

# Current and Relevant Publications on Vitamins, Carotenoids and Other Health Ingredients

## Update February 2013

Diese Auswahl an Publikationen aus dem Bereich der Vitamine, Mineralstoffe und sekundären Pflanzenstoffe wird von der GVF getroffen und erhebt keinen Anspruch auf Vollständigkeit.

### Antioxidants

[High doses of in vitro beta-carotene, alpha-tocopherol and ascorbic acid induce oxidative stress and secretion of IL-6 in peripheral blood mononuclear cells from healthy donors.](#)

de Oliveira BF, Veloso CA, Nogueira-Machado JA, Martins Chaves M. Curr Aging Sci. 2012 Jul;5(2):148-56.

[Antioxidant vitamins, minerals and cataract: current opinion.](#)

Ugboaja OC, Bielory L, Bielory BP, Ehiorobo ES. Curr Opin Allergy Clin Immunol. 2012 Oct;12(5):517-22. doi: 10.1097/ACI.0b013e328357cea1. Review.

[Vascular function and the role of oxidative stress in heart failure, heart transplant, and beyond.](#)

Witman MA, Fjeldstad AS, McDaniel J, Ives SJ, Zhao J, Barrett-O'Keefe Z, Nativi JN, Stehlik J, Wray DW, Richardson RS. Hypertension. 2012 Sep;60(3):659-68. doi: 10.1161/HYPERTENSIONAHA.112.193318. Epub 2012 Jul 2.

[The influence of endurance exercise on the antioxidative status of human skin.](#)

Vierck HB, Darwin ME, Lademann J, Reissbauer A, Baack A, Sterry W, Patzelt A. Eur J Appl Physiol. 2012 Sep;112(9):3361-7. doi: 10.1007/s00421-011-2296-2. Epub 2012 Jan 22.

[Evaluation of biomarkers of oxidative stress and antioxidant capacity in the cord blood of preterm low birth weight neonates.](#)

Negi R, Pande D, Kumar A, Khanna RS, Khanna HD. J Matern Fetal Neonatal Med. 2012 Aug;25(8):1338-41. doi: 10.3109/14767058.2011.633672. Epub 2011 Nov 21.

[Antioxidant vitamin and mineral supplements for slowing the progression of age-related macular degeneration.](#)

Evans JR, Lawrenson JG.

Cochrane Database Syst Rev. 2012 Nov 14;11:CD000254. doi: 10.1002/14651858.CD000254.pub3. Review.

[Sporadic Alzheimer disease fibroblasts display an oxidative stress phenotype.](#)

Ramamoorthy M, Sykora P, Scheibye-Knudsen M, Dunn C, Kasmer C, Zhang Y, Becker KG, Croteau DL, Bohr VA.  
Free Radic Biol Med. 2012 Sep 15;53(6):1371-80. doi: 10.1016/j.freeradbiomed.2012.07.018. Epub 2012 Aug 3.

[The role of antioxidants in photoprotection: a critical review.](#)

Chen L, Hu JY, Wang SQ.  
J Am Acad Dermatol. 2012 Nov;67(5):1013-24. doi: 10.1016/j.jaad.2012.02.009. Epub 2012 Mar 9. Review.

[Oxidative stress and antioxidant status in prostate cancer patients: relation to Gleason score, treatment and bone metastasis.](#)

Battisti V, Maders LD, Bagatini MD, Reetz LG, Chiesa J, Battisti IE, Gonçalves JF, Duarte MM, Schetinger MR, Morsch VM.  
Biomed Pharmacother. 2011 Oct;65(7):516-24. doi: 10.1016/j.biopha.2011.06.003. Epub 2011 Aug 25.

[Antioxidant therapy for the treatment of pulmonary hypertension.](#)

Suzuki YJ, Steinhorn RH, Gladwin MT.  
Antioxid Redox Signal. 2013 Jan 20. [Epub ahead of print]

[Differences in blood and semen oxidative status in fertile and infertile men, and their relationship with sperm quality.](#)

Benedetti S, Tagliamonte MC, Catalani S, Primiterra M, Canestrari F, De Stefani S, Palini S, Bulletti C.  
Reprod Biomed Online. 2012 Sep;25(3):300-6. doi: 10.1016/j.rbmo.2012.05.011. Epub 2012 May 30.

[Topical antioxidants protect the skin from chemical-induced irritation in the repetitive washing test: a placebo-controlled, double-blind study.](#)

Schempp CM, Meinke MC, Lademann J, Ferrari Y, Brecht T, Gehring W.  
Contact Dermatitis. 2012 Oct;67(4):234-7. doi: 10.1111/j.1600-0536.2012.02114.x. Epub 2012 May 25.

## **Vitamin A**

[High prevalence of vitamin A deficiency is detected by the modified relative dose-response test in six-month-old Senegalese breast-fed infants.](#)

Agne-Djigo A, Idohou-Dossou N, Kwadjode KM, Tanumihardjo SA, Wade S.  
J Nutr. 2012 Nov;142(11):1991-6. doi: 10.3945/jn.112.166454. Epub 2012 Sep 26.

[The impact of the vitamins A, C and E in the prevention of gastroesophageal reflux disease, Barrett's oesophagus and oesophageal adenocarcinoma.](#)

Lukić M, Segec A, Segec I, Pinotić L, Pinotić K, Atalić B, Solić K, Vcev A.  
Coll Antropol. 2012 Sep;36(3):867-72.

[Retinol assessment among women and children in sahelian mobile pastoralists.](#)

Bechir M, Schelling E, Kraemer K, Schweigert F, Bonfoh B, Crump L, Tanner M, Zinsstag J.  
Ecohealth. 2012 Jun;9(2):113-21. doi: 10.1007/s10393-012-0781-7. Epub 2012 Jul 24.

[Effect of vitamin A adjunct therapy for cerebral malaria in children admitted to Mulago hospital: a randomized controlled trial.](#)

Mwanga-Amumpaire J, Ndeezi G, Tumwine JK.  
Afr Health Sci. 2012 Jun;12(2):90-7. doi: 10.4314/ahs.v12i2.3.

[Vitamin A modulates the expression of genes involved in iron bioavailability.](#)

Citelli M, Bittencourt LL, da Silva SV, Pierucci AP, Pedrosa C.  
Biol Trace Elem Res. 2012 Oct;149(1):64-70. doi: 10.1007/s12011-012-9397-6. Epub 2012 Apr 14.

## **B-Vitamins**

[Elevated plasma homocysteine in association with decreased vitamin B\(12\), folate, serotonin, lipids and lipoproteins in depressed patients.](#)

Ebesunun MO, Eruvulobi HU, Olagunju T, Owoeye OA.  
Afr J Psychiatry (Johannesbg). 2012 Jan;15(1):25-9. doi:  
<http://dx.doi.org/10.4314/ajpsy.v15i1.3>.

[Plasma betaine concentrations correlate with plasma cortisol but not with C-reactive protein in an elderly population.](#)

Lever M, Storer MK, Lewis JG, George PM, Chambers ST.  
Clin Chem Lab Med. 2012 Mar 18;50(9):1635-40. doi: 10.1515/cclm-2011-0844.

[Pretreatment dietary intake is associated with tumor suppressor DNA methylation in head and neck squamous cell carcinomas.](#)

Colacino JA, Arthur AE, Dolinoy DC, Sartor MA, Duffy SA, Chepeha DB, Bradford CR, Walline HM, McHugh JB, D'Silva N, Carey TE, Wolf GT, Taylor JM, Peterson KE, Rozek LS.  
Epigenetics. 2012 Aug;7(8):883-91. doi: 10.4161/epi.21038. Epub 2012 Jun 22.

[Homocysteine, folate, vitamin B-12, and physical function in older adults: cross-sectional findings from the Singapore Longitudinal Ageing Study.](#)

Ng TP, Aung KC, Feng L, Scherer SC, Yap KB.  
Am J Clin Nutr. 2012 Dec;96(6):1362-8. doi: 10.3945/ajcn.112.035741. Epub 2012 Nov 7.

## Vitamin B<sub>1</sub>

### [Two cases of Wernicke's encephalopathy in young age patients receiving allogeneic hematopoietic stem cell transplantation.](#)

Han JW, Lim S, Shin HS, Park HJ, Jung WJ, Kwon SY, Lyu CJ.  
Yonsei Med J. 2012 Sep;53(5):1049-53. doi: 10.3349/ymj.2012.53.5.1049.

### [Thiamine deficiency in Cambodian infants with and without beriberi.](#)

Coats D, Shelton-Dodge K, Ou K, Khun V, Seab S, Sok K, Prou C, Tortorelli S, Moyer TP, Cooper LE, Begley TP, Enders F, Fischer PR, Topazian M.  
J Pediatr. 2012 Nov;161(5):843-7. doi: 10.1016/j.jpeds.2012.05.006. Epub 2012 Jun 14.

### [Thiamine and Parkinson's disease.](#)

Lu'ong Kv, Nguyễn LT.  
J Neurol Sci. 2012 May 15;316(1-2):1-8. doi: 10.1016/j.jns.2012.02.008.  
Epub 2012 Mar 2. Review.

## Vitamin B<sub>12</sub>

### [Clinical practice. Vitamin B12 deficiency.](#)

Stabler SP.  
N Engl J Med. 2013 Jan 10;368(2):149-60. doi: 10.1056/NEJMcp1113996.  
Review. No abstract available.

### [Cobalamin deficiency presenting as obsessive compulsive disorder: case report.](#)

Sharma V, Biswas D.  
Gen Hosp Psychiatry. 2012 Sep;34(5):578.e7-8. doi:  
10.1016/j.genhosppsy.2011.11.006. Epub 2012 Jan 9.

### [Vitamin B12 and folate statuses are associated with diet in pregnant women, but not with anthropometric measurements in term newborns.](#)

Halicioğlu O, Sutcuoğlu S, Koc F, Oztürk C, Albudak E, Colak A, Sahin E, Asik Akman S.  
J Matern Fetal Neonatal Med. 2012 Sep;25(9):1618-21. doi:  
10.3109/14767058.2011.648244. Epub 2012 Feb 1.

## Vitamin B<sub>6</sub>

### [Higher plasma homocysteine is associated with lower vitamin B6 status in critically ill surgical patients.](#)

Hou CT, Wu YH, Cheng CH, Huang PN, Huang YC.  
Nutr Clin Pract. 2012 Oct;27(5):695-700. doi: 10.1177/0884533612449654.  
Epub 2012 Aug 6.

## Folic acid

### [Folic before frolic.](#)

Austin M.

Pract Midwife. 2012 Oct;15(9):35-7.

### [Folate status and socio-demographic predictors of folate status, among a national cohort of women aged 26-36 in Australia, 2004-2006.](#)

Gall S, Seal J, Taylor R, Dwyer T, Venn A.

Aust N Z J Public Health. 2012 Oct;36(5):421-6. doi: 10.1111/j.1753-6405.2012.00910.x.

### [Bioequivalence evaluation of a folate-supplemented oral contraceptive containing ethinylestradiol/drospirenone/levomefolate calcium versus ethinylestradiol/drospirenone and levomefolate calcium alone.](#)

Wiesinger H, Eydeler U, Richard F, Trummer D, Blode H, Rohde B, Diefenbach K.

Clin Drug Investig. 2012 Oct 1;32(10):673-84. doi: 10.2165/11635280-000000000-00000.

### [Prevalence of MTHFR C677T and MS A2756G polymorphisms in major depressive disorder, and their impact on response to fluoxetine treatment.](#)

Mischoulon D, Lamon-Fava S, Selhub J, Katz J, Papakostas GI, Iosifescu DV, Yeung AS, Dording CM, Farabaugh AH, Clain AJ, Baer L, Alpert JE, Nierenberg AA, Fava M.

CNS Spectr. 2012 Jun;17(2):76-86. doi: 10.1017/S1092852912000430.

### [Role of homocysteine & MTHFR C677T gene polymorphism as risk factors for coronary artery disease in young Indians.](#)

Gupta SK, Kotwal J, Kotwal A, Dhall A, Garg S.

Indian J Med Res. 2012 Apr;135(4):506-12.

### [Folate intake and depressive symptoms in Japanese workers considering SES and job stress factors: J-HOPE study.](#)

Miyaki K, Song Y, Htun NC, Tsutsumi A, Hashimoto H, Kawakami N, Takahashi M, Shimazu A, Inoue A, Kurioka S, Shimbo T.

BMC Psychiatry. 2012 Apr 20;12:33. doi: 10.1186/1471-244X-12-33.

### [Therapy of hyperhomocysteinemia in hemodialysis patients: effects of folates and N-acetylcysteine.](#)

Perna AF, Violetti E, Lanza D, Sepe I, Bellinghieri G, Savica V, Santoro D, Satta E, Cirillo G, Lupo A, Abaterusso C, Raiola I, Raiola P, Coppola S, Di Iorio B, Tirino G, Cirillo M, Ingrosso D, De Santo NG.

J Ren Nutr. 2012 Sep;22(5):507-514.e1. doi: 10.1053/j.jrn.2011.10.007.

Epub 2012 Jan 9.

### [Maternal red blood cell folate concentration at 10-12 weeks gestation and pregnancy outcome.](#)

Furness DL, Yasin N, Dekker GA, Thompson SD, Roberts CT.

J Matern Fetal Neonatal Med. 2012 Aug;25(8):1423-7. doi:

10.3109/14767058.2011.636463. Epub 2011 Nov 30.

[Methylenetetrahydrofolate reductase C677T polymorphism and breast cancer risk in Moroccan women.](#)

Diakite B, Tazzite A, Hamzi K, Jouhadi H, Nadifi S.  
Afr Health Sci. 2012 Jun;12(2):204-9. doi: 10.4314/ahs.v12i2.20.

[Genetic polymorphisms modulate the folate metabolism of Brazilian individuals with Down syndrome.](#)

Biselli JM, Zampieri BL, Goloni-Bertollo EM, Haddad R, Fonseca MF, Eberlin MN, Vannucchi H, Carvalho VM, Pavarino EC.  
Mol Biol Rep. 2012 Oct;39(10):9277-84. doi: 10.1007/s11033-012-1629-5.  
Epub 2012 Aug 19.

[Folic acid fortification prevents neural tube defects and may also reduce cancer risks.](#)

Jägerstad M.  
Acta Paediatr. 2012 Oct;101(10):1007-12. doi: 10.1111/j.1651-2227.2012.02781.x. Epub 2012 Jul 24.

[Healthcare-related characteristics of low vs normal folate levels among women of child-bearing age.](#)

Joish VN, Lin G, Lynen R.  
J Med Econ. 2012;15(5):807-16. doi: 10.3111/13696998.2012.680997. Epub 2012 Apr 24.

[Adding folate to the contraceptive pill: a new concept for the prevention of neural tube defects.](#)

Holzgreve W, Pietrzik K, Koletzko B, Eckmann-Scholz C.  
J Matern Fetal Neonatal Med. 2012 Sep;25(9):1529-36. doi: 10.3109/14767058.2011.648672. Epub 2012 Apr 3. Review.

[Genotypes of the MTHFR C677T and MTRR A66G genes act independently to reduce migraine disability in response to vitamin supplementation.](#)

Menon S, Lea RA, Roy B, Hanna M, Wee S, Haupt LM, Oliver C, Griffiths LR.  
Pharmacogenet Genomics. 2012 Oct;22(10):741-9. doi: 10.1097/FPC.0b013e3283576b6b.

[Association of COMT, MTHFR, and SLC19A1\(RFC-1\) polymorphisms with homocysteine blood levels and cognitive impairment in Parkinson's disease.](#)

Białecka M, Kurzawski M, Roszmann A, Robowski P, Sitek EJ, Honczarenko K, Gorzkowska A, Budrewicz S, Mak M, Jarosz M, Gołąb-Janowska M, Kozirowska-Gawron E, Drożdżik M, Sławek J.  
Pharmacogenet Genomics. 2012 Oct;22(10):716-24. doi: 10.1097/FPC.0b013e32835693f7.

## Niacin

### [Intravenous niacin acutely improves the efficiency of dietary fat storage in lean and obese humans.](#)

Nelson RH, Vlazny D, Smailovic A, Miles JM.  
Diabetes. 2012 Dec;61(12):3172-5. doi: 10.2337/db12-0236. Epub 2012 Aug 24.

## Vitamin C

### [Ascorbic acid: chemistry, biology and the treatment of cancer.](#)

Du J, Cullen JJ, Buettner GR.  
Biochim Biophys Acta. 2012 Dec;1826(2):443-57. doi:  
10.1016/j.bbcan.2012.06.003. Epub 2012 Jun 20. Review.

### [Methemoglobinemia and ascorbate deficiency in hemoglobin E \$\beta\$ thalassemia: metabolic and clinical implications.](#)

Allen A, Fisher C, Premawardhena A, Bandara D, Perera A, Allen S, St Pierre T, Olivieri N, Weatherall D.  
Blood. 2012 Oct 11;120(15):2939-44. doi: 10.1182/blood-2012-06-435875.  
Epub 2012 Aug 10.

### [Clinical relevance of vitamin C among lead-exposed infertile men.](#)

Vani K, Kurakula M, Syed R, Alharbi K.  
Genet Test Mol Biomarkers. 2012 Sep;16(9):1001-6. doi:  
10.1089/gtmb.2012.0027. Epub 2012 Jun 25.

### [Effect of intravenous vitamin C on cytokine activation and oxidative stress in end-stage renal disease patients receiving intravenous iron sucrose.](#)

Conner TA, McQuade C, Olp J, Pai AB.  
Biometals. 2012 Oct;25(5):961-9. doi: 10.1007/s10534-012-9562-6. Epub  
2012 Jun 17.

## Vitamin D

### [25-hydroxyvitamin d levels and risk of ischemic heart disease, myocardial infarction, and early death: population-based study and meta-analyses of 18 and 17 studies.](#)

Brøndum-Jacobsen P, Benn M, Jensen GB, Nordestgaard BG.  
Arterioscler Thromb Vasc Biol. 2012 Nov;32(11):2794-802. doi:  
10.1161/ATVBAHA.112.248039. Epub 2012 Aug 30.

### [Low 25-hydroxyvitamin D serum levels correlate with the presence of extra-hepatic manifestations in chronic hepatitis C virus infection.](#)

Terrier B, Jehan F, Munteanu M, Geri G, Saadoun D, Sène D, Poynard T, Souberbielle JC, Cacoub P.  
Rheumatology (Oxford). 2012 Nov;51(11):2083-90. doi:

10.1093/rheumatology/kes209. Epub 2012 Aug 20.

[Omega-3 fatty acid supplementation increases 1,25-dihydroxyvitamin D and fetuin-A levels in dialysis patients.](#)

An WS, Lee SM, Son YK, Kim SE, Kim KH, Han JY, Bae HR, Rha SH, Park Y.  
Nutr Res. 2012 Jul;32(7):495-502. doi: 10.1016/j.nutres.2012.06.005. Epub 2012 Jul 20.

[Vitamin D supplementation protects against bone loss associated with chronic alcohol administration in female mice.](#)

Mercer KE, Wynne RA, Lazarenko OP, Lumpkin CK, Hogue WR, Suva LJ, Chen JR, Mason AZ, Badger TM, Ronis MJ.  
J Pharmacol Exp Ther. 2012 Nov;343(2):401-12. doi: 10.1124/jpet.112.197038. Epub 2012 Aug 14.

[Detecting rickets in premature infants and treating them with calcitriol: experience from two cases.](#)

Chen HY, Chiu LC, Yek YL, Chen YL.  
Kaohsiung J Med Sci. 2012 Aug;28(8):452-6. doi: 10.1016/j.kjms.2012.04.009. Epub 2012 Jul 4.

[Does vitamin D affect disease severity in patients with ankylosing spondylitis?](#)

Durmus B, Altay Z, Baysal O, Ersoy Y.  
Chin Med J (Engl). 2012 Jul;125(14):2511-5.

[Vitamin D and depression: is there a relationship in young women?](#)

Kwasky AN, Groh CJ.  
J Am Psychiatr Nurses Assoc. 2012 Jul-Aug;18(4):236-43. doi: 10.1177/1078390312452451.

[Vitamin D deficiency, smoking, and lung function in the Normative Aging Study.](#)

Lange NE, Sparrow D, Vokonas P, Litonjua AA.  
Am J Respir Crit Care Med. 2012 Oct 1;186(7):616-21. doi: 10.1164/rccm.201110-1868OC. Epub 2012 Jul 19.

[Vitamin D and hypertension: an update and review.](#)

Tamez H, Thadhani RI.  
Curr Opin Nephrol Hypertens. 2012 Sep;21(5):492-9. doi: 10.1097/MNH.0b013e3283557bf0. Review.

[The role of vitamin D in children with recurrent tonsillopharyngitis.](#)

Yildiz I, Unuvar E, Zeybek U, Toptas B, Cacina C, Toprak S, Kilic A, Aydin S.  
Ital J Pediatr. 2012 Jun 8;38:25.

[Ability to follow drug treatment with calcium and vitamin D in postmenopausal women with reduced bone mass.](#)

de Castro Gomes DA, Valadares AL, Pinto-Neto AM, Morais SS, Costa-Paiva L.



Menopause. 2012 Sep;19(9):989-94. doi: 10.1097/gme.0b013e318247e86a.

[25-Hydroxyvitamin D is lower in deprived groups, but is not associated with carotid intima media thickness or plaques: results from pSoBid.](#)

Knox S, Welsh P, Bezlyak V, McConnachie A, Boulton E, Deans KA, Ford I, David Batty G, Burns H, Cavanagh J, Millar K, McInnes IB, McLean J, Velupillai Y, Shiels P, Tannahill C, Packard CJ, Michael Wallace A, Sattar N. Atherosclerosis. 2012 Aug;223(2):437-41. doi: 10.1016/j.atherosclerosis.2012.05.001. Epub 2012 May 9.

[Associations of plasma 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D concentrations with death and progression to maintenance dialysis in patients with advanced kidney disease.](#)

Kendrick J, Cheung AK, Kaufman JS, Greene T, Roberts WL, Smits G, Chonchol M; HOST (Homocysteinemia in Kidney and End Stage Renal Disease) Study Investigators. Am J Kidney Dis. 2012 Oct;60(4):567-75. doi: 10.1053/j.ajkd.2012.04.014. Epub 2012 May 22.

[Coronary artery vitamin D receptor expression and plasma concentrations of 25-hydroxyvitamin D: their association with atherosclerosis.](#)

Schnatz PF, Nudy M, O'Sullivan DM, Jiang X, Cline JM, Kaplan JR, Clarkson TB, Appt SE. Menopause. 2012 Sep;19(9):967-73.

[Vitamin D deficiency and changes in serum vitamin D levels with treatment among tuberculosis patients in South Korea.](#)

Koo HK, Lee JS, Jeong YJ, Choi SM, Kang HJ, Lim HJ, Jeong I, Park JS, Lee SM, Yang SC, Yoo CG, Kim YW, Han SK, Yim JJ. Respirology. 2012 Jul;17(5):808-13. doi: 10.1111/j.1440-1843.2012.02172.x.

[Effect of vitamin D supplementation on progression of knee pain and cartilage volume loss in patients with symptomatic osteoarthritis: a randomized controlled trial.](#)

McAlindon T, LaValley M, Schneider E, Nuite M, Lee JY, Price LL, Lo G, Dawson-Hughes B. JAMA. 2013 Jan 9;309(2):155-62. doi: 10.1001/jama.2012.164487.

[1 \$\alpha\$ ,25-dihydroxyvitamin D<sub>3</sub> modulates the hair-inductive capacity of dermal papilla cells: therapeutic potential for hair regeneration.](#)

Aoi N, Inoue K, Chikanishi T, Fujiki R, Yamamoto H, Kato H, Eto H, Doi K, Itami S, Kato S, Yoshimura K. Stem Cells Transl Med. 2012 Aug;1(8):615-26. doi: 10.5966/sctm.2012-0032. Epub 2012 Jul 27.

[Cord blood 25-hydroxyvitamin D<sub>3</sub> and allergic disease during infancy.](#)

Jones AP, Palmer D, Zhang G, Prescott SL. Pediatrics. 2012 Nov;130(5):e1128-35. doi: 10.1542/peds.2012-1172. Epub 2012 Oct 22.

[The short-term effects of vitamin D repletion on cholesterol: a randomized, placebo-controlled trial.](#)

Ponda MP, Dowd K, Finkelstein D, Holt PR, Breslow JL.  
Arterioscler Thromb Vasc Biol. 2012 Oct;32(10):2510-5. doi:  
10.1161/ATVBAHA.112.254110. Epub 2012 Sep 4.

[Vitamin D and lung disease.](#)

Pfeffer PE, Hawrylowicz CM.  
Thorax. 2012 Nov;67(11):1018-20. doi: 10.1136/thoraxjnl-2012-202139. Epub  
2012 Aug 30.

[Risk factors for vitamin D deficiency and relationship with cardiac biomarkers, inflammation and immune restoration in HIV-infected youth.](#)

Eckard AR, Judd SE, Ziegler TR, Camacho-Gonzalez AF, Fitzpatrick AM, Hadley GR, Grossmann RE, Seaton L, Seydafkan S, Mulligan MJ, Rimann N, Tangpricha V, McComsey GA.  
Antivir Ther. 2012;17(6):1069-78. doi: 10.3851/IMP2318. Epub 2012 Aug 16.

[Extraskeletal effects of vitamin D.](#)

Wolden-Kirk H, Gysemans C, Verstuyf A, Mathieu C.  
Endocrinol Metab Clin North Am. 2012 Sep;41(3):571-94. doi:  
10.1016/j.ecl.2012.05.004. Epub 2012 Jun 29. Review.

[How vitamin D works on bone.](#)

Yoshida T, Stern PH.  
Endocrinol Metab Clin North Am. 2012 Sep;41(3):557-69. doi:  
10.1016/j.ecl.2012.04.003. Epub 2012 May 22. Review.

[Expressions of vitamin D metabolic components VDBP, CYP2R1, CYP27B1, CYP24A1, and VDR in placentas from normal and preeclamptic pregnancies.](#)

Ma R, Gu Y, Zhao S, Sun J, Groome LJ, Wang Y.  
Am J Physiol Endocrinol Metab. 2012 Oct 1;303(7):E928-35. doi:  
10.1152/ajpendo.00279.2012. Epub 2012 Aug 7.

[Physical activity in multiple sclerosis: a comparative study of vitamin D, brain-derived neurotrophic factor and regulatory T cell populations.](#)

Waschbisch A, Wenny I, Tallner A, Schwab S, Pfeifer K, Mäurer M.  
Eur Neurol. 2012;68(2):122-8. doi: 10.1159/000337904. Epub 2012 Jul 19.

[Maternal late-pregnancy serum 25-hydroxyvitamin D in relation to childhood wheeze and atopic outcomes.](#)

Pike KC, Inskip HM, Robinson S, Lucas JS, Cooper C, Harvey NC, Godfrey KM, Roberts G; Southampton Women's Survey Study Group.  
Thorax. 2012 Nov;67(11):950-6. doi: 10.1136/thoraxjnl-2012-201888. Epub  
2012 Jun 15.

[Relationship between serum vitamin D and 24-hour urine calcium in patients with nephrolithiasis.](#)

Eisner BH, Thavaseelan S, Sheth S, Haleblan G, Pareek G.  
Urology. 2012 Nov;80(5):1007-10. doi: 10.1016/j.urology.2012.04.041. Epub

2012 Jun 13.

[Effect of race and genetics on vitamin D metabolism, bone and vascular health.](#)

Freedman BI, Register TC.

Nat Rev Nephrol. 2012 Jun 12;8(8):459-66. doi: 10.1038/nrneph.2012.112. Review.

[Vitamin D status is linked to biomarkers of oxidative stress, inflammation, and endothelial activation in obese children.](#)

Codoñer-Franch P, Tavárez-Alonso S, Simó-Jordá R, Laporta-Martín P, Carratalá-Calvo A, Alonso-Iglesias E.

J Pediatr. 2012 Nov;161(5):848-54. doi: 10.1016/j.jpeds.2012.04.046. Epub 2012 Jun 5.

[Higher vitamin D dietary intake is associated with lower risk of alzheimer's disease: a 7-year follow-up.](#)

Annweiler C, Rolland Y, Schott AM, Blain H, Vellas B, Herrmann FR, Beauchet O.

J Gerontol A Biol Sci Med Sci. 2012 Nov;67(11):1205-11. doi: 10.1093/gerona/gls107. Epub 2012 Apr 13.

[Paricalcitol versus cinacalcet plus low-dose vitamin D therapy for the treatment of secondary hyperparathyroidism in patients receiving haemodialysis: results of the IMPACT SHPT study.](#)

Ketteler M, Martin KJ, Wolf M, Amdahl M, Cozzolino M, Goldsmith D, Sharma A, Marx S, Khan S.

Nephrol Dial Transplant. 2012 Aug;27(8):3270-8. doi: 10.1093/ndt/gfs018. Epub 2012 Mar 2.

[Possible mechanisms of interaction between statins and vitamin D.](#)

Bhattacharyya S, Bhattacharyya K, Maitra A.

QJM. 2012 May;105(5):487-91. doi: 10.1093/qjmed/hcs001. Epub 2012 Feb 9. Review. No abstract available.

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