or coenzyme Q10 on oxidative DNA damage estimated by 8-oxo-7,8-dihydro-2'-deoxyguanosine excretion in smokers. *Am.J.Clin.Nutr.* 1997;65(2):503-507. [View Abstract](#)
413. Protoplerou, A. D., Lekakis, J. P., Kontoyanni, D. D., Stamatelopoulos, K. S., Tsotsos, N. D., Papaioannou, T. G., Tryfonopoulos, D. J., Papamichael, C. M., and Stamatelopoulos, S. F. Effect of ascorbic acid on forearm reactive hyperaemia in patients with hypercholesterolaemia. *Eur.J.Cardiovasc.Prev.Rehabil.* 2004;11(2):149-154. [View Abstract](#)
414. Rabe, C., Gramann, T., Sons, X., Berna, M., Gonzalez-Carmona, M. A., Klehr, H. U., Sauerbruch, T., and Caselmann, W. H. Keeping central venous lines open: a prospective comparison of heparin, vitamin C and sodium chloride sealing solutions in medical patients. *Intensive Care Med.* 2002;28(8):1172-1176. [View Abstract](#)
415. Raitakari, O. T., Adams, M. R., McCredie, R. J., Griffiths, K. A., Stocker, R., and Celermajer, D. S. Oral vitamin C and endothelial function in smokers: short-term improvement, but no sustained beneficial effect. *J.Am.Coll.Cardiol.* 2000;35(6):1616-1621. [View Abstract](#)

416. Raschke, T., Koop, U., Dusing, H. J., Filbry, A., Sauermann, K., Jaspers, S., Wenck, H., and Wittern, K. P. Topical activity of ascorbic acid: from in vitro optimization to in vivo efficacy. *Skin Pharmacol.Physiol* 2004;17(4):200-206. [View Abstract](#)
417. Rayment, S. J., Shaw, J., Woppard, K. J., Lunec, J., and Griffiths, H. R. Vitamin C supplementation in normal subjects reduces constitutive ICAM-1 expression. *Biochem.Biophys.Res.Commun.* 8-22-2003;308(2):339-345. [View Abstract](#)
418. Regnault, C., Postaire, E. R., Rousset, G. J., Bejot, M., and Hazebroucq, G. F. Influence of beta carotene, vitamin E, and vitamin C on endogenous antioxidant defenses in erythrocytes. *Ann.Pharmacother.* 1993;27(11):1349-1350. [View Abstract](#)
419. Regnier, E. The administration of large doses of ascorbic acid in the prevention and treatment of the common cold. II. *Rev.Allergy* 1968;22(10):948-956. [View Abstract](#)
420. Rehim, W. M., Sharaf, I. A., Hishmat, M., el Toukhy, M. A., Rawash, N. A., and Fouad, H. N. Antioxidant capacity in *Fasciola hepatica* patients before and after treatment with triclabendazole alone or in combination with ascorbic acid (vitamin C) and tocofersolan (vitamin E). *Arzneimittelforschung.* 2003;53(3):214-220. [View Abstract](#)
421. Reilly, D. K., Hershey, L., Rivera-Calimlim, L., and Shoulson, I. On-off effects in Parkinson's disease: a controlled investigation of ascorbic acid therapy. *Adv.Neurol.* 1983;37:51-60. [View Abstract](#)
422. Richards, T. W., Cheraskin, E., and Ringsdorf, W. M., Jr. Effect of sustained release versus regular multivitamin supplement upon vitamin C state. *Int.Z.Vitaminforsch.* 1969;39(4):407-415. [View Abstract](#)
423. Ritzel, G. Letter: Ascorbic acid and the common cold. *JAMA* 3-15-1976;235(11):1108. [View Abstract](#)
424. Rolf, C., Cooper, T. G., Yeung, C. H., and Nieschlag, E. Antioxidant treatment of patients with asthenozoospermia or moderate oligoasthenozoospermia with high-dose vitamin C and vitamin E: a randomized, placebo-controlled, double-blind study. *Hum.Reprod.* 1999;14(4):1028-1033. [View Abstract](#)
425. Rolla, G., Brussino, L., Carra, R., Garbella, E., and Bucca, C. Hypertension and ascorbic acid. *Lancet* 4-8-2000;355(9211):1271-1272. [View Abstract](#)
426. Rossig, L., Hoffmann, J., Hugel, B., Mallat, Z., Haase, A., Freyssinet, J. M., Tedgui, A., Aicher, A., Zeiher, A. M., and Dimmeler, S. Vitamin C inhibits endothelial cell apoptosis in congestive heart failure. *Circulation* 10-30-2001;104(18):2182-2187. [View Abstract](#)
427. Rumelin, A., Dorr, S., and Fauth, U. Single preoperative oral application of ascorbic acid does not affect postoperative plasma levels of ascorbic acid. *Ann.Nutr.Metab* 2002;46(5):211-214. [View Abstract](#)
428. Rustamov, F. N. and Guseinov, O. M. [Effect on blood loss of the local use of epsilon-aminocaproic acid and ascorbic acid with anesthetic (Novocain) during and after tonsillectomy]. *Zh.Ushn.Nos.Gorl.Bolezni.* 1978;(4):27-28. [View Abstract](#)
429. Safarian, M. D. and Karagezian, K. G. [The role of combined use of alpha-tocopherol, vitamin C and sodium nucleinate in normalization of the peroxidation processes and antioxidant activity of blood in acute pneumonia]. *Klin.Med.(Mosk)* 1991;69(7):93-96. [View Abstract](#)
430. Salii, N. S. [Effect of copper and manganese in the diet on the providing of the child organism with vitamin C]. *Pediatr.Akus.Ginekol.* 1968;1:30-31. [View Abstract](#)
431. Salonen, R. M., Nyysönen, K., Kaikkonen, J., Porkkala-Sarataho, E., Voutilainen, S., Rissanen, T. H., Tuomainen, T. P., Valkonen, V. P., Ristonmaa, U., Lakka, H. M., Vanharanta, M., Salonen, J. T., and Poulsen, H. E. Six-year effect of combined vitamin C and E supplementation on atherosclerotic progression: the Antioxidant Supplementation in Atherosclerosis Prevention (ASAP) Study. *Circulation* 2-25-2003;107(7):947-953. [View Abstract](#)
432. Samman, S., Brown, A. J., Beltran, C., and Singh, S. The effect of ascorbic acid on plasma lipids and oxidisability of LDL in male smokers. *Eur.J.Clin.Nutr.* 1997;51(7):472-477. [View Abstract](#)

433. Sanchez-Moreno, C., Dashe, J. F., Scott, T., Thaler, D., Folstein, M. F., and Martin, A. Decreased levels of plasma vitamin C and increased concentrations of inflammatory and oxidative stress markers after stroke. *Stroke* 2004;35(1):163-168. [View Abstract](#)
434. Sapozhnikov, I. V., Iakovleva, R. E., Cherezova, L. M., and Ignat'eva, M. F. [Nonspecific methods of prophylaxis of influenza and other acute respiratory diseases with dibasole and ascorbic acid]. *Vopr.Virusol.* 1976;(4):429-431. [View Abstract](#)
435. Saracci, R., Bardelli, D., and Mariani, F. Letter: Clinical trials with vitamin C. *Lancet* 2-15-1975;1(7903):400. [View Abstract](#)
436. Saracci, R., Bardelli, D., and Mariani, F. Letter: Quick assessment of vitamin-C status. *Lancet* 2-28-1976;1(7957):490-491. [View Abstract](#)
437. Sasaki, S., Tsubono, Y., Okubo, S., Hayashi, M., Kakizoe, T., and Tsugane, S. Effects of three-month oral supplementation of beta-carotene and vitamin C on serum concentrations of carotenoids and vitamins in middle-aged subjects: a pilot study for a randomized controlled trial to prevent gastric cancer in high-risk Japanese population. *Jpn.J.Cancer Res.* 2000;91(5):464-470. [View Abstract](#)
438. Sasazuki, S., Sasaki, S., Tsubono, Y., Okubo, S., Hayashi, M., Kakizoe, T., and Tsugane, S. The effect of 5-year vitamin C supplementation on serum pepsinogen level and Helicobacter pylori infection. *Cancer Sci.* 2003;94(4):378-382. [View Abstract](#)
439. Sauberlich, H. E., Tamura, T., Craig, C. B., Freeberg, L. E., and Liu, T. Effects of erythorbic acid on vitamin C metabolism in young women. *Am.J.Clin.Nutr.* 1996;64(3):336-346. [View Abstract](#)
440. Schachter, E. N. and Schlesinger, A. The attenuation of exercise-induced bronchospasm by ascorbic acid. *Ann.Allergy* 1982;49(3):146-151. [View Abstract](#)
441. Schindler, T. H., Magosaki, N., Jeserich, M., Olschewski, M., Nitzsche, E., Holubarsch, C., Solzbach, U., and Just, H. Effect of ascorbic acid on endothelial dysfunction of epicardial coronary arteries in chronic smokers assessed by cold pressor testing. *Cardiology* 2000;94(4):239-246. [View Abstract](#)
442. Schindler, T. H., Lewandowski, E., Olschewski, M., Hasler, K., Solzbach, U., and Just, H. [Effect of vitamin C on platelet aggregation in smokers and nonsmokers]. *Med.Klin.(Munich)* 5-15-2002;97(5):263-269. [View Abstract](#)
443. Schindler, T. H., Nitzsche, E. U., Munzel, T., Olschewski, M., Brink, I., Jeserich, M., Mix, M., Buser, P. T., Pfisterer, M., Solzbach, U., and Just, H. Coronary vasoregulation in patients with various risk factors in response to cold pressor testing: contrasting myocardial blood flow responses to short- and long-term vitamin C administration. *J.Am.Coll.Cardiol.* 9-3-2003;42(5):814-822. [View Abstract](#)
444. Schmid, A., Jakob, E., Berg, A., Russmann, T., Konig, D., Irmer, M., and Keul, J. Effect of physical exercise and vitamin C on absorption of ferric sodium citrate. *Med.Sci.Sports Exerc.* 1996;28(12):1470-1473. [View Abstract](#)
445. Schneider, J. A., Schlesselman, J. J., Mendoza, S. A., Orloff, S., Thoene, J. G., Kroll, W. A., Godfrey, A. D., and Schulman, J. D. Ineffectiveness of ascorbic acid therapy in nephropathic cystinosis. *N Engl J Med.* 4-5-1979;300(14):756-759. [View Abstract](#)
446. Schneider, M., Niess, A. M., Rozario, F., Angres, C., Tschositsch, K., Golly, I., Battenfeld, N., Schaffer, M., Northoff, H., Dickhuth, H. H., Fehrenbach, E., Trommer, W. E., and Biesalski, H. K. Vitamin E supplementation does not increase the vitamin C radical concentration at rest and after exhaustive exercise in healthy male subjects. *Eur.J.Nutr.* 2003;42(4):195-200. [View Abstract](#)
447. Schorah, C. J., Newill, A., Scott, D. L., and Morgan, D. B. Clinical effects of vitamin C in elderly inpatients with low blood-vitamin-C levels. *Lancet* 2-24-1979;1(8113):403-405. [View Abstract](#)
448. Schorah, C. J., Tormey, W. P., Brooks, G. H., Robertshaw, A. M., Young, G. A., Talukder, R., and Kelly, J. F. The effect of vitamin C supplements on body weight, serum proteins, and general health of an elderly population. *Am.J.Clin.Nutr.* 1981;34(5):871-876. [View Abstract](#)

449. Schraag, S., Pawlik, M., Mohl, U., Bohm, B. O., and Georgieff, M. The role of ascorbic acid and xylitol in etomidate-induced adrenocortical suppression in humans. *Eur.J.Anaesthesiol.* 1996;13(4):346-351. [View Abstract](#)
450. Schroder, H., Navarro, E., Mora, J., Galiano, D., and Tramullas, A. Effects of alpha-tocopherol, beta-carotene and ascorbic acid on oxidative, hormonal and enzymatic exercise stress markers in habitual training activity of professional basketball players. *Eur.J.Nutr.* 2001;40(4):178-184. [View Abstract](#)
451. Schulz, H. U., Schurer, M., Krupp, S., Dammann, H. G., Timm, J., and Gessner, U. Effects of acetylsalicylic acid on ascorbic acid concentrations in plasma, gastric mucosa, gastric juice and urine--a double-blind study in healthy subjects. *Int.J.Clin.Pharmacol.Ther.* 2004;42(9):481-487. [View Abstract](#)
452. Schutte, A. E., Huisman, H. W., Oosthuizen, W., van Rooyen, J. M., and Jerling, J. C. Cardiovascular effects of oral Supplementation of vitamin C, E and folic acid in young healthy males. *Int.J.Vitam.Nutr.Res.* 2004;74(4):285-293. [View Abstract](#)
453. Schwartz, A. R., Togo, Y., Hornick, R. B., Tominaga, S., and Gleckman, R. A. Evaluation of the efficacy of ascorbic acid in prophylaxis of induced rhinovirus 44 infection in man. *J.Infect.Dis.* 1973;128(4):500-505. [View Abstract](#)
454. Schwille, P. O., Schmiedl, A., Herrmann, U., Manoharan, M., Fan, J., Sharma, V., and Gottlieb, D. Ascorbic acid in idiopathic recurrent calcium urolithiasis in humans--does it have an abettor role in oxalate, and calcium oxalate crystallization? *Urol.Res.* 2000;28(3):167-177. [View Abstract](#)
455. Selivanova, V. M., Dobronravova, N. P., and Chelnokova, L. M. [Level of ascorbic acid in blood and urine and resistance of skin capillaries in workers in streptomycin industry]. *Antibiotiki.* 1970;15(2):181-185. [View Abstract](#)
456. Seshadri, S., Shah, A., and Bhade, S. Haematologic response of anaemic preschool children to ascorbic acid supplementation. *Hum.Nutr.Appl.Nutr.* 1985;39(2):151-154. [View Abstract](#)
457. Sezer, S., Ozdemir, F. N., Yakupoglu, U., Arat, Z., Turan, M., and Haberal, M. Intravenous ascorbic acid administration for erythropoietin-hyporesponsive anemia in iron loaded hemodialysis patients. *Artif.Organs* 2002;26(4):366-370. [View Abstract](#)
458. Shand, B., Strey, C., Scott, R., Morrison, Z., and Gieseg, S. Pilot study on the clinical effects of dietary supplementation with Enzogenol, a flavonoid extract of pine bark and vitamin C. *Phytother.Res.* 2003;17(5):490-494. [View Abstract](#)
459. Shangguan, C., Wang, W., and Sun, J. [A study on the value of vitamin C in treating skeletal fluorosis]. *Zhonghua Nei Ke.Za Zhi.* 1995;34(11):761-763. [View Abstract](#)
460. Sharma, D. C. and Mathur, R. Correction of anemia and iron deficiency in vegetarians by administration of ascorbic acid. *Indian J.Physiol Pharmacol.* 1995;39(4):403-406. [View Abstract](#)
461. Sheng, Y. and Li, C. M. [Comparative clinical observation on effects of shensu injection and vitamin C in treating acute viral myocarditis]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2002;22(2):138-139. [View Abstract](#)
462. Shidfar, F., Keshavarz, A., Jallali, M., Miri, R., and Eshraghian, M. Comparison of the effects of simultaneous administration of vitamin C and omega-3 fatty acids on lipoproteins, apo A-I, apo B, and malondialdehyde in hyperlipidemic patients. *Int.J.Vitam.Nutr.Res.* 2003;73(3):163-170. [View Abstract](#)
463. Siegers, C. P., Seidel, G., and Iven, H. [Absorption of vitamin C from a delayed-action preparation]. *Med.Welt.* 1-31-1975;26(5):206-209. [View Abstract](#)
464. Silliman, K., Parry, J., Kirk, L. L., and Prior, R. L. Pycnogenol does not impact the antioxidant or vitamin C status of healthy young adults. *J.Am.Diet.Assoc.* 2003;103(1):67-72. [View Abstract](#)
465. Silvestro, A., Scopacasa, F., Oliva, G., de Cristofaro, T., Iuliano, L., and Brevetti, G. Vitamin C prevents endothelial dysfunction induced by acute exercise in patients with intermittent claudication. *Atherosclerosis* 2002;165(2):277-283. [View Abstract](#)

466. Singh, N., Graves, J., Taylor, P. D., Macallister, R. J., and Singer, D. R. Effects of a 'healthy' diet and of acute and long-term vitamin C on vascular function in healthy older subjects. *Cardiovasc.Res.* 2002;56(1):118-125. [View Abstract](#)
467. Singh, R. B., Niaz, M. A., Agarwal, P., Begom, R., and Rastogi, S. S. Effect of antioxidant-rich foods on plasma ascorbic acid, cardiac enzyme, and lipid peroxide levels in patients hospitalized with acute myocardial infarction. *J.Am.Diet.Assoc.* 1995;95(7):775-780. [View Abstract](#)
468. Singhal, S., Gupta, R., and Goyle, A. Comparison of antioxidant efficacy of vitamin E, vitamin C, vitamin A and fruits in coronary heart disease: a controlled trial. *J.Assoc.Physicians India* 2001;49:327-331. [View Abstract](#)
469. Sneed, S. M., Zane, C., and Thomas, M. R. The effects of ascorbic acid, vitamin B6, vitamin B12, and folic acid supplementation on the breast milk and maternal nutritional status of low socioeconomic lactating women. *Am.J.Clin.Nutr.* 1981;34(7):1338-1346. [View Abstract](#)
470. Sobala, G. M., Schorah, C. J., Shires, S., Lynch, D. A., Gallacher, B., Dixon, M. F., and Axon, A. T. Effect of eradication of *Helicobacter pylori* on gastric juice ascorbic acid concentrations. *Gut* 1993;34(8):1038-1041. [View Abstract](#)
471. Solzbach, U., Hornig, B., Jeserich, M., and Just, H. Vitamin C improves endothelial dysfunction of epicardial coronary arteries in hypertensive patients. *Circulation* 9-2-1997;96(5):1513-1519. [View Abstract](#)
472. Sorensen, E. W. Studies on iron absorption. V. The effect of ascorbic acid and ethyl alcohol on the absorption of iron in iron-deficient subjects. *Acta Med.Scand.* 1966;180(2):241-244. [View Abstract](#)
473. Spero, L. M. and Anderson, T. W. Letter: Ascorbic acid and common colds. *Br.Med.J.* 11-10-1973;4(5888):354. [View Abstract](#)
474. Spittle, C. R. Vitamin C and deep-vein thrombosis. *Lancet* 1973;2(7822):199-201. [View Abstract](#)
475. Spittle, C. R. Proceedings: The effect of vitamin C on the blood vessels. *J.Clin.Pathol.* 1974;27(6):513. [View Abstract](#)
476. Stamatelopoulos, K. S., Lekakis, J. P., Papamichael, C. M., Papaioannou, T. G., Cimboneriu, A., and Stamatelopoulos, S. F. Oral administration of ascorbic acid attenuates endothelial dysfunction after short-term cigarette smoking. *Int.J.Vitam.Nutr.Res.* 2003;73(6):417-422. [View Abstract](#)
477. Stantic-Pavlinic, M., Banic, S., Marin, J., and Klemenc, P. Vitamin C--a challenge in management of rabies. *Swiss.Med.Wkly.* 5-29-2004;134(21-22):326-327. [View Abstract](#)
478. Steyn, P. S., Odendaal, H. J., Schoeman, J., Stander, C., Fanie, N., and Grove, D. A randomised, double-blind placebo-controlled trial of ascorbic acid supplementation for the prevention of preterm labour. *J.Obstet.Gynaecol.* 2003;23(2):150-155. [View Abstract](#)
479. Strydom, N. B., Kotze, H. F., van der Walt, W. H., and Rogers, G. G. Effect of ascorbic acid on rate of heat acclimatization. *J.Appl.Physiol* 1976;41(2):202-205. [View Abstract](#)
480. Suboticanec, K. Vitamin C status in schizophrenia. *Bibl.Nutr.Dieta* 1986;(38):173-181. [View Abstract](#)
481. Susick, R. L., Jr. and Zannoni, V. G. Effect of ascorbic acid on the consequences of acute alcohol consumption in humans. *Clin.Pharmacol.Ther.* 1987;41(5):502-509. [View Abstract](#)
482. Taddei, S., Virdis, A., Ghiadoni, L., Magagna, A., and Salvetti, A. Vitamin C improves endothelium-dependent vasodilation by restoring nitric oxide activity in essential hypertension. *Circulation* 6-9-1998;97(22):2222-2229. [View Abstract](#)
483. Taji, Y., Morimoto, T., Okada, K., Fukuahara, S., Fukui, T., and Kuwahara, T. Effects of intravenous ascorbic acid on erythropoiesis and quality of life in unselected hemodialysis patients. *J.Nephrol.* 2004;17(4):537-543. [View Abstract](#)
484. Tanaka, H., Matsuda, T., Miyagantani, Y., Yukioka, T., Matsuda, H., and Shimazaki, S. Reduction of resuscitation fluid volumes in severely burned patients using ascorbic acid administration: a randomized,

- prospective study. *Arch.Surg.* 2000;135(3):326-331. [View Abstract](#)
485. Taniguchi, M., Imamura, H., Shirota, T., Okamatsu, H., Fujii, Y., Toba, M., and Hashimoto, F. Improvement in iron deficiency anemia through therapy with ferric ammonium citrate and vitamin C and the effects of aerobic exercise. *J.Nutr.Sci.Vitaminol.(Tokyo)* 1991;37(2):161-171. [View Abstract](#)
486. Tarn, D. C. and Huang, T. P. A parallel, comparative study of intravenous iron versus intravenous ascorbic acid for erythropoietin-hyporesponsive anaemia in haemodialysis patients with iron overload. *Nephrol.Dial.Transplant.* 1998;13(11):2867-2872. [View Abstract](#)
487. Tarn, D. C., Wei, Y. H., Huang, T. P., Kuo, B. I., and Yang, W. C. Intravenous ascorbic acid as an adjuvant therapy for recombinant erythropoietin in hemodialysis patients with hyperferritinemia. *Kidney Int.* 1999;55(6):2477-2486. [View Abstract](#)
488. Tarn, D. C., Liu, T. Y., and Huang, T. P. Protective effect of vitamin C on 8-hydroxy-2'-deoxyguanosine level in peripheral blood lymphocytes of chronic hemodialysis patients. *Kidney Int.* 2004;66(2):820-831. [View Abstract](#)
489. Tauler, P., Aguiló, A., Fuentespina, E., Tur, J. A., and Pons, A. Diet supplementation with vitamin E, vitamin C and beta-carotene cocktail enhances basal neutrophil antioxidant enzymes in athletes. *Pflugers Arch.* 2002;443(5-6):791-797. [View Abstract](#)
490. Taylor, T. V., Rimmer, S., Day, B., Butcher, J., and Dymock, I. W. Ascorbic acid supplementation in the treatment of pressure-sores. *Lancet* 9-7-1974;2(7880):544-546. [View Abstract](#)
491. ter Riet, G., Kessels, A. G., and Knipschild, P. G. Randomized clinical trial of ascorbic acid in the treatment of pressure ulcers. *J.Clin.Epidemiol.* 1995;48(12):1453-1460. [View Abstract](#)
492. Tesoriere, L., Butera, D., Pintaudi, A. M., Allegra, M., and Livrea, M. A. Supplementation with cactus pear (*Opuntia ficus-indica*) fruit decreases oxidative stress in healthy humans: a comparative study with vitamin C. *Am.J.Clin.Nutr.* 2004;80(2):391-395. [View Abstract](#)
493. Thiele, J. J., Friesleben, H. J., Fuchs, J., and Ochsendorf, F. R. Ascorbic acid and urate in human seminal plasma: determination and interrelationships with chemiluminescence in washed semen. *Hum.Reprod.* 1995;10(1):110-115. [View Abstract](#)
494. Thompson, D., Williams, C., Kingsley, M., Nicholas, C. W., Lakomy, H. K., McArdle, F., and Jackson, M. J. Muscle soreness and damage parameters after prolonged intermittent shuttle-running following acute vitamin C supplementation. *Int.J.Sports Med.* 2001;22(1):68-75. [View Abstract](#)
495. Thompson, D., Williams, C., McGregor, S. J., Nicholas, C. W., McArdle, F., Jackson, M. J., and Powell, J. R. Prolonged vitamin C supplementation and recovery from demanding exercise. *Int.J.Sport Nutr.Exerc.Metab* 2001;11(4):466-481. [View Abstract](#)
496. Thompson, D., Williams, C., Garcia-Roves, P., McGregor, S. J., McArdle, F., and Jackson, M. J. Post-exercise vitamin C supplementation and recovery from demanding exercise. *Eur.J.Appl.Physiol* 2003;89(3-4):393-400. [View Abstract](#)
497. Thompson, D., Bailey, D. M., Hill, J., Hurst, T., Powell, J. R., and Williams, C. Prolonged vitamin C supplementation and recovery from eccentric exercise. *Eur.J.Appl.Physiol* 2004;92(1-2):133-138. [View Abstract](#)
498. Ting, H. H., Timimi, F. K., Boles, K. S., Creager, S. J., Ganz, P., and Creager, M. A. Vitamin C improves endothelium-dependent vasodilation in patients with non-insulin-dependent diabetes mellitus. *J.Clin.Invest* 1-1-1996;97(1):22-28. [View Abstract](#)
499. Ting, H. H., Timimi, F. K., Haley, E. A., Roddy, M. A., Ganz, P., and Creager, M. A. Vitamin C improves endothelium-dependent vasodilation in forearm resistance vessels of humans with hypercholesterolemia. *Circulation* 6-17-1997;95(12):2617-2622. [View Abstract](#)
500. Tofler, G. H., Stec, J. J., Stubbe, I., Beadle, J., Feng, D., Lipinska, I., and Taylor, A. The effect of vitamin C supplementation on coagulability and lipid levels in healthy male subjects. *Thromb.Res.* 10-1-2000;100(1):35-

41. [View Abstract](#)

501. Tomoda, H., Yoshitake, M., Morimoto, K., and Aoki, N. Possible prevention of postangioplasty restenosis by ascorbic acid. *Am.J.Cardiol.* 12-1-1996;78(11):1284-1286. [View Abstract](#)
502. Tousoulis, D., Antoniades, C., Tountas, C., Bosinakou, E., Kotsopoulou, M., Toutouzas, P., and Stefanidis, C. Vitamin C affects thrombosis/ fibrinolysis system and reactive hyperemia in patients with type 2 diabetes and coronary artery disease. *Diabetes Care* 2003;26(10):2749-2753. [View Abstract](#)
503. Traikovich, S. S. Use of topical ascorbic acid and its effects on photodamaged skin topography. *Arch.Otolaryngol.Head Neck Surg.* 1999;125(10):1091-1098. [View Abstract](#)
504. Traxer, O., Huet, B., Poindexter, J., Pak, C. Y., and Pearle, M. S. Effect of ascorbic acid consumption on urinary stone risk factors. *J.Urol.* 2003;170(2 Pt 1):397-401. [View Abstract](#)
505. Triana Mantilla, M. E., Simon, Carballo R., Fernandez Montequin, J. I., Lima, Santana B., Cardona Alvarez, M. E., and Morejon, Reinoso O. [The effect of vitamin C on the lipolytic activity in type-II diabetics with angiopathy]. *Angiologia* 1991;43(2):77-81. [View Abstract](#)
506. Tsugane, S., Fahey, M. T., Kobayashi, M., Sasaki, S., Tsubono, Y., Akabane, M., and Gey, F. Four food-frequency categories of fruit intake as a predictor of plasma ascorbic acid level in middle-aged Japanese men. *Ann.Epidemiol.* 1998;8(6):378-383. [View Abstract](#)
507. Tyrrell, D. A., Craig, J. W., Meada, T. W., and White, T. A trial of ascorbic acid in the treatment of the common cold. *Br.J.Prev.Soc.Med.* 1977;31(3):189-191. [View Abstract](#)
508. Upritchard, J. E., Sutherland, W. H., and Mann, J. I. Effect of supplementation with tomato juice, vitamin E, and vitamin C on LDL oxidation and products of inflammatory activity in type 2 diabetes. *Diabetes Care* 2000;23(6):733-738. [View Abstract](#)
509. Urietzkzy, M., Kessaris, D., and Smith, A. D. Ascorbic acid overdosing: a risk factor for calcium oxalate nephrolithiasis. *J.Urol.* 1992;147(5):1215-1218. [View Abstract](#)
510. van der Beek, E. J., van Dokkum, W., Schrijver, J., Wesstra, A., Kistemaker, C., and Hermus, R. J. Controlled vitamin C restriction and physical performance in volunteers. *J.Am.Coll.Nutr.* 1990;9(4):332-339. [View Abstract](#)
511. Van Straten, M. and Josling, P. Preventing the common cold with a vitamin C supplement: a double-blind, placebo-controlled survey. *Adv.Ther.* 2002;19(3):151-159. [View Abstract](#)
512. Vasankari, T., Kujala, U., Sarna, S., and Ahotupa, M. Effects of ascorbic acid and carbohydrate ingestion on exercise induced oxidative stress. *J.Sports Med.Phys.Fitness* 1998;38(4):281-285. [View Abstract](#)
513. Vaxman, F., Olender, S., Lambert, A., Nisand, G., Aprahamian, M., Bruch, J. F., Didier, E., Volkmar, P., and Grenier, J. F. Effect of pantothenic acid and ascorbic acid supplementation on human skin wound healing process. A double-blind, prospective and randomized trial. *Eur.Surg.Res.* 1995;27(3):158-166. [View Abstract](#)
514. Vianelli, N., Gugliotta, L., Gianni, L., Belmonte, M. M., Catani, L., and Tura, S. Ascorbic acid for the treatment of chronic refractory idiopathic thrombocytopenic purpura (ITP). *Haematologica* 1992;77(1):92-93. [View Abstract](#)
515. Vidgren, M., Kumpusalo, E., Silvasti, M., Mykkonen, M., and Parviainen, M. Absorption of ascorbic acid from a film-coated tablet and from a new enteric-coated pellet preparation in subjects with inadequate plasma levels of ascorbic acid. *Arzneimittelforschung*. 1992;42(2):143-146. [View Abstract](#)
516. Vinson, J. A. and Bose, P. Comparative bioavailability to humans of ascorbic acid alone or in a citrus extract. *Am.J.Clin.Nutr.* 1988;48(3):601-604. [View Abstract](#)
517. Virlos, I. T., Mason, J., Schofield, D., McCloy, R. F., Eddleston, J. M., and Siriwardena, A. K. Intravenous n-acetylcysteine, ascorbic acid and selenium-based anti-oxidant therapy in severe acute pancreatitis. *Scand.J.Gastroenterol.* 2003;38(12):1262-1267. [View Abstract](#)
518. Vodoevich, V. P., Vinogradova, T. A., Serafimovich, I. A., Stepuro, I. I., Chaikovskaya, N. A., and Vinogradov,

- V. V. [Use of ascorbic acid for raising clinical response to long-acting nitrates]. *Klin.Med.(Mosk)* 2002;80(11):55-58. [View Abstract](#)
519. Vogel, R. I., Lamster, I. B., Wechsler, S. A., Macedo, B., Hartley, L. J., and Macedo, J. A. The effects of megadoses of ascorbic acid on PMN chemotaxis and experimental gingivitis. *J.Periodontol.* 1986;57(8):472-479. [View Abstract](#)
520. Vojdani, A., Bazargan, M., Vojdani, E., and Wright, J. New evidence for antioxidant properties of vitamin C. *Cancer Detect.Prev.* 2000;24(6):508-523. [View Abstract](#)
521. Walker, G. H., Bynoe, M. L., and Tyrrell, D. A. Trial of ascorbic acid in prevention of colds. *Br.Med.J.* 3-11-1967;1(540):603-606. [View Abstract](#)
522. Wang, H., Zhang, Z. B., and Wen, R. R. [Reduction of erythrocyte sorbitol by ascorbic acid in patients with diabetes mellitus]. *Zhonghua Yi.Xue.Za Zhi.* 1994;74(9):548-51, 583. [View Abstract](#)
523. Wang, H., Zhang, Z. B., Wen, R. R., and Chen, J. W. Experimental and clinical studies on the reduction of erythrocyte sorbitol-glucose ratios by ascorbic acid in diabetes mellitus. *Diabetes Res.Clin.Pract.* 1995;28(1):1-8. [View Abstract](#)
524. Wang, S., Eide, T. C., Sogn, E. M., Berg, K. J., and Sund, R. B. Plasma ascorbic acid in patients undergoing chronic haemodialysis. *Eur.J.Clin.Pharmacol.* 1999;55(7):527-532. [View Abstract](#)
525. Waring, A. J., Drake, I. M., Schorah, C. J., White, K. L., Lynch, D. A., Axon, A. T., and Dixon, M. F. Ascorbic acid and total vitamin C concentrations in plasma, gastric juice, and gastrointestinal mucosa: effects of gastritis and oral supplementation. *Gut* 1996;38(2):171-176. [View Abstract](#)
526. Watanabe, H., Kakihana, M., Ohtsuka, S., and Sugishita, Y. Randomized, double-blind, placebo-controlled study of the preventive effect of supplemental oral vitamin C on attenuation of development of nitrate tolerance. *J.Am.Coll.Cardiol.* 1998;31(6):1323-1329. [View Abstract](#)
527. Webb, P. M., Bates, C. J., Palli, D., and Forman, D. Gastric cancer, gastritis and plasma vitamin C: results from an international correlation and cross-sectional study. The Eurogast Study Group. *Int.J.Cancer* 11-27-1997;73(5):684-689. [View Abstract](#)
528. Wen, Y., Cooke, T., and Feely, J. The effect of pharmacological supplementation with vitamin C on low-density lipoprotein oxidation. *Br.J.Clin.Pharmacol.* 1997;44(1):94-97. [View Abstract](#)
529. Westhuyzen, J., Cochrane, A. D., Tesar, P. J., Mau, T., Cross, D. B., Frenneaux, M. P., Khafagi, F. A., and Fleming, S. J. Effect of preoperative supplementation with alpha-tocopherol and ascorbic acid on myocardial injury in patients undergoing cardiac operations. *J.Thorac.Cardiovasc.Surg.* 1997;113(5):942-948. [View Abstract](#)
530. Widlansky, M. E., Biegelsen, E. S., Hamburg, N. M., Duffy, S. J., Keaney, J. F., Jr., and Vita, J. A. Coronary endothelial dysfunction is not rapidly reversible with ascorbic acid. *Free Radic.Biol.Med.* 1-1-2004;36(1):123-130. [View Abstract](#)
531. Wilkinson, I. B., Megson, I. L., MacCallum, H., Sogo, N., Cockcroft, J. R., and Webb, D. J. Oral vitamin C reduces arterial stiffness and platelet aggregation in humans. *J.Cardiovasc.Pharmacol.* 1999;34(5):690-693. [View Abstract](#)
532. Williams, M. J., Sutherland, W. H., McCormick, M. P., de Jong, S. A., McDonald, J. R., and Walker, R. J. Vitamin C improves endothelial dysfunction in renal allograft recipients. *Nephrol.Dial.Transplant.* 2001;16(6):1251-1255. [View Abstract](#)
533. Wilson, C. W. Vitamin C and the common cold. *Br.Med.J.* 3-20-1971;1(750):669. [View Abstract](#)
534. Wilson, C. W. and Loh, H. S. Vitamin C and colds. *Lancet* 5-12-1973;1(7811):1058-1059. [View Abstract](#)
535. Wilson, C. W. and Loh, H. S. Common cold and vitamin C. *Lancet* 3-24-1973;1(7804):638-641. [View Abstract](#)
536. Wilson, C. W., Loh, H. S., and Foster, F. G. Common cold symptomatology and vitamin C. *Eur.J.Clin.Pharmacol.* 1973;6(3):196-202. [View Abstract](#)

537. Wilson, C. W., Loh, H. S., and Foster, F. G. The beneficial effect of vitamin C on the common cold. *Eur.J.Clin.Pharmacol.* 1973;6(1):26-32. [View Abstract](#)
538. Wilson, C. W. The common cold and vitamin C. Prophylactic, therapeutic, metabolic and functional aspects. *Acta Vitaminol. Enzymol.* 1974;28(1-4):96-98. [View Abstract](#)
539. Wilson, C. W. Ascorbic acid function and metabolism during colds. *Ann.N.Y.Acad.Sci.* 9-30-1975;258:529-539. [View Abstract](#)
540. Wilson, C. W. and Greene, M. The relationship of aspirin to ascorbic acid metabolism during the common cold. *J.Clin.Pharmacol.* 1978;18(1):21-28. [View Abstract](#)
541. Wilson, C. W., Foran, K., Innes, J. A., Watson, M. L., Ford, M. J., Stoddart, M. E., and Munro, J. F. Fenfluramine, vitamin C and weight loss. *Int.J.Obes.* 1978;2(4):463-465. [View Abstract](#)
542. Wilson, T. S., Datta, S. B., Murrell, J. S., and Andrews, C. T. Relation of vitamin C levels to mortality in a geriatric hospital: a study of the effect of vitamin C administration. *Age Ageing* 1973;2(3):163-171. [View Abstract](#)
543. Wolters, M., Hermann, S., and Hahn, A. Effects of 6-month multivitamin supplementation on serum concentrations of alpha-tocopherol, beta-carotene, and vitamin C in healthy elderly women. *Int.J.Vitam.Nutr.Res.* 2004;74(2):161-168. [View Abstract](#)
544. Wood, J. B., Attwood, E. C., Wood, B. M., Dowling, R. M., and Bradley, F. Vitamin C and post-suxamethonium pains. *Anaesthesia* 1977;32(1):21-24. [View Abstract](#)
545. Woolfe, S. N., Kenney, E. B., Hume, W. R., and Carranza, F. A., Jr. Relationship of ascorbic acid levels of blood and gingival tissue with response to periodontal therapy. *J.Clin.Periodontol.* 1984;11(3):159-165. [View Abstract](#)
546. Woppard, K. J., Loryman, C. J., Meredith, E., Bevan, R., Shaw, J. A., Lunec, J., and Griffiths, H. R. Effects of oral vitamin C on monocyte: endothelial cell adhesion in healthy subjects. *Biochem.Biophys.Res.Commun.* 6-28-2002;294(5):1161-1168. [View Abstract](#)
547. Yamanaka, W. K. Vitamin C and cancer. How convincing a connection? *Postgrad.Med.* 11-15-1985;78(7):47-3. [View Abstract](#)
548. Yang, M., Collis, C. S., Kelly, M., Diplock, A. T., and Rice-Evans, C. Do iron and vitamin C co-supplementation influence platelet function or LDL oxidizability in healthy volunteers? *Eur.J.Clin.Nutr.* 1999;53(5):367-374. [View Abstract](#)
549. Yillar, D. O., Akkan, A. G., Akcasu, A., and Ozuner, Z. The influence of choline ascorbate on the blood levels of ascorbic acid in humans. *Int.J.Clin.Pharmacol.Ther.Toxicol.* 1991;29(6):228-230. [View Abstract](#)
550. Young, J. C., Kenyon, E. M., and Calabrese, E. J. Inhibition of beta-glucuronidase in human urine by ascorbic acid. *Hum.Exp.Toxicol.* 1990;9(3):165-170. [View Abstract](#)
551. Yung, S., Mayersohn, M., and Robinson, J. B. Ascorbic acid absorption in humans: a comparison among several dosage forms. *J.Pharm.Sci.* 1982;71(3):282-285. [View Abstract](#)
552. Zahouani, H., Rougier, A., Creidi, P., Richard, A., and Humbert, P. Interest of a 5% vitamin C w/o emulsion in the treatment of skin aging: effects on skin relief. *Eur.J.Dermatol.* 2002;12(4):XXIII-XXXVI. [View Abstract](#)
553. Zamah, N. M., Humpel, M., Kuhnz, W., Louton, T., Rafferty, J., and Back, D. J. Absence of an effect of high vitamin C dosage on the systemic availability of ethinyl estradiol in women using a combination oral contraceptive. *Contraception* 1993;48(4):377-391. [View Abstract](#)
554. Zlotkin, S., Arthur, P., Antwi, K. Y., and Yeung, G. Treatment of anemia with microencapsulated ferrous fumarate plus ascorbic acid supplied as sprinkles to complementary (weaning) foods. *Am.J.Clin.Nutr.* 2001;74(6):791-795. [View Abstract](#)
555. Zollinger, P. E., Tuinebreijer, W. E., Kreis, R. W., and Breederveld, R. S. Effect of vitamin C on frequency of

- reflex sympathetic dystrophy in wrist fractures: a randomised trial. Lancet 12-11-1999;354(9195):2025-2028. [View Abstract](#)
556. Zullo, A., Rinaldi, V., Hassan, C., Diana, F., Winn, S., Castagna, G., and Attili, A. F. Ascorbic acid and intestinal metaplasia in the stomach: a prospective, randomized study. Aliment.Pharmacol.Ther. 2000;14(10):1303-1309. [View Abstract](#)
557. Zuskin, E., Lewis, A. J., and Bouhuys, A. Inhibition of histamine-induced airway constriction by ascorbic acid. J.Allergy Clin.Immunol. 1973;51(4):218-226. [View Abstract](#)