

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

Update January 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

[Role of the immune system in hypertension: modulation by dietary antioxidants.](#)

Vasdev S, Stuckless J, Richardson V.
Int J Angiol. 2011 Dec;20(4):189-212. doi: 10.1055/s-0031-1288941.

[Dietary total antioxidant capacity is associated with diet and plasma antioxidant status in healthy young adults.](#)

Wang Y, Yang M, Lee SG, Davis CG, Koo SI, Chun OK.
J Acad Nutr Diet. 2012 Oct;112(10):1626-35. doi:
10.1016/j.jand.2012.06.007.

[Antioxidant supplementation attenuates oxidative stress in chronic hepatitis C patients.](#)

Farias MS, Budni P, Ribeiro CM, Parisotto EB, Santos CE, Dias JF, Dalmarco EM, Fröde TS, Pedrosa RC, Wilhelm Filho D.
Gastroenterol Hepatol. 2012 Jun-Jul;35(6):386-94. doi:
10.1016/j.gastrohep.2012.03.004. Epub 2012 May 17.

[Ageing improves the antioxidant response against postoperative atrial fibrillation: a randomized controlled trial.](#)

Rodrigo R, Gutiérrez R, Fernández R, Guzmán P.
Interact Cardiovasc Thorac Surg. 2012 Aug;15(2):209-14. doi:
10.1093/icvts/ivs154. Epub 2012 May 4.

[Antioxidants for Alzheimer disease: a randomized clinical trial with cerebrospinal fluid biomarker measures.](#)

Galasko DR, Peskind E, Clark CM, Quinn JF, Ringman JM, Jicha GA, Cotman C, Cottrell B, Montine TJ, Thomas RG, Aisen P; Alzheimer's Disease Cooperative Study.
Arch Neurol. 2012 Jul;69(7):836-41.

[Time to wound closure in trauma patients with disorders in wound healing is shortened by supplements containing antioxidant micronutrients and glutamine: a PRCT.](#)

Blass SC, Goost H, Tolba RH, Stoffel-Wagner B, Kabir K, Burger C, Stehle P, Ellinger S.
Clin Nutr. 2012 Aug;31(4):469-75. doi: 10.1016/j.clnu.2012.01.002. Epub 2012 Jan 28.

[Association Between Optimism and Serum Antioxidants in the Midlife in the United States Study.](#)

Boehm JK, Williams DR, Rimm EB, Ryff C, Kubzansky LD.
Psychosom Med. 2012 Dec 20. [Epub ahead of print]

[Protective effect of anti-oxidants on endothelial function in young Korean-Asians compared to Caucasians.](#)

Yim J, Petrofsky J, Berk L, Daher N, Lohman E, Moss A, Cavalcanti P.
Med Sci Monit. 2012 Aug;18(8):CR467-479.

[Antioxidant therapies: a potential role in perinatal medicine.](#)

Miller SL, Wallace EM, Walker DW.
Neuroendocrinology. 2012;96(1):13-23. doi: 10.1159/000336378. Epub 2012 Feb 29. Review.

Vitamin A

[Prognostic significance of serum retinol, serum alpha-tocopherol, and urinary neopterin in patients with head and neck carcinoma treated with external beam radiation.](#)

Holečková P, Krčmová L, Kalábová H, Kašparová M, Plíšek J, Pála M, Vítek P, Solichová D, Zezulová M, Studentová H, Melichar B.
Int J Vitam Nutr Res. 2012 Apr;82(2):77-84. doi: 10.1024/0300-9831/a000096.

[No improvement in suboptimal vitamin A status with a randomized, double-blind, placebo-controlled trial of vitamin A supplementation in children with sickle cell disease.](#)

Dougherty KA, Schall JI, Kawchak DA, Green MH, Ohene-Frempong K, Zemel BS, Stallings VA.
Am J Clin Nutr. 2012 Oct;96(4):932-40. Epub 2012 Sep 5.

[Improvement of retinal function in early age-related macular degeneration after lutein and zeaxanthin supplementation: a randomized, double-masked, placebo-controlled trial.](#)

Ma L, Dou HL, Huang YM, Lu XR, Xu XR, Qian F, Zou ZY, Pang HL, Dong PC, Xiao X, Wang X, Sun TT, Lin XM.
Am J Ophthalmol. 2012 Oct;154(4):625-634.e1. doi: 10.1016/j.ajo.2012.04.014. Epub 2012 Jul 25.

[Vitamin A metabolism in rod and cone visual cycles.](#)

Saari JC.
Annu Rev Nutr. 2012 Aug 21;32:125-45. doi: 10.1146/annurev-nutr-071811-

150748. Review.

[Influence of postpartum supplementation with vitamin A on the levels of immunoglobulin A in human colostrum.](#)

Lima MS, Ribeiro PP, Medeiros JM, Silva IF, Medeiros AC, Dimenstein R. J Pediatr (Rio J). 2012 Mar-Apr;88(2):115-8. doi: 10.2223/JPED.2162. Epub 2012 Mar 8.

[Influence of vitamin A status on the antiviral immunity of children with hand, foot and mouth disease.](#)

Chen S, Yang Y, Yan X, Chen J, Yu H, Wang W. Clin Nutr. 2012 Aug;31(4):543-8. doi: 10.1016/j.clnu.2011.12.005. Epub 2011 Dec 22.

[Visual deterioration caused by vitamin A deficiency in patients after bariatric surgery.](#)

Fok JS, Li JY, Yong TY. Eat Weight Disord. 2012 Jun;17(2):e144-6.

[Vitamin A in prevention of bronchopulmonary dysplasia.](#)

Guimarães H, Guedes MB, Rocha G, Tomé T, Albino-Teixeira A. Curr Pharm Des. 2012;18(21):3101-13.

[The influence of active and passive smoking during pregnancy on umbilical cord blood levels of vitamins A and E and neonatal anthropometric indices.](#)

Titova OE, Ayvazova EA, Bichkaeva FA, Brooks SJ, Chumakova GN, Schiöth HB, Benedict C. Br J Nutr. 2012 Oct 28;108(8):1341-5. doi: 10.1017/S000711451100688X. Epub 2012 Jan 3.

B-Vitamins

[The 'golden age' of DNA methylation in neurodegenerative diseases.](#)

Fuso A. Clin Chem Lab Med. 2012 Nov 21:1-12. doi: 10.1515/cclm-2012-0618. [Epub ahead of print]

[Gender and age influence blood folate, vitamin B\(12\), vitamin B\(6\), and homocysteine levels in European adolescents: the Helena Study.](#)

González-Gross M, Benser J, Breidenassel C, Albers U, Huybrechts I, Valtueña J, Spinneker A, Segoviano M, Widhalm K, Molnar D, Moreno LA, Stehle P, Pietrzik K; on behalf of the HELENA Study group. Nutr Res. 2012 Nov;32(11):817-826. doi: 10.1016/j.nutres.2012.09.016. Epub 2012 Nov 9.

[Meta-analysis of B vitamin supplementation on plasma homocysteine, cardiovascular and all-cause mortality.](#)

Huang T, Chen Y, Yang B, Yang J, Wahlqvist ML, Li D. Clin Nutr. 2012 Aug;31(4):448-54. doi: 10.1016/j.clnu.2011.01.003. Epub

2012 May 29. Review.

[Relationships among biomarkers of one-carbon metabolism.](#)

King WD, Ho V, Dodds L, Perkins SL, Casson RI, Massey TE.
Mol Biol Rep. 2012 Jul;39(7):7805-12. doi: 10.1007/s11033-012-1623-y. Epub 2012 Apr 24.

[Homocysteine and hydroxyproline levels in patients with primary open-angle glaucoma.](#)

Ghanem AA, Mady SM, El awady HE, Arafa LF.
Curr Eye Res. 2012 Aug;37(8):712-8. doi: 10.3109/02713683.2012.669512. Epub 2012 Mar 29.

[Methylation capacity in children with severe cerebral palsy.](#)

Schoendorfer NC, Obeid R, Moxon-Lester L, Sharp N, Vitetta L, Boyd RN, Davies PS.
Eur J Clin Invest. 2012 Jul;42(7):768-76. doi: 10.1111/j.1365-2362.2011.02644.x. Epub 2012 Feb 2.

[Effect on risk of anencephaly of gene-nutrient interactions between methylenetetrahydrofolate reductase C677T polymorphism and maternal folate, vitamin B12 and homocysteine profile.](#)

Lacasaña M, Blanco-Muñoz J, Borja-Aburto VH, Aguilar-Garduño C, Rodríguez-Barranco M, Sierra-Ramirez JA, Galaviz-Hernandez C, Gonzalez-Alzaga B, Garcia-Cavazos R.
Public Health Nutr. 2012 Aug;15(8):1419-28. doi: 10.1017/S136898001100334X. Epub 2012 Jan 10.

[Effect of combined folic acid, vitamin B\(6\), and vitamin B\(12\) on colorectal adenoma.](#)

Song Y, Manson JE, Lee IM, Cook NR, Paul L, Selhub J, Giovannucci E, Zhang SM.
J Natl Cancer Inst. 2012 Oct 17;104(20):1562-75. doi: 10.1093/jnci/djs370. Epub 2012 Oct 12.

[Alterations of homocysteine serum levels during alcohol withdrawal are influenced by folate and riboflavin: results from the German Investigation on Neurobiology in Alcoholism \(GINA\).](#)

Heese P, Linnebank M, Semmler A, Muschler MA, Heberlein A, Frieling H, Stoffel-Wagner B, Kornhuber J, Banger M, Bleich S, Hillemacher T.
Alcohol Alcohol. 2012 Sep-Oct;47(5):497-500. doi: 10.1093/alcalc/ags058. Epub 2012 May 29.

[Blood levels of homocysteine, cysteine, glutathione, folic acid, and vitamin B12 in the acute phase of atherothrombotic stroke.](#)

Salemi G, Gueli MC, D'Amelio M, Saia V, Mangiapane P, Aridon P, Ragonese P, Lupo I.

Vitamin B₁[A cross-investigation between thiamin deficiency and the physical condition of elderly people who require nursing care.](#)

Ito Y, Yamanaka K, Susaki H, Igata A.
J Nutr Sci Vitaminol (Tokyo). 2012;58(3):210-6.

[Thiamine diphosphate in whole blood, thiamine and thiamine monophosphate in breast-milk in a refugee population.](#)

Stuetz W, Carrara VI, McGready R, Lee SJ, Biesalski HK, Nosten FH.
PLoS One. 2012;7(6):e36280. doi: 10.1371/journal.pone.0036280. Epub 2012 Jun 29.

[Rapid onset of Wernicke's syndrome after gastric balloon positioning.](#)

Milone M, Scarano V, Di Minno MN, Lupoli R, Milone F, Musella M.
Eur J Clin Nutr. 2012 Aug;66(8):971. doi: 10.1038/ejcn.2012.59. Epub 2012 Jun 6. No abstract available.

[Vitamin B1 in the treatment of Wernicke's encephalopathy due to hyperemesis after gastroplasty.](#)

Kühn AL, Hertel F, Boulanger T, Diederich NJ.
J Clin Neurosci. 2012 Sep;19(9):1303-5. doi: 10.1016/j.jocn.2011.11.030. Epub 2012 Jun 21.

Vitamin B₁₂[Mutations in ABCD4 cause a new inborn error of vitamin B12 metabolism.](#)

Coelho D, Kim JC, Miousse IR, Fung S, du Moulin M, Buers I, Suormala T, Burda P, Frapolli M, Stucki M, Nürnberg P, Thiele H, Robenek H, Höhne W, Longo N, Pasquali M, Mengel E, Watkins D, Shoubridge EA, Majewski J, Rosenblatt DS, Fowler B, Rutsch F, Baumgartner MR.
Nat Genet. 2012 Oct;44(10):1152-5. doi: 10.1038/ng.2386. Epub 2012 Aug 26.

[Vitamin B-12 supplementation of rural Mexican women changes biochemical vitamin B-12 status indicators but does not affect hematology or a bone turnover marker.](#)

Shahab-Ferdows S, Anaya-Loyola MA, Vergara-Castañeda H, Rosado JL, Keyes WR, Newman JW, Miller JW, Allen LH.
J Nutr. 2012 Oct;142(10):1881-7. Epub 2012 Aug 22.

[Selective extraction and determination of vitamin B12 in urine by ionic liquid-based aqueous two-phase system prior to high-performance liquid chromatography.](#)

Berton P, Monasterio RP, Wuilloud RG.
Talanta. 2012 Aug 15;97:521-6. doi: 10.1016/j.talanta.2012.05.008. Epub 2012 May 15.

[Serum vitamin B12 and folate levels in patients with non-alcoholic fatty liver disease.](#)

Polyzos SA, Kountouras J, Patsiaoura K, Katsiki E, Zafeiriadou E, Zavos C, Deretzi G, Tsiaousi E, Slavakis A.

Int J Food Sci Nutr. 2012 Sep;63(6):659-66. doi: 10.3109/09637486.2011.649249. Epub 2012 Jan 9.

Vitamin B₂

[Decreased blood riboflavin levels are correlated with defective expression of RFT2 gene in gastric cancer.](#)

Eli M, Li DS, Zhang WW, Kong B, Du CS, Wumar M, Mamtimin B, Sheyhidin I, Hasim A.

World J Gastroenterol. 2012 Jun 28;18(24):3112-8. doi: 10.3748/wjg.v18.i24.3112.

[Photo-activated riboflavin therapy of refractory corneal ulcers.](#)

Panda A, Krishna SN, Kumar S.

Cornea. 2012 Oct;31(10):1210-3. doi: 10.1097/ICO.0b013e31823f8f48.

Vitamin B₆

[Vitamin B-6 vitamer levels in plasma and related symptoms in hemodialysis subjects taking low- and high-dose renal multivitamin supplements.](#)

Clement L, Boylan M, Miller V, Driskell J, Giraud D, Subih H.

Int J Vitam Nutr Res. 2012 Apr;82(2):130-6. doi: 10.1024/0300-9831/a000102.

[Marginal vitamin B-6 deficiency decreases plasma \(n-3\) and \(n-6\) PUFA concentrations in healthy men and women.](#)

Zhao M, Lamers Y, Ralat MA, Coats BS, Chi YY, Muller KE, Bain JR, Shankar MN, Newgard CB, Stacpoole PW, Gregory JF 3rd.

J Nutr. 2012 Oct;142(10):1791-7. Epub 2012 Sep 5.

[Prospective cohort studies of vitamin B-6 intake and colorectal cancer incidence: modification by time?](#)

Zhang X, Lee JE, Ma J, Je Y, Wu K, Willett WC, Fuchs CS, Giovannucci EL.

Am J Clin Nutr. 2012 Oct;96(4):874-81. Epub 2012 Aug 8.

[Effects of a leucine and pyridoxine-containing nutraceutical on fat oxidation, and oxidative and inflammatory stress in overweight and obese subjects.](#)

Zemel MB, Bruckbauer A.

Nutrients. 2012 Jun;4(6):529-41. doi: 10.3390/nu4060529. Epub 2012 Jun 15.

[Epilepsy as a pyridoxine-dependent condition: quantified urinary biomarkers for status evaluation and monitoring antiepileptic treatment.](#)

Dolina S, Margalit D, Malitsky S, Pressman E, Rabinkov A.
Med Hypotheses. 2012 Aug;79(2):157-64. doi: 10.1016/j.mehy.2012.04.022.
Epub 2012 May 29.

[Effect of lysine, vitamin B\(6\), and carnitine supplementation on the lipid profile of male patients with hypertriglyceridemia: a 12-week, open-label, randomized, placebo-controlled trial.](#)

Hlais S, Reslan DR, Saredidine HK, Nasreddine L, Taan G, Azar S, Obeid OA.
Clin Ther. 2012 Aug;34(8):1674-82. doi: 10.1016/j.clinthera.2012.06.019.
Epub 2012 Jul 20.

[Antiepileptic drugs and vitamin B6 plasma levels in adult patients.](#)

Linnebank M, Moskau S, Semmler A, Widman G, Weller M, Kallweit U, Elger CE.

Epilepsy Res. 2012 Aug;101(1-2):182-4. doi:
10.1016/j.eplepsyres.2012.03.002. Epub 2012 Mar 30.

Folic acid

[Reduced folate, increased vitamin B\(12\) and homocysteine concentrations in women delivering preterm.](#)

Dhobale M, Chavan P, Kulkarni A, Mehendale S, Pisal H, Joshi S.
Ann Nutr Metab. 2012;61(1):7-14. doi: 10.1159/000338473. Epub 2012 Jul 5.

[Periconceptional folic acid supplementation in a nationally representative sample of mothers.](#)

McNally S, Bourke A.
Ir Med J. 2012 Jul-Aug;105(7):236-8.

[Folate-status response to a controlled folate intake in nonpregnant, pregnant, and lactating women.](#)

West AA, Yan J, Perry CA, Jiang X, Malysheva OV, Caudill MA.
Am J Clin Nutr. 2012 Oct;96(4):789-800. Epub 2012 Aug 29.

[Benefits of docosahexaenoic acid, folic acid, vitamin D and iodine on foetal and infant brain development and function following maternal supplementation during pregnancy and lactation.](#)

Morse NL.
Nutrients. 2012 Jul;4(7):799-840. doi: 10.3390/nu4070799. Epub 2012 Jul 24. Review.

[Effects of prenatal and/or postnatal \(maternal and/or child\) folic acid supplementation on the mental performance of children.](#)

Skórka A, Gieruszczak-Biątek D, Pieścik M, Szajewska H.
Crit Rev Food Sci Nutr. 2012;52(11):959-64. doi:
10.1080/10408398.2010.515042. Review.

[Relative distribution of folate species is associated with global DNA methylation in human colorectal mucosa.](#)

Liu J, Hesson LB, Meagher AP, Bourke MJ, Hawkins NJ, Rand KN, Molloy PL, Pimanda JE, Ward RL.
Cancer Prev Res (Phila). 2012 Jul;5(7):921-9. doi: 10.1158/1940-6207.CAPR-11-0577. Epub 2012 May 18.

[Association between folate intake and melancholic depressive symptoms. A Finnish population-based study.](#)

Seppälä J, Koponen H, Kautiainen H, Eriksson JG, Kampman O, Männistö S, Mäntyselkä P, Oksa H, Ovaskainen Y, Viikki M, Vanhala M.
J Affect Disord. 2012 May;138(3):473-8. doi: 10.1016/j.jad.2012.01.007.
Epub 2012 Feb 19.

[Following up folate and its function in colorectal carcinogenesis.](#)

Ziegler RG.
J Natl Cancer Inst. 2012 Oct 17;104(20):1525-7. doi: 10.1093/jnci/djs412.
Epub 2012 Oct 12. No abstract available.

[Serum homocysteine and folate concentrations among a US cohort of adolescents before and after folic acid fortification.](#)

Enquobahrie DA, Feldman HA, Hoelscher DH, Steffen LM, Webber LS, Zive MM, Rimm EB, Stampfer MJ, Osganian SK.
Public Health Nutr. 2012 Oct;15(10):1818-26. doi:
10.1017/S1368980012002984.

[Homocysteine, folate and pregnancy outcomes.](#)

Kim MW, Hong SC, Choi JS, Han JY, Oh MJ, Kim HJ, Nava-Ocampo A, Koren G.
J Obstet Gynaecol. 2012 Aug;32(6):520-4. doi:
10.3109/01443615.2012.693984.

[Factors associated with prenatal folic acid and iron supplementation among 21,889 pregnant women in Northern Tanzania: a cross-sectional hospital-based study.](#)

Ogundipe O, Hoyo C, Østbye T, Oneko O, Manongi R, Lie RT, Daltveit AK.
BMC Public Health. 2012 Jun 26;12:481. doi: 10.1186/1471-2458-12-481.

[Folate status and health behaviours in two Australian Indigenous populations in north Queensland.](#)

Li M, McDermott R, D'Onise K, Leonard D.
Public Health Nutr. 2012 Oct;15(10):1959-65. doi:
10.1017/S1368980011003661. Epub 2012 Feb 10.

Niacin

[Extended-release niacin acutely suppresses postprandial triglyceridemia.](#)

Usman MH, Qamar A, Gadi R, Lilly S, Goel H, Hampson J, Mucksavage ML, Nathanson GA, Rader DJ, Dunbar RL.
Am J Med. 2012 Oct;125(10):1026-35. doi: 10.1016/j.amjmed.2012.03.017.

Epub 2012 Jul 25.

[The discovery of niacin, biotin, and pantothenic Acid.](#)

Lanska DJ.

Ann Nutr Metab. 2012;61(3):246-53. doi: 10.1159/000343115. Epub 2012 Nov 26.

[Pellagra: a non-communicable disease of poverty.](#)

Frank GP, Voorend DM, Chamdula A, van Oosterhout JJ, Koop K.

Trop Doct. 2012 Jul;42(3):182-4. doi: 10.1258/td.2012.120155.

Vitamin C

[Rapid quantitation of ascorbic and folic acids in SRM 3280 multivitamin/multielement tablets using flow-injection tandem mass spectrometry.](#)

Bhandari D, Kertesz V, Van Berkel GJ.

Rapid Commun Mass Spectrom. 2013 Jan 15;27(1):163-8. doi: 10.1002/rcm.6440.

[Effect of vitamin C supplements on physical performance.](#)

Braakhuis AJ.

Curr Sports Med Rep. 2012 Jul-Aug;11(4):180-4. doi: 10.1249/JSR.0b013e31825e19cd. Review.

[Ascorbic acid uptaken by sodium-dependent vitamin C transporter 2 induces BhCG expression through Sp1 and TFAP2A transcription factors in human choriocarcinoma cells.](#)

Chen L, Zhu H, Pan Y, Tang C, Watanabe M, Ruan H, Wang Y, Wang J, Yao HY, Iguchi T, Wu X.

J Clin Endocrinol Metab. 2012 Sep;97(9):E1667-76. doi: 10.1210/jc.2012-1753. Epub 2012 Jun 28.

[Indomethacin-induced translocation of bacteria across enteric epithelia is reactive oxygen species-dependent and reduced by vitamin C.](#)

Schoultz I, McKay CM, Graepel R, Phan VC, Wang A, Söderholm J, McKay DM.

Am J Physiol Gastrointest Liver Physiol. 2012 Sep 1;303(5):G536-45. doi: 10.1152/ajpgi.00125.2012. Epub 2012 Jun 14.

[Dietary benzo\(a\)pyrene and fetal growth: effect modification by vitamin C intake and glutathione S-transferase P1 polymorphism.](#)

Duarte-Salles T, Mendez MA, Morales E, Bustamante M, Rodríguez-Vicente A, Kogevinas M, Sunyer J.

Environ Int. 2012 Sep 15;45:1-8. doi: 10.1016/j.envint.2012.04.002. Epub 2012 May 5.

[Vitamin C, gastritis, and gastric disease: a historical review and update.](#)

Aditi A, Graham DY.

Dig Dis Sci. 2012 Oct;57(10):2504-15. Epub 2012 Apr 28. Review.

Vitamin D

[The history of the discovery of vitamin d and its daughter steroid hormone.](#)

Norman AW.

Ann Nutr Metab. 2012;61(3):199-206. doi: 10.1159/000343104. Epub 2012 Nov 26.

[Serum 25-hydroxyvitamin D levels are correlated with mitral valve calcification score in patients with rheumatic mitral stenosis.](#)

Yavuz B, Sen O, Deveci OS, Akin KO, Dal K, Ata N, Ertugrul DT.
J Heart Valve Dis. 2012 Sep;21(5):570-5.

[Vitamin D: a poor screening tool for biochemical and radiological rickets.](#)

Foley GT, Yates EW, Wadia F, Paton RW.

Acta Orthop Belg. 2012 Oct;78(5):663-7.

[Disease prevention: vitamin D trials.](#)

Pilz S, Rutters F, Dekker JM.

Science. 2012 Nov 16;338(6109):883. doi: 10.1126/science.338.6109.883-c.
No abstract available.

[Genetic variants and associations of 25-hydroxyvitamin D concentrations with major clinical outcomes.](#)

Levin GP, Robinson-Cohen C, de Boer IH, Houston DK, Lohman K, Liu Y, Kritchevsky SB, Cauley JA, Tanaka T, Ferrucci L, Bandinelli S, Patel KV, Hagström E, Michaëlsson K, Melhus H, Wang T, Wolf M, Psaty BM, Siscovick D, Kestenbaum B.

JAMA. 2012 Nov 14;308(18):1898-905. doi: 10.1001/jama.2012.17304.

[The urinary cotinine and serum 25 hydroxyvitamin D levels in male smokers.](#)

Buacharoen T, Kongtip P, Tharpoophasiam P, Chantanakul S, Sujirarat D.
J Med Assoc Thai. 2012 Jun;95 Suppl 6:S87-93.

[Association between vitamin D insufficiency and the risk for gestational diabetes mellitus in pregnant Chinese women.](#)

Wang O, Nie M, Hu YY, Zhang K, Li W, Ping F, Liu JT, Chen LM, Xing XP.
Biomed Environ Sci. 2012 Aug;25(4):399-406. doi: 10.3967/0895-3988.2012.04.004.

[Age- and gender-specific associations between low serum 25-hydroxyvitamin D level and type 2 diabetes in the Korean general population: analysis of 2008-2009 Korean National Health and Nutrition Examination Survey data.](#)

Lee BK, Park S, Kim Y.

Asia Pac J Clin Nutr. 2012;21(4):536-46.

[25\(OH\)D status and demographic and lifestyle determinants of 25\(OH\)D among Korean adults.](#)

Choi EY.
Asia Pac J Clin Nutr. 2012;21(4):526-35.

[Vitamin D status of exclusively breastfed 4-month-old infants supplemented during different seasons.](#)

Halicioglu O, Sutcuoglu S, Koc F, Yildiz O, Akman SA, Aksit S.
Pediatrics. 2012 Oct;130(4):e921-7. doi: 10.1542/peds.2012-0017. Epub 2012 Sep 24.

[Vitamin D, cognition, and dementia: a systematic review and meta-analysis.](#)

Balion C, Griffith LE, Striffler L, Henderson M, Patterson C, Heckman G, Llewellyn DJ, Raina P.
Neurology. 2012 Sep 25;79(13):1397-405. Review.

[Vitamin D status in HIV-infected patients with and without tuberculosis: a pilot study.](#)

Steenhoff AP, Redwood A, Pettifor JM, Hove J, Bisson GP, Mosepele M, Pusoesele P, Thakur R, Kovarik C, Gross R.
J Acquir Immune Defic Syndr. 2012 Oct 1;61(2):e21-3. No abstract available.

[Circulating 25-hydroxyvitamin D3 in pregnancy and infant neuropsychological development.](#)

Morales E, Guxens M, Llop S, Rodríguez-Bernal CL, Tardón A, Riaño I, Ibarluzea J, Lertxundi N, Espada M, Rodríguez A, Sunyer J; INMA Project.
Pediatrics. 2012 Oct;130(4):e913-20. doi: 10.1542/peds.2011-3289. Epub 2012 Sep 17.

[Vitamin D levels do not predict cardiovascular events in statin-treated patients with stable coronary disease.](#)

Bittner V, Wenger NK, Waters DD, DeMicco DA, Messig M, LaRosa JC.
Am Heart J. 2012 Sep;164(3):387-93. doi: 10.1016/j.ahj.2012.06.016.

[Reproducibility of serum 25-hydroxyvitamin d and vitamin D-binding protein levels over time in a prospective cohort study of black and white adults.](#)

Sonderman JS, Munro HM, Blot WJ, Signorello LB.
Am J Epidemiol. 2012 Oct 1;176(7):615-21. Epub 2012 Sep 13.

[Molecular aspects of vitamin D anticancer activity.](#)

Picotto G, Liaudat AC, Bohl L, Talamoni NT.
Cancer Invest. 2012 Oct;30(8):604-14. Epub 2012 Sep 10. Review.

[Circulating vitamin D, calcium and risk of cerebrovascular disease: a systematic review and meta-analysis.](#)

Chowdhury R, Stevens S, Ward H, Chowdhury S, Sajjad A, Franco OH.
Eur J Epidemiol. 2012 Aug;27(8):581-91. doi: 10.1007/s10654-012-9729-z. Epub 2012 Sep 9. Review.

[Prevalence of low vitamin D levels in an urban midwestern obstetric practice.](#)

Collins-Fulea C, Klima K, Wegienka GR.

J Midwifery Womens Health. 2012 Sep-Oct;57(5):439-44. doi: 10.1111/j.1542-2011.2012.00167.x.

[Effect of 1,25-dihydroxyvitamin D3 on Th17 and Th1 response in patients with Behçet's disease.](#)

Tian Y, Wang C, Ye Z, Xiao X, Kijlstra A, Yang P.
Invest Ophthalmol Vis Sci. 2012 Sep 21;53(10):6434-41. Print 2012 Sep.

["Prescribing sunshine": a national, cross-sectional survey of 1,089 New Zealand general practitioners regarding their sun exposure and vitamin D perceptions, and advice provided to patients.](#)

Reeder AI, Jopson JA, Gray AR.
BMC Fam Pract. 2012 Aug 17;13:85.

[Vitamin D deficiency in postmenopausal, healthy women predicts increased cardiovascular events: a 16-year follow-up study.](#)

Schierbeck LL, Rejnmark L, Tofteng CL, Stilgren L, Eiken P, Mosekilde L, Køber L, Jensen JE.
Eur J Endocrinol. 2012 Oct;167(4):553-60. doi: 10.1530/EJE-12-0283. Epub 2012 Aug 8.

[Vitamin D beliefs and associations with sunburns, sun exposure, and sun protection.](#)

Kim BH, Glanz K, Nehl EJ.
Int J Environ Res Public Health. 2012 Jul;9(7):2386-95. doi: 10.3390/ijerph9072386. Epub 2012 Jul 4.

[Vitamin D and multiple sclerosis.](#)

Ho SL, Alappat L, Awad AB.
Crit Rev Food Sci Nutr. 2012;52(11):980-7. doi: 10.1080/10408398.2010.516034. Review.

[Vitamin D supplementation as an adjuvant therapy for patients with T2DM: an 18-month prospective interventional study.](#)

Al-Daghri NM, Alkharfy KM, Al-Othman A, El-Kholie E, Moharram O, Alokail MS, Al-Saleh Y, Sabico S, Kumar S, Chrousos GP.
Cardiovasc Diabetol. 2012 Jul 18;11(1):85. doi: 10.1186/1475-2840-11-85.

[Hereditary hypophosphatemic rickets with hypercalciuria: case report.](#)

Areses-Trapote R, López-García JA, Ubetagoyena-Arrieta M, Eizaguirre A, Sáez-Villaverde R.
Nefrología. 2012 Jul 17;32(4):529-34. doi: 10.3265/Nefrología.pre2012.Apr.11321. English, Spanish.

[Platelet vitamin D receptor is reduced in osteoporotic patients.](#)

D'Amelio P, Cristofaro MA, De Vivo E, Ravazzoli M, Grosso E, Di Bella S, Aime M, Cotto N, Silvagno F, Isaia G, Pescarmona GP.
Panminerva Med. 2012 Sep;54(3):225-31.

[Vitamin D, metabolic dyslipidemia, and metabolic syndrome in rheumatoid arthritis.](#)

Baker JF, Mehta NN, Baker DG, Toedter G, Shults J, Von Feldt JM, Leonard MB.

Am J Med. 2012 Oct;125(10):1036.e9-1036.e15. doi: 10.1016/j.amjmed.2012.01.025. Epub 2012 Jul 14.

[Effect of vitamin D and inhaled corticosteroid treatment on lung function in children.](#)

Wu AC, Tantisira K, Li L, Fuhlbrigge AL, Weiss ST, Litonjua A; Childhood Asthma Management Program Research Group.

Am J Respir Crit Care Med. 2012 Sep 15;186(6):508-13. Epub 2012 Jul 12.

[Vitamin D and influenza.](#)

Sundaram ME, Coleman LA.

Adv Nutr. 2012 Jul 1;3(4):517-25. doi: 10.3945/an.112.002162. Review.

[Vitamin D-mediated hypercalcemia as the initial manifestation of pulmonary cryptococcosis in an HIV-uninfected patient.](#)

Huang JC, Kuo MC, Hwang SJ, Hwang DY, Chen HC.

Intern Med. 2012;51(13):1793-6. Epub 2012 Jul 1.

[Vitamin D and HIV progression among Tanzanian adults initiating antiretroviral therapy.](#)

Sudfeld CR, Wang M, Aboud S, Giovannucci EL, Mugusi FM, Fawzi WW.

PLoS One. 2012;7(6):e40036. doi: 10.1371/journal.pone.0040036. Epub 2012 Jun 29.

[Bone mineral status, bone turnover markers and vitamin D status in children with congenital adrenal hyperplasia.](#)

Okten A, Cakir M, Makuloglu M.

Minerva Endocrinol. 2012 Sep;37(3):275-82.

[Vitamin D deficiency, cognitive impairment and dementia: a systematic review and meta-analysis.](#)

Etgen T, Sander D, Bickel H, Sander K, Förstl H.

Dement Geriatr Cogn Disord. 2012;33(5):297-305. doi: 10.1159/000339702. Epub 2012 Jul 2. Review.

[Top food sources contributing to vitamin D intake and the association of ready-to-eat cereal and breakfast consumption habits to vitamin D intake in Canadians and United States Americans.](#)

Hill KM, Jonnalagadda SS, Albertson AM, Joshi NA, Weaver CM.

J Food Sci. 2012 Aug;77(8):H170-5. doi: 10.1111/j.1750-3841.2012.02787.x. Epub 2012 Jul 2.

[Chronic obstructive pulmonary disease is associated with low levels of vitamin D.](#)

Persson LJ, Aanerud M, Hiemstra PS, Hardie JA, Bakke PS, Eagan TM.

PLoS One. 2012;7(6):e38934. doi: 10.1371/journal.pone.0038934. Epub 2012

Jun 21.

[Associations between 25-hydroxyvitamin D and weight gain in elderly women.](#)

LeBlanc ES, Rizzo JH, Pedula KL, Ensrud KE, Cauley J, Hochberg M, Hillier TA; Study Of Osteoporotic Fractures.

J Womens Health (Larchmt). 2012 Oct;21(10):1066-73. doi: 10.1089/jwh.2012.3506. Epub 2012 Jun 25.

[Phylloquinone and vitamin D status: associations with incident chronic kidney disease in the Framingham Offspring cohort.](#)

O'Seaghdha CM, Hwang SJ, Holden R, Booth SL, Fox CS.

Am J Nephrol. 2012;36(1):68-77. doi: 10.1159/000339005. Epub 2012 Jun 20.

[Feasibility of a randomized controlled trial of vitamin D vs. placebo in women with recently diagnosed breast cancer.](#)

Cescon DW, Ganz PA, Beddows S, Ennis M, Mills BK, Goodwin PJ.

Breast Cancer Res Treat. 2012 Jul;134(2):759-67. doi: 10.1007/s10549-012-2120-7. Epub 2012 Jun 16.

[Serum 25-hydroxyvitamin D levels in restless legs syndrome patients.](#)

Balaban H, Yıldız ÖK, Çil G, Şentürk İA, Erselcan T, Bolayır E, Topaktaş S. Sleep Med. 2012 Aug;13(7):953-7. doi: 10.1016/j.sleep.2012.04.009. Epub 2012 Jun 15.

[Impaired vitamin D activation and association with CYP24A1 haplotypes in differentiated thyroid carcinoma.](#)

Penna-Martinez M, Ramos-Lopez E, Stern J, Kahles H, Hinsch N, Hansmann ML, Selkinski I, Grünwald F, Vorländer C, Bechstein WO, Zeuzem S, Holzer K, Badenhoop K.

Thyroid. 2012 Jul;22(7):709-16. doi: 10.1089/thy.2011.0330. Epub 2012 Jun 12.

[Serum 25\(OH\)D and type 2 diabetes association in a general population: a prospective study.](#)

Husemoen LL, Thuesen BH, Fenger M, Jørgensen T, Glümer C, Svensson J, Ovesen L, Witte DR, Linneberg A.

Diabetes Care. 2012 Aug;35(8):1695-700. doi: 10.2337/dc11-1309. Epub 2012 Jun 11.

[Review article: vitamin D and inflammatory bowel disease--established concepts and future directions.](#)

Garg M, Lubel JS, Sparrow MP, Holt SG, Gibson PR.

Aliment Pharmacol Ther. 2012 Aug;36(4):324-44. doi: 10.1111/j.1365-2036.2012.05181.x. Epub 2012 Jun 12. Review.

[Should hypertensive patients take vitamin D?](#)

Wuerzner G, Burnier M, Waeber B.

Curr Hypertens Rep. 2012 Aug;14(4):318-23. doi: 10.1007/s11906-012-0271-

x. Review.

[Vitamin D metabolism, sex hormones, and male reproductive function.](#)

Blomberg Jensen M.

Reproduction. 2012 Aug;144(2):135-52. doi: 10.1530/REP-12-0064. Epub 2012 May 25. Review.

[Serum vitamin D and risk of bladder cancer in the Prostate, Lung, Colorectal, and Ovarian \(PLCO\) Cancer Screening trial.](#)

Mondul AM, Weinstein SJ, Horst RL, Purdue M, Albanes D.

Cancer Epidemiol Biomarkers Prev. 2012 Jul;21(7):1222-5. doi: 10.1158/1055-9965.EPI-12-0439. Epub 2012 May 23.

[Adolescent intakes of vitamin D and calcium and incidence of proliferative benign breast disease.](#)

Su X, Colditz GA, Collins LC, Baer HJ, Sampson LA, Willett WC, Berkey CS, Schnitt SJ, Connolly JL, Rosner BA, Tamimi RM.

Breast Cancer Res Treat. 2012 Jul;134(2):783-91. doi: 10.1007/s10549-012-2091-8. Epub 2012 May 24.

[Efficacy and safety of high dose intramuscular or oral cholecalciferol in vitamin D deficient/insufficient elderly.](#)

Tellioglu A, Basaran S, Guzel R, Seydaoglu G.

Maturitas. 2012 Aug;72(4):332-8. doi: 10.1016/j.maturitas.2012.04.011. Epub 2012 May 20.

[Calcium and vitamin D in obesity.](#)

Song Q, Sergeev IN.

Nutr Res Rev. 2012 Jun;25(1):130-41. doi: 10.1017/S0954422412000029. Epub 2012 May 16. Review.

[The world epidemic of sleep disorders is linked to vitamin D deficiency.](#)

Gominak SC, Stumpf WE.

Med Hypotheses. 2012 Aug;79(2):132-5. doi: 10.1016/j.mehy.2012.03.031. Epub 2012 May 13.

[Association between metabolic syndrome, BMI, and serum vitamin D concentrations in rheumatoid arthritis.](#)

Goshayeshi L, Saber H, Sahebari M, Rezaieyazdi Z, Rafatpanah H, Esmaily H, Goshayeshi L.

Clin Rheumatol. 2012 Aug;31(8):1197-203. doi: 10.1007/s10067-012-1995-3. Epub 2012 May 13.

[Reversed seasonal variation in maternal vitamin D levels in southern Louisiana.](#)

Gangat M, Ponnappakkam T, Bradford E, Katikaneni R, Gensure R.

Clin Pediatr (Phila). 2012 Aug;51(8):718-22. doi: 10.1177/0009922812444599. Epub 2012 May 7.

[Increased prevalence of vitamin D insufficiency in patients with breast cancer after neoadjuvant chemotherapy.](#)

Jacot W, Pouderoux S, Thezenas S, Chapelle A, Bleuse JP, Romieu G, Lamy PJ.

Breast Cancer Res Treat. 2012 Jul;134(2):709-17. doi: 10.1007/s10549-012-2084-7. Epub 2012 May 6.

[Allelic variations in the vitamin D receptor gene, insulin secretion and parents' heights are independently associated with height in obese children and adolescents.](#)

Ferrarezi DA, Bellili-Muñoz N, Nicolau C, Cheurfa N, Guazzelli IC, Frazzatto E, Velho G, Villares SM.

Metabolism. 2012 Oct;61(10):1413-21. doi: 10.1016/j.metabol.2012.03.018. Epub 2012 Apr 30.

[Vitamin D in chronic kidney disease.](#)

Chau YY, Kumar J.

Indian J Pediatr. 2012 Aug;79(8):1062-8. doi: 10.1007/s12098-012-0765-1. Epub 2012 Apr 29. Review.

[The impact of pretransplant 25-hydroxy vitamin D deficiency on subsequent graft function: an observational study.](#)

Kim H, Kang SW, Yoo TH, Kim MS, Kim SI, Kim YS, Choi KH.

BMC Nephrol. 2012 Jul 10;13:22. doi: 10.1186/1471-2369-13-22.

[Circulating 25-hydroxyvitamin D concentration and the risk of type 2 diabetes: results from the European Prospective Investigation into Cancer \(EPIC\)-Norfolk cohort and updated meta-analysis of prospective studies.](#)

Forouhi NG, Ye Z, Rickard AP, Khaw KT, Luben R, Langenberg C, Wareham NJ.

Diabetologia. 2012 Aug;55(8):2173-82. doi: 10.1007/s00125-012-2544-y. Epub 2012 Apr 15. Review.

[The relation between sunscreen layer thickness and vitamin D production after ultraviolet B exposure: a randomized clinical trial.](#)

Faurschou A, Beyer DM, Schmedes A, Bogh MK, Philipsen PA, Wulf HC.

Br J Dermatol. 2012 Aug;167(2):391-5. doi: 10.1111/j.1365-2133.2012.11004.x.

[Vitamin D deficiency, CD4+CD28null cells and accelerated atherosclerosis in chronic kidney disease.](#)

Yadav AK, Banerjee D, Lal A, Jha V.

Nephrology (Carlton). 2012 Aug;17(6):575-81. doi: 10.1111/j.1440-1797.2012.01611.x.

[The role of vitamin D in pregnancy and lactation: insights from animal models and clinical studies.](#)

Kovacs CS.

Annu Rev Nutr. 2012 Aug 21;32:97-123. doi: 10.1146/annurev-nutr-071811-

150742. Epub 2012 Apr 5. Review.

[Evidence that abnormally large seasonal declines in vitamin D status may trigger SLE flare in non-African Americans.](#)

Birmingham DJ, Hebert LA, Song H, Noonan WT, Rovin BH, Nagaraja HN, Yu CY.

Lupus. 2012 Jul;21(8):855-64. doi: 10.1177/0961203312439640. Epub 2012 Mar 20.

[Non-genomic effects of vitamin D in human spermatozoa.](#)

Blomberg Jensen M, Dissing S.

Steroids. 2012 Aug;77(10):903-9. doi: 10.1016/j.steroids.2012.02.020. Epub 2012 Mar 5. Review.

[Low vitamin D levels are associated with increased rejection and infections after lung transplantation.](#)

Lowery EM, Bemiss B, Cascino T, Durazo-Arvizu RA, Forsythe SM, Alex C, Laghi F, Love RB, Camacho P.

J Heart Lung Transplant. 2012 Jul;31(7):700-7. doi: 10.1016/j.healun.2012.02.012. Epub 2012 Mar 3.

[Correlation between the cord vitamin D levels and regulatory T cells in newborn infants.](#)

Güven A, Ecevit A, Sözer O, Tarcan A, Tarcan A, Ozbek N.

Eur J Pediatr. 2012 Aug;171(8):1161-6. doi: 10.1007/s00431-012-1688-6. Epub 2012 Mar 1.

[Vitamin D deficiency is associated with increased IL-17 and TNF \$\alpha\$ levels in patients with chronic heart failure.](#)

Milovanovic M, Pesic G, Nikolic V, Jevtovic-Stoimenov T, Vasic K, Jovic Z, Deljanin-Ilic M, Pesic S.

Arq Bras Cardiol. 2012 Mar;98(3):259-65. Epub 2012 Feb 29. English, Portuguese, Spanish.

[Effect of vitamin D3 supplementation on relapses, disease progression, and measures of function in persons with multiple sclerosis: exploratory outcomes from a double-blind randomised controlled trial.](#)

Kampman MT, Steffensen LH, Mellgren SI, Jørgensen L.

Mult Scler. 2012 Aug;18(8):1144-51. doi: 10.1177/1352458511434607. Epub 2012 Feb 21.

[Improvement of vitamin D status resulted in amelioration of biomarkers of systemic inflammation in the subjects with type 2 diabetes.](#)

Shab-Bidar S, Neyestani TR, Djazayeri A, Eshraghian MR, Houshiarrad A, Kalayi A, Shariatzadeh N, Khalaji N, Gharavi A.

Diabetes Metab Res Rev. 2012 Jul;28(5):424-30. doi: 10.1002/dmrr.2290. Epub 2012 Feb 17.

[Vitamin D status and the predictors of circulating T helper 1-type immunoglobulin levels in Iranian subjects with type 1 diabetes and their](#)

[siblings: a case-control study.](#)

Ghandchi Z, Neyestani TR, Yaraghi AA, Eshraghian MR, Gharavi A, Shariatzadeh N, Kalayi A, Houshiarrad A.
J Hum Nutr Diet. 2012 Aug;25(4):365-72. doi: 10.1111/j.1365-277X.2012.01228.x. Epub 2012 Feb 17.

[Association of serum 25-hydroxyvitamin D with type 2 diabetes and markers of insulin resistance in a general older population in Finland.](#)

Hurskainen AR, Virtanen JK, Tuomainen TP, Nurmi T, Voutilainen S.
Diabetes Metab Res Rev. 2012 Jul;28(5):418-23. doi: 10.1002/dmrr.2286. Epub 2012 Feb 8.

[Low levels of 25\(OH\)D and insulin-resistance: 2 unrelated features or a cause-effect in PCOS?](#)

Muscogiuri G, Policola C, Prioletta A, Sorice G, Mezza T, Lassandro A, Della Casa S, Pontecorvi A, Giaccari A.
Clin Nutr. 2012 Aug;31(4):476-80. doi: 10.1016/j.clnu.2011.12.010. Epub 2012 Jan 20.

[Plasma 25-hydroxyvitamin D levels are favorably associated with \$\beta\$ -cell function.](#)

Karnchanasorn R, Ou HY, Chiu KC.
Pancreas. 2012 Aug;41(6):863-8. doi: 10.1097/MPA.0b013e31823c947c.

[Association of 1,25-dihydroxyvitamin D levels with physical performance and thigh muscle cross-sectional area in chronic kidney disease stage 3 and 4.](#)

Gordon PL, Doyle JW, Johansen KL.
J Ren Nutr. 2012 Jul;22(4):423-33. doi: 10.1053/j.jrn.2011.10.006. Epub 2012 Jan 9.

[Effect of vitamin D on insulin sensitivity in elderly patients with impaired fasting glucose.](#)

Naharci I, Bozoglu E, Kocak N, Doganci S, Doruk H, Serdar M.
Geriatr Gerontol Int. 2012 Jul;12(3):454-60. doi: 10.1111/j.1447-0594.2011.00791.x. Epub 2011 Dec 28.

[Effect of vitamin D supplementation during pregnancy on neonatal mineral homeostasis and anthropometry of the newborn and infant.](#)

Kalra P, Das V, Agarwal A, Kumar M, Ramesh V, Bhatia E, Gupta S, Singh S, Saxena P, Bhatia V.
Br J Nutr. 2012 Sep 28;108(6):1052-8. doi: 10.1017/S0007114511006246. Epub 2012 Jan 3.

[Vitamin D and incidence of diabetes: a prospective cohort study.](#)

González-Molero I, Rojo-Martínez G, Morcillo S, Gutiérrez-Repiso C, Rubio-Martín E, Almaraz MC, Olveira G, Soriguer F.
Clin Nutr. 2012 Aug;31(4):571-3. doi: 10.1016/j.clnu.2011.12.001. Epub 2011 Dec 26.

[Vitamin D supplementation during exercise training does not alter inflammatory biomarkers in overweight and obese subjects.](#)

Carrillo AE, Flynn MG, Pinkston C, Markofski MM, Jiang Y, Donkin SS, Teegarden D.

Eur J Appl Physiol. 2012 Aug;112(8):3045-52. doi: 10.1007/s00421-011-2279-3. Epub 2011 Dec 20.

[Association between serum 25-hydroxyvitamin D in early pregnancy and risk of gestational diabetes mellitus.](#)

Parlea L, Bromberg IL, Feig DS, Vieth R, Merman E, Lipscombe LL.

Diabet Med. 2012 Jul;29(7):e25-32. doi: 10.1111/j.1464-5491.2011.03550.x.

[Predictors of vitamin D status in predialysis chronic kidney disease patients: a cross-sectional analysis in a high ultraviolet climate.](#)

Petchey WG, Johnson DW, Hawley CM, Isbel NM.

J Ren Nutr. 2012 Jul;22(4):400-8. doi: 10.1053/j.jrn.2011.08.007. Epub 2011 Nov 9.

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

Ketteler M, Martin KJ, Cozzolino M, Goldsmith D, Sharma A, Khan S, Dumas E, Amdahl M, Marx S, Audhya P.

Nephrol Dial Transplant. 2012 May;27(5):1942-9. doi: 10.1093/ndt/gfr531. Epub 2011 Sep 19.

[Vitamin D3 modulates T lymphocyte responses in hepatitis C virus-infected liver transplant recipients.](#)

Almerighi C, Bergamini A, Lionetti R, Sinistro A, Lenci I, Tariciotti L, Tisone G, Angelico M.

Dig Liver Dis. 2012 Jan;44(1):67-73. doi: 10.1016/j.dld.2011.08.010. Epub 2011 Sep 17.

[Efficacy of vitamin D in patients with active rheumatoid arthritis receiving methotrexate therapy.](#)

Salesi M, Farajzadegan Z.

Rheumatol Int. 2012 Jul;32(7):2129-33. doi: 10.1007/s00296-011-1944-5. Epub 2011 Apr 27.

[Vitamin D as a possible independent predictor of bone mineral density in Estonian adults: a cross-sectional population-based study.](#)

Kull M, Kallikorm R, Lember M.

Intern Med J. 2012 Jun;42(6):e89-94. doi: 10.1111/j.1445-5994.2010.02397.x.

[A comparison between the efficacy of dydrogesterone and calcium plus vitamin D in improving women's general health.](#)

Khajehei M, Abdali K, Tabatabaee HR.

Afr J Psychiatry (Johannesbg). 2010 Jul;13(3):218-24.

[The relationship between vitamin D deficiency and thoracic aortic dilatation.](#)

Demir M, Uyan U, Melek M.
Vasa. 2012 Nov;41(6):419-24. doi: 10.1024/0301-15626/a000219.

[Correlation of vitamin D with Foxp3 induction and steroid-sparing effect of immunotherapy in asthmatic children.](#)

Majak P, Jerzyńska J, Smejda K, Stelmach I, Timler D, Stelmach W.
Ann Allergy Asthma Immunol. 2012 Nov;109(5):329-35. doi:
10.1016/j.anai.2012.08.002. Epub 2012 Aug 22.

[Neonatal vitamin D status and childhood peanut allergy: a pilot study.](#)

Mullins RJ, Clark S, Wiley V, Eyles D, Camargo CA Jr.
Ann Allergy Asthma Immunol. 2012 Nov;109(5):324-8. doi:
10.1016/j.anai.2012.07.009. Epub 2012 Sep 19.

[Occurrence of vitamin D deficiency in pediatric patients at high risk in West Virginia.](#)

Robinson C, Chiang M, Thompson SN, Sondike SB.
South Med J. 2012 Oct;105(10):504-7. doi: 10.1097/SMJ.0b013e3182675e8a.

[High dose vitamin D therapy for chronic pain in children and adolescents with sickle cell disease: results of a randomized double blind pilot study.](#)

Osunkwo I, Ziegler TR, Alvarez J, McCracken C, Cherry K, Osunkwo CE, Ofori-Acquah SF, Ghosh S, Ogunbobode A, Rhodes J, Eckman JR, Dampier C, Tangpricha V.
Br J Haematol. 2012 Oct;159(2):211-5. doi: 10.1111/bjh.12019. Epub 2012 Aug 28.

[Cholecalciferol supplementation in chronic kidney disease: restoration of vitamin D status and impact on parathyroid hormone.](#)

Garcia-Lopes MG, Pillar R, Kamimura MA, Rocha LA, Canziani ME, Carvalho AB, Cuppari L.
Ann Nutr Metab. 2012;61(1):74-82. doi: 10.1159/000339618. Epub 2012 Aug 7.

[Vitamin D3 supplementation has no effect on conventional cardiovascular risk factors: a parallel-group, double-blind, placebo-controlled RCT.](#)

Wood AD, Secombes KR, Thies F, Aucott L, Black AJ, Mavroeydi A, Simpson WG, Fraser WD, Reid DM, Macdonald HM.
J Clin Endocrinol Metab. 2012 Oct;97(10):3557-68. doi: 10.1210/jc.2012-2126. Epub 2012 Aug 3.

[The effect of vitamin D on calcium absorption in older women.](#)

Gallagher JC, Yalamanchili V, Smith LM.
J Clin Endocrinol Metab. 2012 Oct;97(10):3550-6. doi: 10.1210/jc.2012-2020. Epub 2012 Aug 1.

[Maternal vitamin D status as a critical determinant in gestational diabetes.](#)

Senti J, Thiele DK, Anderson CM.

J Obstet Gynecol Neonatal Nurs. 2012 May-Jun;41(3):328-38. doi: 10.1111/j.1552-6909.2012.01366.x. Review.

[Arterial stiffness and vitamin D levels: the Baltimore longitudinal study of aging.](#)

Giallauria F, Milaneschi Y, Tanaka T, Maggio M, Canepa M, Elango P, Vigorito C, Lakatta EG, Ferrucci L, Strait J.
J Clin Endocrinol Metab. 2012 Oct;97(10):3717-23. doi: 10.1210/jc.2012-1584. Epub 2012 Jul 5.

[Vitamin D deficiency in girls from South Brazil: a cross-sectional study on prevalence and association with vitamin D receptor gene variants.](#)

Santos BR, Mascarenhas LP, Satler F, Boguszewski MC, Spritzer PM.
BMC Pediatr. 2012 Jun 8;12:62. doi: 10.1186/1471-2431-12-62.

[Evaluation of genetic markers as instruments for mendelian randomization studies on vitamin D.](#)

Berry DJ, Vimalaswaran KS, Whittaker JC, Hingorani AD, Hyppönen E.
PLoS One. 2012;7(5):e37465. doi: 10.1371/journal.pone.0037465. Epub 2012 May 21.

[No association of vitamin D metabolism-related polymorphisms and melanoma risk as well as melanoma prognosis: a case-control study.](#)

Schäfer A, Emmert S, Kruppa J, Schubert S, Tzvetkov M, Mössner R, Reich K, Berking C, Volkenandt M, Pföhler C, Schön MP, Vogt T, König IR, Reichrath J.
Arch Dermatol Res. 2012 Jul;304(5):353-61. doi: 10.1007/s00403-012-1243-3. Epub 2012 May 11.

[Contribution of calcium, phosphorus and 25-hydroxyvitamin D to the excessive severity of secondary hyperparathyroidism in African-Americans with CKD.](#)

Ennis J, Worcester E, Coe F.
Nephrol Dial Transplant. 2012 Jul;27(7):2847-53. doi: 10.1093/ndt/gfs080. Epub 2012 Apr 13.

[Vitamin D levels in pregnant women booking for antenatal care in Far North Queensland.](#)

Bendall A, de Costa C, Woods C, Howat P.
Aust N Z J Obstet Gynaecol. 2012 Aug;52(4):391-4. doi: 10.1111/j.1479-828X.2012.01423.x. Epub 2012 Apr 11.

[Is 24,25\(OH\)D level really high in dialysis patients with high FGF23 levels?](#)

Taskapan H.
Int Urol Nephrol. 2012 Aug;44(4):1135-44. doi: 10.1007/s11255-012-0157-5. Epub 2012 Mar 31. Review.

[Differences in vitamin D status and calcium metabolism in Saudi Arabian boys and girls aged 6 to 18 years: effects of age, gender, extent of veiling and physical activity with concomitant implications for bone health.](#)

Al-Ghamdi MA, Lanham-New SA, Kahn JA.

Public Health Nutr. 2012 Oct;15(10):1845-53. doi: 10.1017/S1368980011003612. Epub 2012 Feb 21.

[Vitamin D status and physical activity interact to improve bone mass in adolescents. The HELENA Study.](#)

Valtueña J, Gracia-Marco L, Vicente-Rodríguez G, González-Gross M, Huybrechts I, Rey-López JP, Mouratidou T, Sioen I, Mesana MI, Martínez AE, Widhalm K, Moreno LA; HELENA Study Group. Osteoporos Int. 2012 Aug;23(8):2227-37. Epub 2012 Jan 12.

[Review of metabolic, immunologic, and virologic consequences of suboptimal vitamin D levels in HIV infection.](#)

Griffin AT, Arnold FW. AIDS Patient Care STDS. 2012 Sep;26(9):516-25. doi: 10.1089/apc.2012.0145. Epub 2012 Aug 3. Review.

[Treatment of vitamin D deficiency: divergence between clinical practice and expert advice.](#)

Findlay M, Anderson J, Roberts S, Almond A, Isles C. Postgrad Med J. 2012 May;88(1039):255-60. doi: 10.1136/postgradmedj-2011-130243. Epub 2012 Feb 23.

[Hyperparathyroidism and complications associated with vitamin D deficiency in HIV-infected adults in New York City, New York.](#)

Kwan CK, Eckhardt B, Baghdadi J, Aberg JA. AIDS Res Hum Retroviruses. 2012 Sep;28(9):1025-32. doi: 10.1089/AID.2011.0325. Epub 2012 Mar 23.

[Vitamin D accelerates resolution of inflammatory responses during tuberculosis treatment.](#)

Coussens AK, Wilkinson RJ, Hanifa Y, Nikolayevskyy V, Elkington PT, Islam K, Timms PM, Venton TR, Bothamley GH, Packe GE, Darmalingam M, Davidson RN, Milburn HJ, Baker LV, Barker RD, Mein CA, Bhaw-Rosun L, Nuamah R, Young DB, Drobniewski FA, Griffiths CJ, Martineau AR. Proc Natl Acad Sci U S A. 2012 Sep 18;109(38):15449-54. Epub 2012 Sep 4.

Vitamin E

[Urinary \$\alpha\$ -carboxyethyl hydroxychroman can be used as a predictor of \$\alpha\$ -tocopherol adequacy, as demonstrated in the Energetics Study.](#)

Lebold KM, Ang A, Traber MG, Arab L. Am J Clin Nutr. 2012 Oct;96(4):801-9. Epub 2012 Sep 5.

[Effect of a treatment strategy consisting of pravastatin, vitamin E, and homocysteine lowering on arterial compliance and distensibility in patients with mild-to-moderate chronic kidney disease.](#)

Veringa SJ, Nanayakkara PW, van Ittersum FJ, Vegting IL, van Guldener C, Smulders YM, ter Wee PM, Stehouwer CD.

Clin Nephrol. 2012 Oct;78(4):263-72.

[Novel metabolites and roles for \$\alpha\$ -tocopherol in humans and mice discovered by mass spectrometry-based metabolomics.](#)

Johnson CH, Slanař O, Krausz KW, Kang DW, Patterson AD, Kim JH, Luecke H, Gonzalez FJ, Idle JR.

Am J Clin Nutr. 2012 Oct;96(4):818-30. Epub 2012 Sep 5.

[Vitamin E: supplement versus diet in neurodegenerative diseases.](#)

Shen L, Ji HF.

Trends Mol Med. 2012 Aug;18(8):443-5. doi: 10.1016/j.molmed.2012.04.010.

Epub 2012 May 8.

Vitamin K

[Association of vitamin K status with adiponectin and body composition in healthy subjects: uncarboxylated osteocalcin is not associated with fat mass and body weight.](#)

Knapen MH, Schurgers LJ, Shearer MJ, Newman P, Theuwissen E, Vermeer C.

Br J Nutr. 2012 Sep 28;108(6):1017-24. doi: 10.1017/S000711451100626X.

Epub 2011 Dec 5.

Multivitamins

[Association of age and family history with supplement use in pediatric patients with allergy.](#)

Kubota M, Mori N, Hamada S, Nagai A, Seto S, Suehiro Y, Kusunoki T, Wakazono Y, Kiyomasu T.

Nutr Res. 2012 Nov;32(11):893-6. doi: 10.1016/j.nutres.2012.09.017. Epub 2012 Oct 29.

[Fat-soluble vitamins as disease modulators in multiple sclerosis.](#)

Torkildsen O, Løken-Amsrud KI, Wergeland S, Myhr KM, Holmøy T.

Acta Neurol Scand Suppl. 2013;(196):16-23. doi: 10.1111/ane.12045.

[Multivitamins in the prevention of cancer in men: the Physicians' Health Study II randomized controlled trial.](#)

Gaziano JM, Sesso HD, Christen WG, Bubes V, Smith JP, MacFadyen J, Schvartz M, Manson JE, Glynn RJ, Buring JE.

JAMA. 2012 Nov 14;308(18):1871-80.

[Multiplicities in the assessment of multiple vitamins: is it too soon to tell men that vitamins prevent cancer?](#)

Bach PB, Lewis RJ.

JAMA. 2012 Nov 14;308(18):1916-7. doi: 10.1001/jama.2012.53273. No abstract available.

[Vitamins.](#)

Lauer B, Spector N.
Pediatr Rev. 2012 Aug;33(8):339-51; quiz 351-2. doi: 10.1542/pir.33-8-339.
Review.

[Dietary supplements and hypertension: potential benefits and precautions.](#)

Rasmussen CB, Glisson JK, Minor DS.
J Clin Hypertens (Greenwich). 2012 Jul;14(7):467-71. doi: 10.1111/j.1751-7176.2012.00642.x. Epub 2012 May 14. Review.

[A.S.P.E.N. position paper: recommendations for changes in commercially available parenteral multivitamin and multi-trace element products.](#)

Vanek VW, Borum P, Buchman A, Fessler TA, Howard L, Jeejeebhoy K, Kochevar M, Shenkin A, Valentine CJ; Novel Nutrient Task Force, Parenteral Multi-Vitamin and Multi-Trace Element Working Group; American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) Board of Directors.
Nutr Clin Pract. 2012 Aug;27(4):440-91. doi: 10.1177/0884533612446706.
Epub 2012 Jun 22.

[Fat-soluble vitamins in advanced CKD/ESKD: a review.](#)

Holden RM, Ki V, Morton AR, Clase C.
Semin Dial. 2012 May;25(3):334-43. doi: 10.1111/j.1525-139X.2012.01084.x.
Review.

[Micronutrient deficits are still public health issues among women and young children in Vietnam.](#)

Lailou A, Pham TV, Tran NT, Le HT, Wieringa F, Rohner F, Fortin S, Le MB, Tran do T, Moench-Pfanner R, Berger J.
PLoS One. 2012;7(4):e34906. doi: 10.1371/journal.pone.0034906. Epub 2012 Apr 17.

[Lessons learned from randomized clinical trials of micronutrient supplementation for cancer prevention.](#)

Mayne ST, Ferrucci LM, Cartmel B.
Annu Rev Nutr. 2012 Aug 21;32:369-90. doi: 10.1146/annurev-nutr-071811-150659. Epub 2012 Apr 18. Review.

[A mother with green breastmilk due to multivitamin and mineral intake: a case report.](#)

Yazgan H, Demirdöven M, Yazgan Z, Toraman AR, Gürel A.
Breastfeed Med. 2012 Aug;7:310-2. doi: 10.1089/bfm.2011.0048. Epub 2011 Dec 7.

Carotenoids

[Plasma carotenoids and vitamin C concentrations and risk of urothelial cell carcinoma in the European Prospective Investigation into Cancer and Nutrition.](#)

Ros MM, Bueno-de-Mesquita HB, Kampman E, Aben KK, Büchner FL, Jansen

EH, van Gils CH, Egevad L, Overvad K, Tjønneland A, Roswall N, Boutron-Ruault MC, Kvaskoff M, Perquier F, Kaaks R, Chang-Claude J, Weikert S, Boeing H, Trichopoulou A, Lagiou P, Dilis V, Palli D, Pala V, Sacerdote C, Tumino R, Panico S, Peeters PH, Gram IT, Skeie G, Huerta JM, Barricarte A, Quirós JR, Sánchez MJ, Buckland G, Larrañaga N, Ehrnström R, Wallström P, Ljungberg B, Hallmans G, Key TJ, Allen NE, Khaw KT, Wareham N, Brennan P, Riboli E, Kiemeny LA.
Am J Clin Nutr. 2012 Oct;96(4):902-10. Epub 2012 Sep 5.

[Macular pigment parameters in patients with macular telangiectasia \(MacTel\) and normal subjects: implications of a novel analysis.](#)

Degli Esposti S, Egan C, Bunce C, Moreland JD, Bird AC, Robson AG.
Invest Ophthalmol Vis Sci. 2012 Sep 25;53(10):6568-75. Print 2012 Oct.

[Macular pigment imaging in AREDS2 participants: an ancillary study of AREDS2 subjects enrolled at the Moran Eye Center.](#)

Bernstein PS, Ahmed F, Liu A, Allman S, Sheng X, Sharifzadeh M, Ermakov I, Gellermann W.
Invest Ophthalmol Vis Sci. 2012 Sep 14;53(10):6178-86. doi: 10.1167/iovs.12-10275. Print 2012.

[Introduction of \$\beta\$ -carotene-rich orange sweet potato in rural Uganda resulted in increased vitamin A intakes among children and women and improved vitamin A status among children.](#)

Hotz C, Loechl C, Lubowa A, Tumwine JK, Ndeezi G, Nandutu Masawi A, Baingana R, Carriquiry A, de Brauw A, Meenakshi JV, Gilligan DO.
J Nutr. 2012 Oct;142(10):1871-80. Epub 2012 Aug 8.

[Patterns and costs associated with progression of age-related macular degeneration.](#)

Schmier JK, Covert DW, Lau EC.
Am J Ophthalmol. 2012 Oct;154(4):675-681.e1. doi: 10.1016/j.ajo.2012.04.017. Epub 2012 Jul 25.

[\$\beta\$ -Cryptoxanthin suppresses UVB-induced melanogenesis in mouse: involvement of the inhibition of prostaglandin E2 and melanocyte-stimulating hormone pathways.](#)

Shimoda H, Shan SJ, Tanaka J, Maoka T.
J Pharm Pharmacol. 2012 Aug;64(8):1165-76. doi: 10.1111/j.2042-7158.2012.01495.x. Epub 2012 Mar 27.

[Macular pigment density changes in Japanese individuals supplemented with lutein or zeaxanthin: quantification via resonance Raman spectrophotometry and autofluorescence imaging.](#)

Tanito M, Obana A, Gohto Y, Okazaki S, Gellermann W, Ohira A.
Jpn J Ophthalmol. 2012 Sep;56(5):488-96. doi: 10.1007/s10384-012-0157-0. Epub 2012 Jun 15.

[Lycopene for the prevention and treatment of benign prostatic hyperplasia and prostate cancer: a systematic review.](#)

Ilic D, Misso M.
Maturitas. 2012 Aug;72(4):269-76. doi: 10.1016/j.maturitas.2012.04.014.
Epub 2012 May 23. Review.

[Efficacy of lycopene as a locally delivered gel in the treatment of chronic periodontitis: smokers vs nonsmokers.](#)

Chandra RV, Sandhya YP, Nagarajan S, Reddy BH, Naveen A, Murthy KR.
Quintessence Int. 2012 May;43(5):401-11.

[Provitamin A carotenoids are independently associated with matrix metalloproteinase-9 in plasma samples from a general population.](#)

Rydén M, Garvin P, Kristenson M, Leanderson P, Ernerudh J, Jonasson L.
J Intern Med. 2012 Oct;272(4):371-84. doi: 10.1111/j.1365-2796.2012.2534.x. Epub 2012 Apr 9.

[Carrot man: a case of excessive beta-carotene ingestion.](#)

Sansone RA, Sansone LA.
Int J Eat Disord. 2012 Sep;45(6):816-8. doi: 10.1002/eat.22015. Epub 2012 Mar 19.

Choline

[Choline supplementation and measures of choline and betaine status: a randomised, controlled trial in postmenopausal women.](#)

Wallace JM, McCormack JM, McNulty H, Walsh PM, Robson PJ, Bonham MP, Duffy ME, Ward M, Molloy AM, Scott JM, Ueland PM, Strain JJ.
Br J Nutr. 2012 Oct;108(7):1264-71. Epub 2011 Dec 15.

Polyphenols

[Phenolic compounds: the role of redox regulation in neurodegenerative disease and cancer.](#)

Aboul-Enein HY, Kruk PB.
Mini Rev Med Chem. 2012 Nov 23. [Epub ahead of print]

Carnitine

[Carnitine and acylcarnitines: pharmacokinetic, pharmacological and clinical aspects.](#)

Reuter SE, Evans AM.
Clin Pharmacokinet. 2012 Sep 1;51(9):553-72. doi: 10.2165/11633940-000000000-00000. Review.

[Carnitine, nutritional supplementation and discontinuation of ketogenic diet therapies.](#)

Neal EG, Zupec-Kania B, Pfeifer HH.
Epilepsy Res. 2012 Jul;100(3):267-71. doi:

10.1016/j.eplepsyres.2012.04.021. Epub 2012 Jun 15. Review.

[Extraction and analysis of carnitine and acylcarnitines by electrospray ionization tandem mass spectrometry directly from dried blood and plasma spots using a novel autosampler.](#)

Thompson JW, Zhang H, Smith P, Hillman S, Moseley MA, Millington DS. Rapid Commun Mass Spectrom. 2012 Nov 15;26(21):2548-54. doi: 10.1002/rcm.6370.

[L-Carnitine prevents the development of ventricular fibrosis and heart failure with preserved ejection fraction in hypertensive heart disease.](#)

Omori Y, Ohtani T, Sakata Y, Mano T, Takeda Y, Tamaki S, Tsukamoto Y, Kamimura D, Aizawa Y, Miwa T, Komuro I, Soga T, Yamamoto K. J Hypertens. 2012 Sep;30(9):1834-44. doi: 10.1097/HJH.0b013e3283569c5a.

CoQ10

[The relationship between coenzyme Q10, oxidative stress, and antioxidant enzymes activities and coronary artery disease.](#)

Lee BJ, Lin YC, Huang YC, Ko YW, Hsia S, Lin PT. ScientificWorldJournal. 2012;2012:792756. doi: 10.1100/2012/792756. Epub 2012 May 3.

[Effect of coenzyme Q10 supplementation on statin-induced myalgias.](#)

Bookstaver DA, Burkhalter NA, Hatzigeorgiou C. Am J Cardiol. 2012 Aug 15;110(4):526-9. doi: 10.1016/j.amjcard.2012.04.026. Epub 2012 May 18.

Lipoic acid

[A systematic review and meta-analysis of \$\alpha\$ -lipoic acid in the treatment of diabetic peripheral neuropathy.](#)

Han T, Bai J, Liu W, Hu Y. Eur J Endocrinol. 2012 Oct;167(4):465-71. doi: 10.1530/EJE-12-0555. Epub 2012 Jul 25. Review.

[Age and gender dependent bioavailability of R- and R,S- \$\alpha\$ -lipoic acid: a pilot study.](#)

Keith DJ, Butler JA, Bemer B, Dixon B, Johnson S, Garrard M, Sudakin DL, Christensen JM, Pereira C, Hagen TM. Pharmacol Res. 2012 Sep;66(3):199-206. doi: 10.1016/j.phrs.2012.05.002. Epub 2012 May 16.

[Determination of lipoic acid, Trolox methyl ether and tocopherols in human plasma by liquid-chromatography and ion-trap tandem mass spectrometry.](#)

Montero O, Ramírez M, Sánchez-Guijo A, González C. Biomed Chromatogr. 2012 Oct;26(10):1228-33. doi: 10.1002/bmc.2683. Epub

2012 Jan 4.

Minerals

[Zinc and heme iron intakes and risk of colorectal cancer: a population-based prospective cohort study in Japan.](#)

Hara A, Sasazuki S, Inoue M, Iwasaki M, Shimazu T, Sawada N, Yamaji T, Takachi R, Tsugane S; Japan Public Health Center-based Prospective Study Group.

Am J Clin Nutr. 2012 Oct;96(4):864-73. Epub 2012 Sep 5.

[Role of calcium deficiency in development of nutritional rickets in Indian children: a case control study.](#)

Aggarwal V, Seth A, Aneja S, Sharma B, Sonkar P, Singh S, Marwaha RK. J Clin Endocrinol Metab. 2012 Oct;97(10):3461-6. doi: 10.1210/jc.2011-3120. Epub 2012 Aug 14.

[Arsenic exposure and DNA methylation among elderly men.](#)

Lambrou A, Baccarelli A, Wright RO, Weisskopf M, Bollati V, Amarasiriwardena C, Vokonas P, Schwartz J. Epidemiology. 2012 Sep;23(5):668-76.

[Associations between toenail arsenic concentration and dietary factors in a New Hampshire population.](#)

Gruber JF, Karagas MR, Gilbert-Diamond D, Bagley PJ, Zens MS, Sayarath V, Punshon T, Morris JS, Cottingham KL.

Nutr J. 2012 Jun 29;11:45. doi: 10.1186/1475-2891-11-45.

Miscellaneous

[The association of consumption of fruits/vegetables with decreased risk of glaucoma among older African-American women in the study of osteoporotic fractures.](#)

Giaconi JA, Yu F, Stone KL, Pedula KL, Ensrud KE, Cauley JA, Hochberg MC, Coleman AL; Study of Osteoporotic Fractures Research Group.

Am J Ophthalmol. 2012 Oct;154(4):635-44. doi: 10.1016/j.ajo.2012.03.048. Epub 2012 Jul 20.

[Health benefits of fruits and vegetables.](#)

Slavin JL, Lloyd B.

Adv Nutr. 2012 Jul 1;3(4):506-16. doi: 10.3945/an.112.002154. Review.

[Nutrient intakes linked to better health outcomes are associated with higher diet costs in the US.](#)

Aggarwal A, Monsivais P, Drewnowski A.

PLoS One. 2012;7(5):e37533. doi: 10.1371/journal.pone.0037533. Epub 2012 May 25.

[Effects of cooking using multi-ply cookware on absorption of potassium and vitamins: a randomized double-blind placebo control study.](#)

Mori M, Hamada A, Mori H, Yamori Y, Tsuda K.
Int J Food Sci Nutr. 2012 Aug;63(5):530-6. doi:
10.3109/09637486.2011.642342. Epub 2012 Jan 9.

[Fruit, vegetables, fibre and micronutrients and risk of US renal cell carcinoma.](#)

Brock KE, Ke L, Gridley G, Chiu BC, Ershow AG, Lynch CF, Graubard BI, Cantor KP.
Br J Nutr. 2012 Sep 28;108(6):1077-85. doi: 10.1017/S0007114511006489.
Epub 2011 Dec 20.

[Food fortification improves the intake of all fortified nutrients, but fails to meet the estimated dietary requirements for vitamins A and B6, riboflavin and zinc, in lactating South African women.](#)

Papathakis PC, Pearson KE.
Public Health Nutr. 2012 Oct;15(10):1810-7. doi:
10.1017/S1368980012003072. Epub 2012 Jul 5.

[Effects of chronic consumption of fruit and vegetable puree-based drinks on vasodilation, plasma oxidative stability and antioxidant status.](#)

George TW, Paterson E, Waroonphan S, Gordon MH, Lovegrove JA.
J Hum Nutr Diet. 2012 Oct;25(5):477-87. doi: 10.1111/j.1365-
277X.2012.01279.x. Epub 2012 Jul 26.

PUFAs

[Fish oil and postoperative atrial fibrillation: the Omega-3 Fatty Acids for Prevention of Post-operative Atrial Fibrillation \(OPERA\) randomized trial.](#)

Mozaffarian D, Marchioli R, Macchia A, Silletta MG, Ferrazzi P, Gardner TJ, Latini R, Libby P, Lombardi F, O'Gara PT, Page RL, Tavazzi L, Tognoni G; OPERA Investigators.
JAMA. 2012 Nov 21;308(19):2001-11.

[Relationships among skin conditions, mood, and polyunsaturated fatty acids of RBCs in healthy women.](#)

Hamazaki-Fujita N, Itomura M, Hamazaki K, Tohno H, Yomoda S, Terashima Y, Hamazaki T.
J Cosmet Sci. 2012 Sep-Oct;63(5):303-10.

[Role of fatty acids and polyphenols in inflammatory gene transcription and their impact on obesity, metabolic syndrome and diabetes.](#)

Sears B, Ricordi C.
Eur Rev Med Pharmacol Sci. 2012 Sep;16(9):1137-54. Review.

[Influences of micronutrient and omega-3 fatty acid supplementation on cognition, learning, and behavior: methodological considerations and implications for children and adolescents in developed societies.](#)

Frensham LJ, Bryan J, Parletta N.
Nutr Rev. 2012 Oct;70(10):594-610. doi: 10.1111/j.1753-4887.2012.00516.x.
Review.

[Plasma \$\omega\$ -3 fatty acid levels negatively and \$\omega\$ -6 fatty acid levels positively associated with other cardiovascular risk factors including homocysteine in severe obese subjects.](#)

Mehmetoglu I, Yerlikaya FH, Kurban S, Polat H.
Asia Pac J Clin Nutr. 2012;21(4):519-25.

[Effects of omega-3 fatty acids supplementation on serum adiponectin levels and some metabolic risk factors in women with polycystic ovary syndrome.](#)

Mohammadi E, Rafrat M, Farzadi L, Asghari-Jafarabadi M, Sabour S.
Asia Pac J Clin Nutr. 2012;21(4):511-8.

[Cardioprotection against ischaemia/reperfusion by vitamins C and E plus n-3 fatty acids: molecular mechanisms and potential clinical applications.](#)

Rodrigo R, Prieto JC, Castillo R.
Clin Sci (Lond). 2013 Jan;124(1):1-15. doi: 10.1042/CS20110663. Review.

[Plasma and dietary omega-3 fatty acids, fish intake, and heart failure risk in the Physicians' Health Study.](#)

Wilk JB, Tsai MY, Hanson NQ, Gaziano JM, Djoussé L.
Am J Clin Nutr. 2012 Oct;96(4):882-8. Epub 2012 Sep 5.

[Postnatal fish oil supplementation in high-risk infants to prevent allergy: randomized controlled trial.](#)

D'Vaz N, Meldrum SJ, Dunstan JA, Martino D, McCarthy S, Metcalfe J, Tulic MK, Mori TA, Prescott SL.
Pediatrics. 2012 Oct;130(4):674-82. doi: 10.1542/peds.2011-3104. Epub 2012 Sep 3.

[Incorporation of eicosapentaenoic and docosahexaenoic acids into lipid pools when given as supplements providing doses equivalent to typical intakes of oily fish.](#)

Browning LM, Walker CG, Mander AP, West AL, Madden J, Gambell JM, Young S, Wang L, Jebb SA, Calder PC.
Am J Clin Nutr. 2012 Oct;96(4):748-58. Epub 2012 Aug 29.

[Blood pressure in 12-year-old children is associated with fatty acid composition of human milk: the prevention and incidence of asthma and mite allergy birth cohort.](#)

van Rossem L, Wijga AH, de Jongste JC, Koppelman GH, Oldenwening M, Postma DS, Abrahamse-Berkeveld M, van de Heijning B, Brunekreef B, Smit HA.
Hypertension. 2012 Oct;60(4):1055-60. doi: 10.1161/HYPERTENSIONAHA.112.197830. Epub 2012 Aug 27.

[Myocardial infarction in relation to mercury and fatty acids from fish: a risk-benefit analysis based on pooled Finnish and Swedish data in men.](#)

Wennberg M, Strömberg U, Bergdahl IA, Jansson JH, Kauhanen J, Norberg M, Salonen JT, Skerfving S, Tuomainen TP, Vessby B, Virtanen JK. Am J Clin Nutr. 2012 Oct;96(4):706-13. Epub 2012 Aug 15.

[Benefits of docosahexaenoic acid, folic acid, vitamin D and iodine on foetal and infant brain development and function following maternal supplementation during pregnancy and lactation.](#)

Morse NL.

Nutrients. 2012 Jul;4(7):799-840. doi: 10.3390/nu4070799. Epub 2012 Jul 24. Review.

[Efficacy and safety of eicosapentaenoic acid ethyl ester \(AMR101\) therapy in statin-treated patients with persistent high triglycerides \(from the ANCHOR study\).](#)

Ballantyne CM, Bays HE, Kastelein JJ, Stein E, Isaacsohn JL, Braeckman RA, Soni PN.

Am J Cardiol. 2012 Oct 1;110(7):984-92. doi: 10.1016/j.amjcard.2012.05.031. Epub 2012 Jul 20.

[Plasma phospholipid fatty acid concentration and incident coronary heart disease in men and women: the EPIC-Norfolk prospective study.](#)

Khaw KT, Friesen MD, Riboli E, Luben R, Wareham N.

PLoS Med. 2012;9(7):e1001255. doi: 10.1371/journal.pmed.1001255. Epub 2012 Jul 3.

[DHA derivatives of fish oil as dietary supplements: a nutrition-based drug discovery approach for therapies to prevent metabolic cardiotoxicity.](#)

Ma Y, Lindsey ML, Halade GV.

Expert Opin Drug Discov. 2012 Aug;7(8):711-21. doi: 10.1517/17460441.2012.694862. Epub 2012 Jun 24. Review.

[Serum fatty-acid composition and the risk of Alzheimer's disease: a longitudinal population-based study.](#)

Rönnemaa E, Zethelius B, Vessby B, Lannfelt L, Byberg L, Kilander L.

Eur J Clin Nutr. 2012 Aug;66(8):885-90. doi: 10.1038/ejcn.2012.63. Epub 2012 Jun 20.

[Administration of omega-3 fatty acids and Raloxifene to women at high risk of breast cancer: interim feasibility and biomarkers analysis from a clinical trial.](#)

Signori C, DuBrock C, Richie JP, Prokopczyk B, Demers LM, Hamilton C, Hartman TJ, Liao J, El-Bayoumy K, Manni A.

Eur J Clin Nutr. 2012 Aug;66(8):878-84. doi: 10.1038/ejcn.2012.60. Epub 2012 Jun 6.

[\$\omega\$ -3 polyunsaturated fatty acid supplementation does not influence body composition, insulin resistance, and lipemia in women with type 2 diabetes and obesity.](#)

Crochemore IC, Souza AF, de Souza AC, Rosado EL.

Nutr Clin Pract. 2012 Aug;27(4):553-60. doi: 10.1177/0884533612444535.

Epub 2012 Jun 1.

[Omega-3 supplementation lowers inflammation in healthy middle-aged and older adults: a randomized controlled trial.](#)

Kiecolt-Glaser JK, Belury MA, Andridge R, Malarkey WB, Hwang BS, Glaser R. Brain Behav Immun. 2012 Aug;26(6):988-95. doi: 10.1016/j.bbi.2012.05.011. Epub 2012 May 26.

[Fatty acid composition in the postmortem amygdala of patients with schizophrenia, bipolar disorder, and major depressive disorder.](#)

Hamazaki K, Hamazaki T, Inadera H. J Psychiatr Res. 2012 Aug;46(8):1024-8. doi: 10.1016/j.jpsychires.2012.04.012. Epub 2012 May 8.

[Modulation of fatty acid transport and metabolism by maternal obesity in the human full-term placenta.](#)

Dubé E, Gravel A, Martin C, Desparois G, Moussa I, Ethier-Chiasson M, Forest JC, Giguère Y, Masse A, Lafond J. Biol Reprod. 2012 Jul 19;87(1):14, 1-11. doi: 10.1095/biolreprod.111.098095. Print 2012 Jul.

[Association between interaction and ratio of \$\omega\$ -3 and \$\omega\$ -6 polyunsaturated fatty acid and the metabolic syndrome in adults.](#)

Mirmiran P, Hosseinpour-Niazi S, Naderi Z, Bahadoran Z, Sadeghi M, Azizi F. Nutrition. 2012 Sep;28(9):856-63. doi: 10.1016/j.nut.2011.11.031. Epub 2012 Mar 28.

[Serum long chain n-3 fatty acids \(EPA and DHA\) in the pregnant mother are independent of risk of type 1 diabetes in the offspring.](#)

Sørensen IM, Joner G, Jenum PA, Eskild A, Stene LC. Diabetes Metab Res Rev. 2012 Jul;28(5):431-8. doi: 10.1002/dmrr.2293. Epub 2012 Mar 6.

[Prophylaxis for ribavirin-related anemia using eicosapentaenoic acid in chronic hepatitis C patients.](#)

Suzuki M, Inage E, Minowa K, Saito N, Naritaka N, Tsubahara M, Ohtsuka Y, Tokita A, Shimizu T. Pediatr Int. 2012 Aug;54(4):528-31. doi: 10.1111/j.1442-200X.2012.03603.x. Epub 2012 Apr 19.

[The effects of n-3 long-chain polyunsaturated fatty acids on bone formation and growth factors in adolescent boys.](#)

Damsgaard CT, Mølgaard C, Matthiessen J, Gyldenløve SN, Lauritzen L. Pediatr Res. 2012 Jun;71(6):713-9. doi: 10.1038/pr.2012.28. Epub 2012 Feb 15.

[Associations of plasma n-3 polyunsaturated fatty acids with blood pressure and cardiovascular risk factors among Chinese.](#)

Huang T, Shou T, Cai N, Wahlqvist ML, Li D. Int J Food Sci Nutr. 2012 Sep;63(6):667-73. doi:

10.3109/09637486.2011.652076. Epub 2012 Jan 20.

[Bioequivalence of two omega-3 fatty acid ethyl ester formulations: a case of clinical pharmacology of dietary supplements.](#)

Galli C, Maggi FM, Risé P, Sirtori CR.

Br J Clin Pharmacol. 2012 Jul;74(1):60-5. doi: 10.1111/j.1365-2125.2012.04174.x.

[Long-chain PUFA in granulocytes, mononuclear cells, and RBC in patients with cystic fibrosis: relation to liver disease.](#)

Jørgensen MH, Ott P, Michaelsen KF, Porsgaard T, Jensen F, Lannig S.

J Pediatr Gastroenterol Nutr. 2012 Jul;55(1):76-81. doi: 10.1097/MPG.0b013e318249438c.

[Increased erythrocytes n-3 and n-6 polyunsaturated fatty acids is significantly associated with a lower prevalence of steatosis in patients with type 2 diabetes.](#)

Petit JM, Guiu B, Duvillard L, Jooste V, Brindisi MC, Athias A, Bouillet B, Habchi M, Cottet V, Gambert P, Hillon P, Cercueil JP, Verges B.

Clin Nutr. 2012 Aug;31(4):520-5. doi: 10.1016/j.clnu.2011.12.007. Epub 2011 Dec 30.

[Polyunsaturated fatty acid levels in blood during pregnancy, at birth and at 7 years: their associations with two common FADS2 polymorphisms.](#)

Steer CD, Hibbeln JR, Golding J, Davey Smith G.

Hum Mol Genet. 2012 Apr 1;21(7):1504-12. doi: 10.1093/hmg/ddr588. Epub 2011 Dec 21.

[Effect of altering dietary n-6:n-3 PUFA ratio on cardiovascular risk measures in patients treated with statins: a pilot study.](#)

Lee SP, Dart AM, Walker KZ, O'Dea K, Chin-Dusting JP, Skilton MR.

Br J Nutr. 2012 Oct;108(7):1280-5. Epub 2011 Dec 20.

[\$\alpha\$ -Linolenic acid, linoleic acid and heart failure in women.](#)

Levitan EB, Wolk A, Håkansson N, Mittleman MA.

Br J Nutr. 2012 Oct;108(7):1300-6. Epub 2011 Dec 15.

[Erythrocyte n-3 polyunsaturated fatty acid and seafood intake decrease the risk of depression: case-control study in Korea.](#)

Park Y, Kim M, Baek D, Kim SH.

Ann Nutr Metab. 2012;61(1):25-31. doi: 10.1159/000339264. Epub 2012 Jul 6.

[Omega-3 fatty acids status in human subjects estimated using a food frequency questionnaire and plasma phospholipids levels.](#)

Garneau V, Rudkowska I, Paradis AM, Godin G, Julien P, Pérusse L, Vohl MC.

Nutr J. 2012 Jul 9;11:46. doi: 10.1186/1475-2891-11-46.

[A meta-analytic review of polyunsaturated fatty acid compositions in dementia.](#)

Lin PY, Chiu CC, Huang SY, Su KP.
J Clin Psychiatry. 2012 Sep;73(9):1245-54. doi: 10.4088/JCP.11r07546. Epub
2012 Aug 7. Review.

[Effects of high-dose fish oil supplementation during early infancy on neurodevelopment and language: a randomised controlled trial.](#)

Meldrum SJ, D'Vaz N, Simmer K, Dunstan JA, Hird K, Prescott SL.
Br J Nutr. 2012 Oct 28;108(8):1443-54. doi: 10.1017/S0007114511006878.
Epub 2012 Feb 21.

[Dietary inclusion of salmon, herring and pompano as oily fish reduces CVD risk markers in dyslipidaemic middle-aged and elderly Chinese women.](#)

Zhang J, Wang C, Li L, Man Q, Meng L, Song P, Frøyland L, Du ZY.
Br J Nutr. 2012 Oct 28;108(8):1455-65. doi: 10.1017/S0007114511006866.
Epub 2012 Jan 6.

[Dietary supplementation with n-3 PUFA does not promote weight loss when combined with a very-low-energy diet.](#)

Munro IA, Garg ML.
Br J Nutr. 2012 Oct 28;108(8):1466-74. doi: 10.1017/S0007114511006817.
Epub 2012 Jan 3.

[Fish consumption does not prevent increase in waist circumference in European women and men.](#)

Jakobsen MU, Due KM, Dethlefsen C, Halkjaer J, Holst C, Forouhi NG, Tjønneland A, Boeing H, Buijsse B, Palli D, Masala G, Du H, van der A DL, Wareham NJ, Feskens EJ, Sørensen TI, Overvad K.
Br J Nutr. 2012 Sep;108(5):924-31. doi: 10.1017/S0007114511006039. Epub
2011 Dec 12.