

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

Update December 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

[Liposomes as carriers of the lipid soluble antioxidant resveratrol: evaluation of amelioration of oxidative stress by additional antioxidant vitamin.](#)

Vanaja K, Wahl M, Bukarica L, Heinle H.
Life Sci. 2013 Oct 28. doi:pii: S0024-3205(13)00621-8.
10.1016/j.lfs.2013.10.019. [Epub ahead of print]

[Antioxidant vitamins and magnesium and the risk of hearing loss in the US general population.](#)

Choi YH, Miller JM, Tucker KL, Hu H, Park SK.
Am J Clin Nutr. 2013 Nov 6. [Epub ahead of print]

[Oxidative stress in children with bacterial meningitis.](#)

Srivastava R, Lohokare R, Prasad R.
J Trop Pediatr. 2013 Aug;59(4):305-8. doi: 10.1093/tropej/fmt013. Epub 2013 Feb 22.

[Oxidative stress and antioxidant capacity in patients with chronic pancreatitis with and without diabetes mellitus.](#)

Singh N, Bhardwaj P, Pandey RM, Saraya A.
Indian J Gastroenterol. 2012 Sep;31(5):226-31. doi: 10.1007/s12664-012-0236-7. Epub 2012 Aug 25.

Vitamin A

[Vitamin A--fortified vegetable oil exported from Malaysia and Indonesia can significantly contribute to vitamin A intake worldwide.](#)

Lailou A, Panagides D, Garrett GS, Moench-Pfanner R.
Food Nutr Bull. 2013 Jun;34(2 Suppl):S72-80.

[Vitamin A deficiency alters airway resistance in children with acute upper respiratory infection.](#)

Amaral CT, Pontes NN, Maciel BL, Bezerra HS, Triesta AN, Jeronimo SM, McGowan SE, Dantas VM.

Pediatr Pulmonol. 2013 May;48(5):481-9. doi: 10.1002/ppul.22621. Epub 2012 Jul 25.

[Vitamin a and bone health: the balancing act.](#)

Tanumihardjo SA.

J Clin Densitom. 2013 Oct-Dec;16(4):414-9. doi: 10.1016/j.jocd.2013.08.016.

[Sources of vitamin A in the diets of pre-school children in the Avon Longitudinal Study of Parents and Children \(ALSPAC\).](#)

Cribb VL, Northstone K, Hopkins D, Emmett PM.

Nutrients. 2013 May 15;5(5):1609-21. doi: 10.3390/nu5051609.

[Vitamin A and its derivatives in experimental photocarcinogenesis: preventive effects and relevance to humans.](#)

Shapiro SS, Seiberg M, Cole CA.

J Drugs Dermatol. 2013 Apr;12(4):458-63. Review.

B Vitamins

[Nutrients related to one-carbon metabolism and risk of renal cell cancer.](#)

Cho E, Giovannucci EL, Joh HK.

Cancer Causes Control. 2013 Feb;24(2):373-82. doi: 10.1007/s10552-012-0123-7. Epub 2012 Dec 15.

[Plasma B vitamins and LINE-1 DNA methylation in leukocytes of patients with a history of colorectal adenomas.](#)

Jung AY, Botma A, Lute C, Blom HJ, Ueland PM, Kvalheim G, Midttun Ø, Nagengast F, Steegenga W, Kampman E.

Mol Nutr Food Res. 2013 Apr;57(4):698-708. doi: 10.1002/mnfr.201200069. Epub 2012 Nov 7.

[Maternal B vitamin status in pregnancy week 18 according to reported use of folic acid supplements.](#)

Bjørke-Monsen AL, Roth C, Magnus P, Midttun Ø, Nilsen RM, Reichborn-Kjennerud T, Stoltenberg C, Susser E, Vollset SE, Ueland PM.

Mol Nutr Food Res. 2013 Apr;57(4):645-52. doi: 10.1002/mnfr.201200114. Epub 2012 Sep 24.

[Serum iron, vitamin B12 and folic acid levels in Parkinson's disease.](#)

Madenci G, Bilen S, Arli B, Saka M, Ak F.

Neurochem Res. 2012 Jul;37(7):1436-41. doi: 10.1007/s11064-012-0729-x. Epub 2012 Feb 26.

[Homocysteine lowering by folate-rich diet or pharmacological supplementations in subjects with moderate hyperhomocysteinemia.](#)

Zappacosta B, Mastroiacovo P, Persichilli S, Pounis G, Ruggeri S, Minucci A, Carnovale E, Andria G, Ricci R, Scala I, Genovese O, Turrini A, Mistura L, Giardina B, Iacoviello L.

Nutrients. 2013 May 8;5(5):1531-43. doi: 10.3390/nu5051531.

[Interactions between plasma concentrations of folate and markers of vitamin B12 status with cognitive performance in elderly people not exposed to folic acid fortification: the Hordaland Health Study.](#)

Doets EL, Ueland PM, Tell GS, Vollset SE, Nygård OK, Van't Veer P, de Groot LC, Nurk E, Refsum H, Smith AD, Eussen SJ.
Br J Nutr. 2013 Nov 11:1-11. [Epub ahead of print]

[Association of homocysteine levels with blood lead levels and micronutrients in the US general population.](#)

Lee YM, Lee MK, Bae SG, Lee SH, Kim SY, Lee DH.
J Prev Med Public Health. 2012 Nov;45(6):387-93. doi:
10.3961/jpmph.2012.45.6.387. Epub 2012 Nov 29.

[Co-administration of methyl donors along with guanidinoacetic acid reduces the incidence of hyperhomocysteinaemia compared with guanidinoacetic acid administration alone.](#)

Ostojic SM, Niess B, Stojanovic M, Obrenovic M.
Br J Nutr. 2013 Sep 14;110(5):865-70. doi: 10.1017/S0007114512005879.
Epub 2013 Jan 28.

Vitamin B₁

[Thiamine and fatigue in inflammatory bowel diseases: an open-label pilot study.](#)

Costantini A, Pala MI.
J Altern Complement Med. 2013 Aug;19(8):704-8. doi:
10.1089/acm.2011.0840. Epub 2013 Feb 4.

[Blood thiamine and its phosphate esters as measured by high-performance liquid chromatography: levels and associations in diabetes mellitus patients with varying degrees of microalbuminuria.](#)

Al-Attas OS, Al-Daghri NM, Alfadda AA, Abd-Alrahman SH, Sabico S.
J Endocrinol Invest. 2012 Dec;35(11):951-6. doi: 10.3275/8126. Epub 2011
Nov 22.

[A novel scoring system to guide risk assessment of Wernicke's encephalopathy.](#)

Green A, Parker R, Williams TM.
Alcohol Clin Exp Res. 2013 May;37(5):885-9. doi: 10.1111/acer.12028. Epub
2012 Dec 20.

Vitamin B₁₂

[An X-linked cobalamin disorder caused by mutations in transcriptional coregulator HCFC1.](#)

Yu HC, Sloan JL, Scharer G, Brebner A, Quintana AM, Achilly NP, Manoli I,

Coughlin CR 2nd, Geiger EA, Schneck U, Watkins D, Suormala T, Van Hove JL, Fowler B, Baumgartner MR, Rosenblatt DS, Venditti CP, Shaikh TH. Am J Hum Genet. 2013 Sep 5;93(3):506-14. doi: 10.1016/j.ajhg.2013.07.022.

[Effect of hydroxocobalamin on surface oximetry in nonexposed humans.](#)

Cashin BV, Matlock AG, Kang C, Reynolds PS, Wills BK. Prehosp Disaster Med. 2013 Aug;28(4):367-9. doi: 10.1017/S1049023X13003518. Epub 2013 May 1.

[Study of micronutrients \(copper, zinc and vitamin B12\) in posterolateral myelopathies.](#)

Verma R, Praharaj HN, Khanna VK, Garg RK, Singh MK, Malhotra HS. J Neurol Sci. 2013 Jun 15;329(1-2):11-6. doi: 10.1016/j.jns.2013.03.004. Epub 2013 Apr 4.

[Vitamin B12 levels in familial Mediterranean fever patients treated with colchicine.](#)

Gemici AI, Sevindik ÖG, Akar S, Tunca M. Clin Exp Rheumatol. 2013 May-Jun;31(3 Suppl 77):57-9. Epub 2013 Sep 9.

[Low vitamin B12 intake during pregnancy and lactation and low breastmilk vitamin 12 content in rural Kenyan women consuming predominantly maize diets.](#)

Neumann CG, Oace SM, Chaparro MP, Herman D, Drorbaugh N, Bwibo NO. Food Nutr Bull. 2013 Jun;34(2):151-9.

[Serum methylmalonic acid and holotranscobalamin-II as markers for vitamin B12 deficiency in end-stage renal disease patients.](#)

Iqbal N, Azar D, Yun YM, Ghausi O, Ix J, Fitzgerald RL. Ann Clin Lab Sci. 2013 Summer;43(3):243-9.

[Vitamin B12 deficiency: a treatable cause of developmental delay in infancy.](#)

Ganesan S, Thanawala N, Hussain N. J Paediatr Child Health. 2013 Apr;49(4):E348-9. doi: 10.1111/jpc.12158. No abstract available.

Vitamin B₂

[Corneal collagen cross-linking with riboflavin and ultraviolet a irradiation for keratoconus: long-term results.](#)

Hashemi H, Seyedian MA, Miraftab M, Fotouhi A, Asgari S. Ophthalmology. 2013 Aug;120(8):1515-20. doi: 10.1016/j.ophttha.2013.01.012. Epub 2013 Apr 12.

Vitamin B₆

[Substrate product ratios of enzymes in the kynurenine pathway measured in plasma as indicators of functional vitamin B-6 status.](#)

Ulvik A, Theofylaktopoulou D, Midttun Ø, Nygård O, Eussen SJ, Ueland PM. Am J Clin Nutr. 2013 Oct;98(4):934-40. doi: 10.3945/ajcn.113.064998. Epub 2013 Sep 4.

Folic acid

[A novel deletion mutation in the proton-coupled folate transporter \(PCFT; SLC46A1\) in a Nicaraguan child with hereditary folate malabsorption.](#)

Diop-Bove N, Jain M, Scaglia F, Goldman ID. Gene. 2013 Sep 25;527(2):673-4. doi: 10.1016/j.gene.2013.06.039. Epub 2013 Jun 28.

[Completeness of reporting of setting and health worker cadre among trials on antenatal iron and folic acid supplementation in pregnancy: an assessment based on two Cochrane reviews.](#)

Harper R, Lewin S, Glenton C, Peña-Rosas JP. Syst Rev. 2013 Jun 17;2:42. doi: 10.1186/2046-4053-2-42.

[Folate intake and pancreatic cancer risk: an overall and dose-response meta-analysis.](#)

Lin HL, An QZ, Wang QZ, Liu CX. Public Health. 2013 Jul;127(7):607-13. doi: 10.1016/j.puhe.2013.04.008. Epub 2013 Jun 14. Review.

[Maternal body mass index and the association between folic acid supplements and neural tube defects.](#)

Wang M, Wang ZP, Gao LJ, Gong R, Sun XH, Zhao ZT. Acta Paediatr. 2013 Sep;102(9):908-13. doi: 10.1111/apa.12313. Epub 2013 Jun 26.

[The impact of folic acid intake on the association among diabetes mellitus, obesity, and spina bifida.](#)

Parker SE, Yazdy MM, Tinker SC, Mitchell AA, Werler MM. Am J Obstet Gynecol. 2013 Sep;209(3):239.e1-8. doi: 10.1016/j.ajog.2013.05.047. Epub 2013 May 24.

[Maternal obesity and pre-pregnancy folic acid supplementation.](#)

Farah N, Kennedy C, Turner C, O'Dwyer V, Kennelly MM, Turner MJ. Obes Facts. 2013;6(2):211-5. doi: 10.1159/000350393. Epub 2013 Apr 24.

[The influence of folate supplementation on global gene expression in normal colonic mucosa of subjects with colorectal adenoma.](#)

Pufulete M, Abbadi RA, Arno M, Ewins M, Green C, Astarloa EA, Sanders T, Emery P. Mol Nutr Food Res. 2013 Apr;57(4):709-20. doi: 10.1002/mnfr.201200617.

Epub 2013 Jan 24.

[Folate and health: present and future.](#)

Ulrich CM, Miller JW.

Mol Nutr Food Res. 2013 Apr;57(4):561. doi: 10.1002/mnfr.201370034. No abstract available.

[Response of serum and red blood cell folate concentrations to folic acid supplementation depends on methylenetetrahydrofolate reductase C677T genotype: results from a crossover trial.](#)

Anderson CA, Beresford SA, McLerran D, Lampe JW, Deeb S, Feng Z, Motulsky AG.

Mol Nutr Food Res. 2013 Apr;57(4):637-44. doi: 10.1002/mnfr.201200108. Epub 2013 Mar 4.

[Relative efficacy of weekly and two differing doses of daily iron-folate supplementation in improving hemoglobin in mild and moderately anemic children between 3 and 5 years of age: a cluster randomized trial.](#)

Kapil U, Sachdev HP, Dwivedi SN, Pandey RM, Upadhyay AD, Sareen N.

Eur J Clin Nutr. 2013 Apr;67(4):343-7. doi: 10.1038/ejcn.2013.13. Epub 2013 Feb 13.

[Folate-genetics and colorectal neoplasia: what we know and need to know next.](#)

Figueiredo JC, Levine AJ, Crott JW, Baurley J, Haile RW.

Mol Nutr Food Res. 2013 Apr;57(4):607-27. doi: 10.1002/mnfr.201200278. Epub 2013 Feb 8. Review.

[Folate, alcohol, and liver disease.](#)

Medici V, Halsted CH.

Mol Nutr Food Res. 2013 Apr;57(4):596-606. doi: 10.1002/mnfr.201200077. Epub 2012 Nov 8. Review.

[Low dietary folate and methylenetetrahydrofolate reductase deficiency may lead to pregnancy complications through modulation of ApoAI and IFN- \$\gamma\$ in spleen and placenta, and through reduction of methylation potential.](#)

Mikael LG, Pancer J, Jiang X, Wu Q, Caudill M, Rozen R.

Mol Nutr Food Res. 2013 Apr;57(4):661-70. doi: 10.1002/mnfr.201200152. Epub 2012 Oct 30.

[Dietary intake and biological measurement of folate: a qualitative review of validation studies.](#)

Park JY, Vollset SE, Melse-Boonstra A, Chajès V, Ueland PM, Slimani N.

Mol Nutr Food Res. 2013 Apr;57(4):562-81. doi: 10.1002/mnfr.201200105. Epub 2012 Oct 15. Review.

[Use of folic acid supplements in early pregnancy in relation to maternal plasma levels in week 18 of pregnancy.](#)

Roth C, Bjørke-Monsen AL, Reichborn-Kjennerud T, Nilsen RM, Smith GD, Stoltenberg C, Surén P, Susser E, Ueland PM, Vollset SE, Magnus P.

Mol Nutr Food Res. 2013 Apr;57(4):653-60. doi: 10.1002/mnfr.201200116. Epub 2012 Oct 15.

[Gene-diet-interactions in folate-mediated one-carbon metabolism modify colon cancer risk.](#)

Liu AY, Scherer D, Poole E, Potter JD, Curtin K, Makar K, Slattery ML, Caan BJ, Ulrich CM.

Mol Nutr Food Res. 2013 Apr;57(4):721-34. doi: 10.1002/mnfr.201200180. Epub 2012 Sep 7.

[Absence of association between serum folate and preeclampsia in women exposed to food fortification.](#)

Thériault S, Giguère Y, Massé J, Lavoie SB, Girouard J, Bujold E, Forest JC. Obstet Gynecol. 2013 Aug;122(2 Pt 1):345-51. doi: 10.1097/AOG.0b013e31829b2f7c.

[Voluntary food fortification with folic acid in Spain: predicted contribution to children's dietary intakes as assessed with new food folate composition data.](#)

Samaniego-Vaesken ML, Alonso-Aperte E, Varela-Moreiras G.

Food Chem. 2013 Oct 1;140(3):526-32. doi: 10.1016/j.foodchem.2013.01.092. Epub 2013 Feb 13.

[Genetic variants in the folate pathway and the risk of neural tube defects: a meta-analysis of the published literature.](#)

Zhang T, Lou J, Zhong R, Wu J, Zou L, Sun Y, Lu X, Liu L, Miao X, Xiong G. PLoS One. 2013 Apr 4;8(4):e59570. doi: 10.1371/journal.pone.0059570. Print 2013.

[Folate metabolite profiling of different cell types and embryos suggests variation in folate one-carbon metabolism, including developmental changes in human embryonic brain.](#)

Leung KY, De Castro SC, Cabreiro F, Gustavsson P, Copp AJ, Greene ND.

Mol Cell Biochem. 2013 Jun;378(1-2):229-36. doi: 10.1007/s11010-013-1613-y. Epub 2013 Mar 13.

[Alcohol and dietary folate intake and the risk of breast cancer: a case-control study in Japan.](#)

Islam T, Ito H, Sueta A, Hosono S, Hirose K, Watanabe M, Iwata H, Tajima K, Tanaka H, Matsuo K.

Eur J Cancer Prev. 2013 Jul;22(4):358-66. doi: 10.1097/CEJ.0b013e32835b6a60.

[Near-elimination of folate-deficiency anemia by mandatory folic acid fortification in older US adults: Reasons for Geographic and Racial Differences in Stroke study 2003-2007.](#)

Odewole OA, Williamson RS, Zakai NA, Berry RJ, Judd SE, Qi YP, Adedinsowo DA, Oakley GP Jr.

Am J Clin Nutr. 2013 Oct;98(4):1042-7. doi: 10.3945/ajcn.113.059683. Epub

2013 Aug 14.

[Genetic causes of cerebral folate deficiency: clinical, biochemical and therapeutic aspects.](#)

Serrano M, Pérez-Dueñas B, Montoya J, Ormazabal A, Artuch R. Drug Discov Today. 2012 Dec;17(23-24):1299-306. doi: 10.1016/j.drudis.2012.07.008. Epub 2012 Jul 23. Review.

[Folic acid and folinic acid for reducing side effects in patients receiving methotrexate for rheumatoid arthritis.](#)

Shea B, Swinden MV, Tanjong Ghogomu E, Ortiz Z, Katchamart W, Rader T, Bombardier C, Wells GA, Tugwell P. Cochrane Database Syst Rev. 2013 May 31;5:CD000951. doi: 10.1002/14651858.CD000951.pub2. Review.

Niacin

[Therapeutic effect of oral nicotinamide on refractory uremic pruritus: a randomized, double-blind study.](#)

Omidian M, Khazanee A, Yaghoobi R, Ghorbani AR, Pazyar N, Beladimousavi SS, Ghadimi M, Mohebbipour A, Feily A. Saudi J Kidney Dis Transpl. 2013 Sep;24(5):995-9.

[The role of niacin in lipid-lowering treatment: are we aiming too high?](#)

Gouni-Berthold I, Berthold HK. Curr Pharm Des. 2013;19(17):3094-106. Review.

Pantothenic acid

[A pilot study of the effect of pantothenic acid in the treatment of post-operative ileus: results from an orthopedic surgical department.](#)

Giraldi G, De Luca d'Alessandro E, Mannocci A, Vecchione V, Martinoli L. Clin Ter. 2012;163(3):e121-6.

Vitamin C

[Long-term effects of vitamins C and E, \$\beta\$ -carotene, and zinc on age-related macular degeneration: AREDS report no. 35.](#)

Chew EY, Clemons TE, Agrón E, Sperduto RD, Sangiovanni JP, Kurinij N, Davis MD; Age-Related Eye Disease Study Research Group. Ophthalmology. 2013 Aug;120(8):1604-11.e4. doi: 10.1016/j.ophtla.2013.01.021. Epub 2013 Apr 10.

[Bolus consumption of a specifically designed fruit juice rich in anthocyanins and ascorbic acid did not influence markers of antioxidative defense in healthy humans.](#)

Ellinger S, Gordon A, Kürten M, Jungfer E, Zimmermann BF, Zur B, Ellinger

J, Marx F, Stehle P.
J Agric Food Chem. 2012 Nov 14;60(45):11292-300. doi: 10.1021/jf300719t.
Epub 2012 Nov 5.

[Whither hope for pharmacological treatment of Charcot-Marie-Tooth disease type 1A?](#)

Patel PI, Pleasure D.
JAMA Neurol. 2013 Aug;70(8):969-71. doi: 10.1001/jamaneurol.2013.3285.
No abstract available.

[High-dosage ascorbic acid treatment in Charcot-Marie-Tooth disease type 1A: results of a randomized, double-masked, controlled trial.](#)

Lewis RA, McDermott MP, Herrmann DN, Hoke A, Clawson LL, Siskind C, Feely SM, Miller LJ, Barohn RJ, Smith P, Luebke E, Wu X, Shy ME; Muscle Study Group.
JAMA Neurol. 2013 Aug;70(8):981-7. doi: 10.1001/jamaneurol.2013.3178.

[Haptoglobin phenotype, pre-eclampsia, and response to supplementation with vitamins C and E in pregnant women with type-1 diabetes.](#)

Weissgerber TL, Gandley RE, Roberts JM, Patterson CC, Holmes VA, Young IS, McCance DR; Diabetes and Pre-eclampsia Intervention Trial (DAPIT) Study Group.
BJOG. 2013 Sep;120(10):1192-9. doi: 10.1111/1471-0528.12288. Epub 2013 May 30.

[Effects of the combined administration of vitamins C and E on the oxidative stress status and programmed cell death pathways after experimental spinal cord injury.](#)

Chen HC, Hsu PW, Tzaan WC, Lee AW.
Spinal Cord. 2013 Nov 19. doi: 10.1038/sc.2013.140. [Epub ahead of print]

[Albert Szent-Györgyi \(1893-1986\): the scientist who discovered vitamin C.](#)

Grzybowski A, Pietrzak K.
Clin Dermatol. 2013 May-Jun;31(3):327-31.

Vitamin D

[Comparison of automated methods for measurement of 25-hydroxyvitamin D.](#)

Martins-Costa P, Martins H, Bravo F, Cruz M, Reis J, Oliveira JC.
Clin Lab. 2013;59(7-8):885-91.

[A review of vitamin D fortification: implications for nutrition programming in Southeast Asia.](#)

Yang Z, Laillou A, Smith G, Schofield D, Moench-Pfanner R.
Food Nutr Bull. 2013 Jun;34(2 Suppl):S81-9. Review.

[Effects of sun exposure on 25\(OH\) vitamin D concentration in urban and rural women in Malaysia.](#)

Nurbazlin M, Chee WS, Rokiah P, Tan AT, Chew YY, Nusaibah AR, Chan SP. Asia Pac J Clin Nutr. 2013;22(3):391-9. doi: 10.6133/apjcn.2013.22.3.15.

[Efficacy of vitamin D supplementation in depression in adults: a systematic review protocol.](#)

Li G, Mbuagbaw L, Samaan Z, Zhang S, Adachi JD, Papaioannou A, Thabane L. Syst Rev. 2013 Aug 8;2:64. doi: 10.1186/2046-4053-2-64.

[Association of common gene variants in vitamin D modulating genes and colon cancer recurrence.](#)

Szkandera J, Absenger G, Pichler M, Stotz M, Langsenlehner T, Samonigg H, Renner W, Gerger A. J Cancer Res Clin Oncol. 2013 Sep;139(9):1457-64. doi: 10.1007/s00432-013-1461-x. Epub 2013 Jun 23.

[Children with hemoglobin E/ \$\beta\$ -thalassemia have a high risk of being vitamin D deficient even if they get abundant sun exposure: a study from Thailand.](#)

Nakavachara P, Viprakasit V. Pediatr Blood Cancer. 2013 Oct;60(10):1683-8. doi: 10.1002/pbc.24614. Epub 2013 Jun 3.

[Serum 25-hydroxyvitamin D levels and the risk of depression: a systematic review and meta-analysis.](#)

Ju SY, Lee YJ, Jeong SN. J Nutr Health Aging. 2013;17(5):447-55. doi: 10.1007/s12603-012-0418-0. Review.

[Vitamin D intake and other risk factors for vitamin D insufficiency in Middle Eastern people living in the UK: a comparison of cultural and ethnic groups.](#)

Ahmed WA, Al-Murrani W, Kuri V, Rees GA. Ecol Food Nutr. 2013;52(3):191-202. doi: 10.1080/03670244.2012.706105.

[Is there an epidemic vitamin D deficiency in German orthopaedic patients?](#)

Maier GS, Jakobs P, Roth KE, Kurth AA, Maus U. Clin Orthop Relat Res. 2013 Sep;471(9):3029-35. doi: 10.1007/s11999-013-2996-5. Epub 2013 Apr 23.

[A randomized clinical trial of vitamin D supplementation in healthy adolescents.](#)

Putman MS, Pitts SA, Milliren CE, Feldman HA, Reinold K, Gordon CM. J Adolesc Health. 2013 May;52(5):592-8. doi: 10.1016/j.jadohealth.2012.10.270. Epub 2012 Dec 23.

[Vitamin D supplementation in older adults: searching for specific guidelines in nursing homes.](#)

Rolland Y, de Souto Barreto P, Abellan Van Kan G, Annweiler C, Beauchet O, Bischoff-Ferrari H, Berrut G, Blain H, Bonnefoy M, Cesari M, Duque G, Ferry M, Guerin O, Hanon O, Lesourd B, Morley J, Raynaud-Simon A, Ruault G, Souberbielle JC, Vellas B; French Group of Geriatrics and Nutrition.

J Nutr Health Aging. 2013 Apr;17(4):402-12. doi: 10.1007/s12603-013-0007-x. Review.

[Using genetic proxies for lifecourse sun exposure to assess the causal relationship of sun exposure with circulating vitamin d and prostate cancer risk.](#)

Bonilla C, Gilbert R, Kemp JP, Timpson NJ, Evans DM, Donovan JL, Hamdy FC, Neal DE, Fraser WD, Davey SG, Lewis SJ, Lathrop M, Martin RM. Cancer Epidemiol Biomarkers Prev. 2013 Apr;22(4):597-606. doi: 10.1158/1055-9965.EPI-12-1248. Epub 2013 Feb 25.

[Vitamin D attenuates nucleoside reverse transcriptase inhibitor induced human skeletal muscle mitochondria DNA depletion.](#)

Campbell GR, Pallack ZT, Spector SA. AIDS. 2013 Jun 1;27(9):1397-401. doi: 10.1097/QAD.0b013e32836010dd.

[Cross-sectional study on different characteristics of physical activity as determinants of vitamin D status; inadequate in half of the population.](#)

van den Heuvel EG, van Schoor N, de Jongh RT, Visser M, Lips P. Eur J Clin Nutr. 2013 Apr;67(4):360-5. doi: 10.1038/ejcn.2013.22. Epub 2013 Feb 13.

[Genetic variation in the vitamin d pathway in relation to risk of prostate cancer--results from the breast and prostate cancer cohort consortium.](#)

Mondul AM, Shui IM, Yu K, Travis RC, Stevens VL, Campa D, Schumacher FR, Ziegler RG, Bueno-de-Mesquita HB, Berndt S, Crawford ED, Gapstur SM, Gaziano JM, Giovannucci E, Haiman CA, Henderson BE, Hunter DJ, Johansson M, Key TJ, Le Marchand L, Lindström S, McCullough ML, Navarro C, Overvad K, Palli D, Purdue M, Stampfer MJ, Weinstein SJ, Willett WC, Yeager M, Chanock SJ, Trichopoulos D, Kolonel LN, Kraft P, Albanes D. Cancer Epidemiol Biomarkers Prev. 2013 Apr;22(4):688-96. doi: 10.1158/1055-9965.EPI-13-0007-T. Epub 2013 Feb 1.

[Vitamin D status and concomitant autoimmunity in celiac disease.](#)

Tavakkoli A, DiGiacomo D, Green PH, Lebwohl B. J Clin Gastroenterol. 2013 Jul;47(6):515-9. doi: 10.1097/MCG.0b013e318266f81b.

[Effect of simvastatin/ezetimibe 10/10 mg versus simvastatin 40 mg on serum vitamin D levels.](#)

Liberopoulos EN, Makariou SE, Moutzouri E, Kostapanos MS, Challa A, Elisaf M. J Cardiovasc Pharmacol Ther. 2013 May;18(3):229-33. doi: 10.1177/1074248412470513. Epub 2013 Jan 2.

[Serum 25-hydroxyvitamin D levels in preschool-age children in northern Sweden are inadequate after summer and diminish further during winter.](#)

Öhlund I, Silfverdal SA, Hernell O, Lind T. J Pediatr Gastroenterol Nutr. 2013 May;56(5):551-5. doi:

10.1097/MPG.0b013e3182838e5b.

[The prevalence and prognostic role of vitamin D deficiency in patients with acute coronary syndrome: a single centre study in South-West of Iran.](#)

Mahdavi K, Amirajam Z, Yazdankhah S, Majidi S, Adel MH, Omidvar B, Alasti M.

Heart Lung Circ. 2013 May;22(5):346-51. doi: 10.1016/j.hlc.2012.11.006.
Epub 2012 Dec 21.

[Vitamin D: do we get enough? A discussion between vitamin D experts in order to make a step towards the harmonisation of dietary reference intakes for vitamin D across Europe.](#)

Brouwer-Brolsma EM, Bischoff-Ferrari HA, Bouillon R, Feskens EJ, Gallagher CJ, Hypponen E, Llewellyn DJ, Stoecklin E, Dierkes J, Kies AK, Kok FJ, Lamberg-Allardt C, Moser U, Pilz S, Saris WH, van Schoor NM, Weber P, Witkamp R, Zittermann A, de Groot LC.

Osteoporos Int. 2013 May;24(5):1567-77. doi: 10.1007/s00198-012-2231-3.
Epub 2012 Dec 11.

[How important is vitamin D in preventing infections?](#)

Lang PO, Samaras N, Samaras D, Aspinall R.

Osteoporos Int. 2013 May;24(5):1537-53. doi: 10.1007/s00198-012-2204-6.
Epub 2012 Nov 17. Review.

[Serum vitamin D increases with weight loss in obese subjects 6 months after Roux-en-Y gastric bypass.](#)

Coupaye M, Breuil MC, Rivière P, Castel B, Bogard C, Dupré T, Msika S, Ledoux S.

Obes Surg. 2013 Apr;23(4):486-93. doi: 10.1007/s11695-012-0813-y.

[Associations of serum 25-hydroxyvitamin D with circulating PTH, phosphate and calcium in patients with primary hyperparathyroidism.](#)

Jayasena CN, Modi M, Palazzo F, De Silva A, Donaldson M, Meeran K, Dhillon WS.

Clin Endocrinol (Oxf). 2013 Jun;78(6):838-43. doi: 10.1111/cen.12062. Epub 2013 Apr 1.

[Serum 25-hydroxyvitamin D levels and overall mortality. A systematic review and meta-analysis of prospective cohort studies.](#)

Schöttker B, Ball D, Gellert C, Brenner H.

Ageing Res Rev. 2013 Mar;12(2):708-18. doi: 10.1016/j.arr.2012.02.004.
Epub 2012 Feb 17. Review.

[\[Vitamin D deficiency in Germany, is it a danger for increased morbidity and mortality?\]](#)

Ringe JD, Kipshoven C.

MMW Fortschr Med. 2011 Dec 15;153 Suppl 4:115-8. German.

[Clinical outcomes of vitamin D deficiency and supplementation in cancer patients.](#)

Teleni L, Baker J, Koczwara B, Kimlin MG, Walpole E, Tsai K, Isenring EA. Nutr Rev. 2013 Sep;71(9):611-21. doi: 10.1111/nure.12047. Epub 2013 Aug 15. Review.

[Optimal vitamin D status: a critical analysis on the basis of evidence-based medicine.](#)

Bouillon R, Van Schoor NM, Gielen E, Boonen S, Mathieu C, Vanderschueren D, Lips P. J Clin Endocrinol Metab. 2013 Aug;98(8):E1283-304. doi: 10.1210/jc.2013-1195.

[Higher vitamin D intake in preterm infants fed an isocaloric, protein- and mineral-enriched postdischarge formula is associated with increased bone accretion.](#)

van de Lagemaat M, Rotteveel J, Schaafsma A, van Weissenbruch MM, Lafeber HN. J Nutr. 2013 Sep;143(9):1439-44. doi: 10.3945/jn.113.178111. Epub 2013 Jul 31.

[Vitamin D supplementation affects serum high-sensitivity C-reactive protein, insulin resistance, and biomarkers of oxidative stress in pregnant women.](#)

Asemi Z, Samimi M, Tabassi Z, Shakeri H, Esmailzadeh A. J Nutr. 2013 Sep;143(9):1432-8. doi: 10.3945/jn.113.177550. Epub 2013 Jul 24.

[Vitamin D status is associated with functional limitations and functional decline in older individuals.](#)

Sohl E, van Schoor NM, de Jongh RT, Visser M, Deeg DJ, Lips P. J Clin Endocrinol Metab. 2013 Sep;98(9):E1483-90. doi: 10.1210/jc.2013-1698. Epub 2013 Jul 17.

[Vitamin D status in women with uterine leiomyomas.](#)

Paffoni A, Somigliana E, Vigano' P, Benaglia L, Cardellicchio L, Pagliardini L, Papaleo E, Candiani M, Fedele L. J Clin Endocrinol Metab. 2013 Aug;98(8):E1374-8. doi: 10.1210/jc.2013-1777. Epub 2013 Jul 3.

[Calcium and vitamin D intake by postmenopausal women with osteoporosis in Spain: an observational calcium and vitamin D intake \(CaVIT\) study.](#)

Fan T, Nocea G, Modi A, Stokes L, Sen SS. Clin Interv Aging. 2013;8:689-96. doi: 10.2147/CIA.S41335. Epub 2013 Jun 19.

[25-Hydroxyvitamin D, calcium intake, and bone mineral content in adolescents and young adults: analysis of the fourth and fifth Korea National Health and Nutrition Examination Survey \(KNHANES IV-2, 3, 2008-2009 and V-1, 2010\).](#)

Joo NS, Dawson-Hughes B, Yeum KJ. J Clin Endocrinol Metab. 2013 Sep;98(9):3627-36. doi: 10.1210/jc.2013-

1480. Epub 2013 Jun 24.

[Low vitamin D status is an independent predictor of increased frailty and all-cause mortality in older men: the Health in Men Study.](#)

Wong YY, McCaul KA, Yeap BB, Hankey GJ, Flicker L.

J Clin Endocrinol Metab. 2013 Sep;98(9):3821-8. doi: 10.1210/jc.2013-1702.

Epub 2013 Jun 20.

[Maternal vitamin D status and risk of pre-eclampsia: a systematic review and meta-analysis.](#)

Tabesh M, Salehi-Abargouei A, Tabesh M, Esmailzadeh A.

J Clin Endocrinol Metab. 2013 Aug;98(8):3165-73. doi: 10.1210/jc.2013-

1257. Epub 2013 Jun 19. Review.

[Early changes in 25-hydroxyvitamin D levels and bone markers after monthly risedronate with cholecalciferol in Korean patients with osteoporosis.](#)

Chung HY, Koo J, Kwon SK, Kang MI, Moon SH, Park JY, Shin CS, Yoon BK, Yoon HK, Chang JS, Chung YS, Park HM.

Clin Interv Aging. 2013;8:597-603. doi: 10.2147/CIA.S44395. Epub 2013 May 30.

[Low vitamin D serum level is inversely associated with eczema in children and adolescents in Germany.](#)

Heimbeck I, Wjst M, Apfelbacher CJ.

Allergy. 2013 Jul;68(7):906-10. doi: 10.1111/all.12167. Epub 2013 Jun 10.

[Comparison of vitamin D3 serum levels in new diagnosed patients with multiple sclerosis versus their healthy relatives.](#)

Mazdeh M, Seifirad S, Kazemi N, Seifrabie MA, Dehghan A, Abbasi H.

Acta Med Iran. 2013 May 30;51(5):289-92.

[Low serum levels of 25-hydroxyvitamin D predict hip fracture in the elderly: a NOREPOS study.](#)

Holvik K, Ahmed LA, Forsmo S, Gjesdal CG, Grimnes G, Samuelsen SO, Schei B, Blomhoff R, Tell GS, Meyer HE.

J Clin Endocrinol Metab. 2013 Aug;98(8):3341-50. doi: 10.1210/jc.2013-1468. Epub 2013 May 15.

[Vitamin D insufficiency and bone mineral status in a population of newcomer children in Canada.](#)

Vatanparast H, Nisbet C, Gushulak B.

Nutrients. 2013 May 14;5(5):1561-72. doi: 10.3390/nu5051561.

[Associations between blood persistent organic pollutants and 25-hydroxyvitamin D3 in pregnancy.](#)

Morales E, Gascon M, Martinez D, Casas M, Ballester F, Rodríguez-Bernal CL, Ibarluzea J, Marina LS, Espada M, Goñi F, Vizcaino E, Grimalt JO, Sunyer J; INMA Project.

Environ Int. 2013 Jul;57-58:34-41. doi: 10.1016/j.envint.2013.03.011. Epub

2013 May 4.

[The effect of 2 different single injections of high dose of vitamin D on improving the depression in depressed patients with vitamin D deficiency: a randomized clinical trial.](#)

Mozaffari-Khosravi H, Nabizade L, Yassini-Ardakani SM, Hadinedoushan H, Barzegar K.

J Clin Psychopharmacol. 2013 Jun;33(3):378-85. doi: 10.1097/JCP.0b013e31828f619a.

[Calcitriol, calcidiol, parathyroid hormone, and fibroblast growth factor-23 interactions in chronic kidney disease.](#)

de Brito Galvao JF, Nagode LA, Schenck PA, Chew DJ.

J Vet Emerg Crit Care (San Antonio). 2013 Mar-Apr;23(2):134-62. doi: 10.1111/vec.12036. Review.

[25-hydroxyvitamin D levels in African American and Nigerian women.](#)

Durazo-Arvizu RA, Aloia JF, Dugas LR, Tayo BO, Shoham DA, Bertino AM, Yeh JK, Cooper RS, Luke A.

Am J Hum Biol. 2013 Jul-Aug;25(4):560-2. doi: 10.1002/ajhb.22395. Epub 2013 Apr 4.

[Serum 25-hydroxyvitamin d and cancer risk in older adults: results from a large German prospective cohort study.](#)

Ordóñez-Mena JM, Schöttker B, Haug U, Müller H, Köhrle J, Schomburg L, Hollecsek B, Brenner H.

Cancer Epidemiol Biomarkers Prev. 2013 May;22(5):905-16. doi: 10.1158/1055-9965.EPI-12-1332. Epub 2013 Mar 5.

[Serum levels of 25-hydroxyvitamin D and the CYP3A biomarker 4β-hydroxycholesterol in a high-dose vitamin D supplementation study.](#)

Björkhem-Bergman L, Nylén H, Norlin AC, Lindh JD, Ekström L, Eliasson E, Bergman P, Diczfalusy U.

Drug Metab Dispos. 2013 Apr;41(4):704-8. doi: 10.1124/dmd.113.051136. Epub 2013 Feb 5.

[Interdependence and contributions of sun exposure and vitamin D to MRI measures in multiple sclerosis.](#)

Zivadinov R, Treu CN, Weinstock-Guttman B, Turner C, Bergsland N, O'Connor K, Dwyer MG, Carl E, Ramasamy DP, Qu J, Ramanathan M.

J Neurol Neurosurg Psychiatry. 2013 Oct;84(10):1075-81. doi: 10.1136/jnnp-2012-304661. Epub 2013 Feb 5.

[Effects of fluorines on nonsecosteroidal vitamin D receptor agonists.](#)

Kashiwagi H, Ohta M, Ono Y, Morikami K, Itoh S, Sato H, Takahashi T.

Bioorg Med Chem. 2013 Feb 1;21(3):712-21. doi: 10.1016/j.bmc.2012.11.029. Epub 2012 Dec 2.

[Theoretical basis of a beneficial role for vitamin D in viral hepatitis.](#)

Lương Kv, Nguyễn LT.

World J Gastroenterol. 2012 Oct 14;18(38):5338-50. doi: 10.3748/wjg.v18.i38.5338. Review.

[Vitamin D status and incident cardiovascular disease and all-cause mortality: a general population study.](#)

Skaaby T, Husemoen LL, Pisinger C, Jørgensen T, Thuesen BH, Fenger M, Linneberg A.

Endocrine. 2013 Jun;43(3):618-25. doi: 10.1007/s12020-012-9805-x. Epub 2012 Sep 27.

[Impaired microvascular endothelial function in vitamin D-deficient diabetic nephropathy patients.](#)

Munisamy S, Kamaliah MD, Suhaidarwani AH, Zahiruddin WM, Rasool AH.

J Cardiovasc Med (Hagerstown). 2013 Jun;14(6):466-71. doi: 10.2459/JCM.0b013e3283590d3d.

[Effect of calcium-vitamin D supplementation on metabolic profiles in pregnant women at risk for pre-eclampsia: a randomized placebo-controlled trial.](#)

Asemi Z, Tabassi Z, Heidarzadeh Z, Khorammian H, Sabihi SS, Samimi M. Pak J Biol Sci. 2012 Apr 1;15(7):316-24.

[Analytical variability among methods for the measurement of 25-hydroxyvitamin D: still adding to the noise.](#)

Holmes EW, Garbincius J, McKenna KM.

Am J Clin Pathol. 2013 Oct;140(4):550-60. doi: 10.1309/AJCPU2SKW1TFKSWY.

[Vitamin D intake and lung cancer risk in the Women's Health Initiative.](#)

Cheng TY, Lacroix AZ, Beresford SA, Goodman GE, Thornquist MD, Zheng Y, Chlebowski RT, Ho GY, Neuhaus ML.

Am J Clin Nutr. 2013 Oct;98(4):1002-11. doi: 10.3945/ajcn.112.055905. Epub 2013 Aug 21.

[Calcium plus vitamin D supplementation and joint symptoms in postmenopausal women in the women's health initiative randomized trial.](#)

Chlebowski RT, Pettinger M, Johnson KC, Wallace R, Womack C, Mossavar-Rahmani Y, Stefanick M, Wactawski-Wende J, Carbone L, Lu B, Eaton C, Walitt B, Kooperberg CL.

J Acad Nutr Diet. 2013 Oct;113(10):1302-10. doi: 10.1016/j.jand.2013.06.007. Epub 2013 Aug 15.

[Association between prehospital vitamin D status and hospital-acquired bloodstream infections.](#)

Quraishi SA, Litonjua AA, Moromizato T, Gibbons FK, Camargo CA Jr, Giovannucci E, Christopher KB.

Am J Clin Nutr. 2013 Oct;98(4):952-9. doi: 10.3945/ajcn.113.058909. Epub 2013 Aug 14.

[Crystal structures of hereditary vitamin D-resistant rickets-associated vitamin D receptor mutants R270L and W282R bound to 1,25-dihydroxyvitamin D3 and synthetic ligands.](#)

Nakabayashi M, Tsukahara Y, Iwasaki-Miyamoto Y, Mihori-Shimazaki M, Yamada S, Inaba S, Oda M, Shimizu M, Makishima M, Tokiwa H, Ikura T, Ito N.

J Med Chem. 2013 Sep 12;56(17):6745-60. doi: 10.1021/jm400537h. Epub 2013 Aug 29.

[C-reactive protein, vitamin D deficiency, and slow gait speed.](#)

Kositsawat J, Barry LC, Kuchel GA.

J Am Geriatr Soc. 2013 Sep;61(9):1574-9. doi: 10.1111/jgs.12403. Epub 2013 Aug 8.

[Long-term coffee consumption in relation to fracture risk and bone mineral density in women.](#)

Hallström H, Byberg L, Glynn A, Lemming EW, Wolk A, Michaëlsson K.

Am J Epidemiol. 2013 Sep 15;178(6):898-909. doi: 10.1093/aje/kwt062. Epub 2013 Jul 23.

[Frailty consensus: a call to action.](#)

Morley JE, Vellas B, van Kan GA, Anker SD, Bauer JM, Bernabei R, Cesari M, Chumlea WC, Doehner W, Evans J, Fried LP, Guralnik JM, Katz PR, Malmstrom TK, McCarter RJ, Gutierrez Robledo LM, Rockwood K, von Haehling S, Vandewoude MF, Walston J.

J Am Med Dir Assoc. 2013 Jun;14(6):392-7. doi: 10.1016/j.jamda.2013.03.022.

[Diet and vitamin D as risk factors for lung impairment and COPD.](#)

Hanson C, Rutten EP, Wouters EF, Rennard S.

Transl Res. 2013 Oct;162(4):219-36. doi: 10.1016/j.trsl.2013.04.004. Epub 2013 May 17. Review.

[Associations between frailty and serum 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D concentrations in older Australian men: the Concord Health and Ageing in Men Project.](#)

Hirani V, Naganathan V, Cumming RG, Blyth F, Le Couteur DG, Handelsman DJ, Waite LM, Seibel MJ.

J Gerontol A Biol Sci Med Sci. 2013 Sep;68(9):1112-21. doi: 10.1093/gerona/glt059. Epub 2013 May 8.

[Effect of acute and chronic vitamin D administration on systemic renin angiotensin system in essential hypertensives and controls.](#)

Bernini G, Carrara D, Bacca A, Carli V, Virdis A, Rugani I, Duranti E, Ghiadoni L, Bernini M, Taddei S.

J Endocrinol Invest. 2013 Apr;36(4):216-20.

[Epigenetic regulation of BMP2 by 1,25-dihydroxyvitamin D3 through DNA methylation and histone modification.](#)

Fu B, Wang H, Wang J, Barouhas I, Liu W, Shuboy A, Bushinsky DA, Zhou D,

Favus MJ.
PLoS One. 2013 Apr 19;8(4):e61423. doi: 10.1371/journal.pone.0061423.
Print 2013.

[Association between polymorphism of the vitamin D metabolism gene CYP27B1 and HLA-B27-associated uveitis. Is a state of relative immunodeficiency pathogenic in HLA B27-positive uveitis?](#)

Steinwender G, Lindner E, Weger M, Plainer S, Renner W, Ardjomand N, El-Shabrawi Y.
PLoS One. 2013 Apr 17;8(4):e62244. doi: 10.1371/journal.pone.0062244.
Print 2013.

[Vitamin d status in tasmanian children with cerebral palsy.](#)

Ware T, Whitelaw C, Flett P, Parameswaran V.
J Paediatr Child Health. 2013 Apr;49(4):E349-50. doi: 10.1111/jpc.12144. No abstract available.

[Variations in the vitamin D-binding protein \(DBP\) gene are related to lower 25-hydroxyvitamin D levels in healthy girls: a cross-sectional study.](#)

Santos BR, Mascarenhas LP, Boguszewski MC, Spritzer PM.
Horm Res Paediatr. 2013;79:162-8. doi: 10.1159/000348847. Epub 2013 Mar 20.

[Vitamin D and bone disease.](#)

Christodoulou S, Goula T, Ververidis A, Drosos G.
Biomed Res Int. 2013;2013:396541. doi: 10.1155/2013/396541. Epub 2012 Dec 27. Review.

[Meta-analysis: the efficacy and safety of paricalcitol for the treatment of secondary hyperparathyroidism and proteinuria in chronic kidney disease.](#)

Han T, Rong G, Quan D, Shu Y, Liang Z, She N, Liu M, Yang B, Cheng G, Lv Y, Stern L.
Biomed Res Int. 2013;2013:320560. doi: 10.1155/2013/320560. Epub 2012 Dec 27.

[Vitamin D-binding protein in cerebrospinal fluid is associated with multiple sclerosis progression.](#)

Yang M, Qin Z, Zhu Y, Li Y, Qin Y, Jing Y, Liu S.
Mol Neurobiol. 2013 Jun;47(3):946-56. doi: 10.1007/s12035-012-8387-1. Epub 2013 Jan 22.

[Is high-dose cholecalciferol justified in children with chronic kidney disease who failed low-dose maintenance therapy?](#)

Kari JA, Baghdadi OT, El-Desoky S.
Pediatr Nephrol. 2013 Jun;28(6):933-7. doi: 10.1007/s00467-012-2407-2. Epub 2013 Jan 22.

[Influence of diet, exercise, and serum vitamin d on sarcopenia in postmenopausal women.](#)

Mason C, Xiao L, Imayama I, Duggan CR, Foster-Schubert KE, Kong A,

Campbell KL, Wang CY, Villaseñor A, Neuhaus ML, Alfano CM, Blackburn GL, McTiernan A.
Med Sci Sports Exerc. 2013 Apr;45(4):607-14. doi:
10.1249/MSS.0b013e31827aa3fa.

[Vitamin D metabolism and activity as well as genetic variants of the vitamin D receptor \(VDR\) in chronic kidney disease patients.](#)

Santoro D, Caccamo D, Gagliostro G, Ientile R, Benvenga S, Bellinghieri G, Savica V.
J Nephrol. 2013 Jul-Aug;26(4):636-44. doi: 10.5301/jn.5000203. Epub 2012 Sep 13. Review.

[Vitamin D and the immune system: beyond rickets.](#)

O'Brien MA, Jackson MW.
Vet J. 2012 Oct;194(1):27-33. doi: 10.1016/j.tvjl.2012.05.022. Epub 2012 Jun 30. Review.

[Increase in bone mineral density in strictly treated Crohn's disease patients with concomitant calcium and vitamin D supplementation.](#)

Bakker SF, Dik VK, Witte BI, Lips P, Roos JC, Van Bodegraven AA.
J Crohns Colitis. 2013 Jun;7(5):377-84. doi: 10.1016/j.crohns.2012.06.003. Epub 2012 Jun 27.

[Decreased vitamin D levels in patients with familial mediterranean fever.](#)

Kisacik B, Kaya SU, Pehlivan Y, Tasliyurt T, Sayarlioglu M, Onat AM.
Rheumatol Int. 2013 May;33(5):1355-7. doi: 10.1007/s00296-011-2278-z. Epub 2011 Dec 21.

[Spontaneous femoral neck fracture associated with a low serum level of vitamin D.](#)

Ohishi H, Nakamura Y, Kishiya M, Toh S.
J Orthop Sci. 2013 May;18(3):496-9. doi: 10.1007/s00776-011-0171-y. Epub 2011 Nov 5. No abstract available.

[Suboptimal effect of different vitamin D3 supplementations and doses adapted to baseline serum 25\(OH\)D on achieved 25\(OH\)D levels in patients with a recent fracture: a prospective observational study.](#)

Shab-Bidar S, Bours SP, Geusens PP, van der Velde RY, Janssen MJ, van den Bergh JP.
Eur J Endocrinol. 2013 Oct 1;169(5):597-604. doi: 10.1530/EJE-13-0068. Print 2013 Nov.

[The serum 25-hydroxyvitamin D response to vitamin D supplementation is related to genetic factors, BMI, and baseline levels.](#)

Didriksen A, Grimnes G, Hutchinson MS, Kjærgaard M, Svartberg J, Joakimsen RM, Jorde R.
Eur J Endocrinol. 2013 Oct 1;169(5):559-67. doi: 10.1530/EJE-13-0233. Print 2013 Nov.

[Management of endocrine disease: value and limitations of assessing vitamin D nutritional status and advised levels of vitamin D supplementation.](#)

Romagnoli E, Pepe J, Piemonte S, Cipriani C, Minisola S.
Eur J Endocrinol. 2013 Sep 12;169(4):R59-69. doi: 10.1530/EJE-13-0435.
Print 2013 Oct. Review.

[On elucidating a possible link between vitamin D and venous thromboembolism--finding a piece of the puzzle.](#)

Lindqvist PG.
Thromb Haemost. 2013 May;109(5):787-8. doi: 10.1160/TH13-03-0235. Epub 2013 Apr 11. No abstract available.

[Serum levels of vitamin D are not associated with future risk of venous thromboembolism. The Tromsø Study.](#)

Brodin E, Lerstad G, Grimnes G, Brækkan SK, Vik A, Brox J, Svartberg J, Jorde R, Hansen JB.
Thromb Haemost. 2013 May;109(5):885-90. doi: 10.1160/TH12-10-0728.
Epub 2013 Feb 28.

[Determinants of vitamin D status in pregnant fair-skinned women in Sweden.](#)

Brembeck P, Winkvist A, Olausson H.
Br J Nutr. 2013 Sep 14;110(5):856-64. doi: 10.1017/S0007114512005855.
Epub 2013 Feb 6.

[Vitamin D, bone, and HIV infection.](#)

Yin M.
Top Antivir Med. 2012 Dec;20(5):168-72. Review.

[Vitamin D in human reproduction: a narrative review.](#)

Anagnostis P, Karras S, Goulis DG.
Int J Clin Pract. 2013 Mar;67(3):225-35. doi: 10.1111/ijcp.12031. Epub 2013 Jan 7. Review.

[Preanalytical evaluation of serum 25-hydroxyvitamin D3 and 25-hydroxyvitamin D2 measurements using LC-MS/MS.](#)

Mochizuki A, Kodera Y, Saito T, Satoh M, Sogawa K, Nishimura M, Seimiya M, Kubota M, Nomura F.
Clin Chim Acta. 2013 May;420:114-20. doi: 10.1016/j.cca.2012.10.041. Epub 2012 Nov 1.

Vitamin E

[Ultra-Performance Liquid Chromatographic Determination of Tocopherols and Retinol in Human Plasma.](#)

Bell EC, John M, Hughes RJ, Pham T.
J Chromatogr Sci. 2013 Oct 29. [Epub ahead of print]

[Vitamin E, \$\gamma\$ -tocopherol, reduces airway neutrophil recruitment after inhaled endotoxin challenge in rats and in healthy volunteers.](#)

Hernandez ML, Wagner JG, Kala A, Mills K, Wells HB, Alexis NE, Lay JC, Jiang Q, Zhang H, Zhou H, Peden DB.
Free Radic Biol Med. 2013 Jul;60:56-62. doi:
10.1016/j.freeradbiomed.2013.02.001. Epub 2013 Feb 9.

[The effect of vitamin E-bonded polysulfone membrane dialyzer on a new oxidative lipid marker.](#)

Kitamura Y, Kamimura K, Yoshioka N, Hosotani Y, Tsuchida K, Koremoto M, Minakuchi J.
J Artif Organs. 2013 Jun;16(2):206-10. doi: 10.1007/s10047-013-0689-1.
Epub 2013 Feb 10.

[Vitamin E management of oxidative damage-linked dysfunctions of hyperthyroid tissues.](#)

Venditti P, Di Stefano L, Di Meo S.
Cell Mol Life Sci. 2013 Sep;70(17):3125-44. doi: 10.1007/s00018-012-1217-9.
Epub 2012 Dec 20. Review.

[Effects of hemodialysis and vitamin E supplementation on low-density lipoprotein oxidizability in end-stage renal failure.](#)

Baldi S, Innocenti M, Frascerra S, Nannipieri M, Lippi A, Rindi P, Ferrannini E.
J Nephrol. 2013 May-Jun;26(3):549-55. doi: 10.5301/jn.5000190. Epub 2012 Aug 28.

Vitamin K

[Clinical decision-making for vitamin K-1 and K-2 deficiency and coronary artery calcification with warfarin therapy: are diet, factor Xa inhibitors or both the answer?](#)

Wahlqvist ML, Tanaka K, Tzeng BH.
Asia Pac J Clin Nutr. 2013;22(3):492-6.

[Contact dermatitis to vitamin K1 in an eye cream.](#)

Lopez-Lerma I, Vilaplana J.
Ann Allergy Asthma Immunol. 2013 Sep;111(3):227-8. doi:
10.1016/j.anai.2013.06.017. Epub 2013 Jul 16. No abstract available.

[Vitamin K-dependent carboxylation of matrix Gla-protein: a crucial switch to control ectopic mineralization.](#)

Schurgers LJ, Uitto J, Reutelingsperger CP.
Trends Mol Med. 2013 Apr;19(4):217-26. doi:
10.1016/j.molmed.2012.12.008. Epub 2013 Jan 30. Review.

[Vitamin K deficiency bleeding and early infant male circumcision in Africa.](#)

Plank RM, Steinmetz T, Sokal DC, Shearer MJ, Data S.
Obstet Gynecol. 2013 Aug;122(2 Pt 2):503-5. doi:
10.1097/AOG.0b013e31828b2f5c.

[Vitamin K supplementation for cystic fibrosis.](#)

Jagannath VA, Fedorowicz Z, Thaker V, Chang AB.
Cochrane Database Syst Rev. 2013 Apr 30;4:CD008482. doi:
10.1002/14651858.CD008482.pub3. Review.

[Does treatment guided by vitamin K in the diet alter the quality of life of anticoagulated patients?](#)

Silva de Assis MC, Nascimento Cruz L, Zuchinali P, Rohde LE, Rejane Rabelo E.
Nutr Hosp. 2012 Jul-Aug;27(4):1328-33. doi: 10.3305/nh.2012.27.4.5847.

Multivitamins

[The randomized Linxian Dysplasia Nutrition Intervention Trial after 26 years of follow-up: no effect of multivitamin supplementation on mortality.](#)

Wang JB, Abnet CC, Fan JH, Qiao YL, Taylor PR.
JAMA Intern Med. 2013 Jul 8;173(13):1259-61. doi:
10.1001/jamainternmed.2013.6066. No abstract available.

[Low vitamin and carotenoid levels are related to cerebral white matter lesions.](#)

Ohshima Y, Mizuno T, Yamada K, Matsumoto S, Nagakane Y, Kondo M, Kuriyama N, Miyazaki T, Takeda K, Nishimura T, Nakagawa M, Ozasa K, Watanabe Y.
J Nutr Health Aging. 2013;17(5):456-60. doi: 10.1007/s12603-012-0419-z.

[Importance and management of micronutrient deficiencies in patients with Alzheimer's disease.](#)

Cardoso BR, Cominetti C, Cozzolino SM.
Clin Interv Aging. 2013;8:531-42. doi: 10.2147/CIA.S27983. Epub 2013 May 10. Review.

[Effects of nutritional supplementation on children with HIV/AIDS in China.](#)

Maggie Z, He G, Wang H.
Zhong Nan Da Xue Xue Bao Yi Xue Ban. 2012 Mar;37(3):305-10. doi:
10.3969/j.issn.1672-7347.2012.03.017. Review.

Carotenoids

[Effects of formulation on the bioavailability of lutein and zeaxanthin: a randomized, double-blind, cross-over, comparative, single-dose study in healthy subjects.](#)

Evans M, Beck M, Elliott J, Etheve S, Roberts R, Schalch W.
Eur J Nutr. 2013 Jun;52(4):1381-91. doi: 10.1007/s00394-012-0447-9. Epub 2012 Sep 30.

[Nutrients for the aging eye.](#)

Rasmussen HM, Johnson EJ.

Clin Interv Aging. 2013;8:741-8. doi: 10.2147/CIA.S45399. Epub 2013 Jun 19. Review.

[Investigation of genetic variation in scavenger receptor class B, member 1 \(SCARB1\) and association with serum carotenoids.](#)

McKay GJ, Loane E, Nolan JM, Patterson CC, Meyers KJ, Mares JA, Yonova-Doing E, Hammond CJ, Beatty S, Silvestri G. Ophthalmology. 2013 Aug;120(8):1632-40. doi: 10.1016/j.ophtha.2013.01.030. Epub 2013 Apr 5.

[Plasma carotenoid- and retinol-weighted multi-SNP scores and risk of breast cancer in the National Cancer Institute Breast and Prostate Cancer Cohort Consortium.](#)

Hendrickson SJ, Lindström S, Eliassen AH, Rosner BA, Chen C, Barrdahl M, Brinton L, Buring J, Canzian F, Chanock S, Clavel-Chapelon F, Figueroa JD, Gapstur SM, Garcia-Closas M, Gaudet MM, Haiman CA, Hazra A, Henderson B, Hoover R, Hüsing A, Johansson M, Kaaks R, Khaw KT, Kolonel LN, Le Marchand L, Lissowska J, Lund E, McCullough ML, Peplonska B, Riboli E, Sacerdote C, Sánchez MJ, Tjønneland A, Trichopoulos D, van Gils CH, Yeager M, Kraft P, Hunter DJ, Ziegler RG, Willett WC. Cancer Epidemiol Biomarkers Prev. 2013 May;22(5):927-36. doi: 10.1158/1055-9965.EPI-13-0017. Epub 2013 Mar 20.

[Optical detection of carotenoid antioxidants in human bone and surrounding tissue.](#)

Ermakov IV, Ermakova MR, Rosenberg TD, Gellermann W. J Biomed Opt. 2013 Nov 1;18(11):117006. doi: 10.1117/1.JBO.18.11.117006.

[Treatment with 9-cis \$\beta\$ -carotene-rich powder in patients with retinitis pigmentosa: a randomized crossover trial.](#)

Rotenstreich Y, Belkin M, Sadetzki S, Chetrit A, Ferman-Attar G, Sher I, Harari A, Shaish A, Harats D. JAMA Ophthalmol. 2013 Aug;131(8):985-92.

[A case of late onset erythropoietic protoporphyria associated with myelodysplastic syndrome treated by the combination of beta carotene and azacitidine.](#)

Nishikawa Y, Okuda S, Takebayashi C, Tanimoto T, Kami M, Kobayashi K. Ann Hematol. 2013 Oct;92(10):1415-6. doi: 10.1007/s00277-013-1720-6. Epub 2013 Mar 9. No abstract available.

[Enhancing performance while avoiding damage: a contribution of macular pigment.](#)

Stringham JM, Snodderly DM. Invest Ophthalmol Vis Sci. 2013 Sep 19;54(9):6298-306. doi: 10.1167/iovs.13-12365.

Polyphenols

[Quantification of phenolic acids and their methylates, glucuronides, sulfates and lactones metabolites in human plasma by LC-MS/MS after oral ingestion of soluble coffee.](#)

Marmet C, Actis-Goretta L, Renouf M, Giuffrida F.
J Pharm Biomed Anal. 2013 Oct 23;88C:617-625. doi:
10.1016/j.jpba.2013.10.009. [Epub ahead of print]

Inositol

[Effect of dietary myo-inositol supplementation in pregnancy on the incidence of maternal gestational diabetes mellitus and fetal outcomes: a randomized controlled trial.](#)

Matarrelli B, Vitacolonna E, D'Angelo M, Pavone G, Mattei PA, Liberati M, Celentano C.

J Matern Fetal Neonatal Med. 2013 Jul;26(10):967-72. doi:
10.3109/14767058.2013.766691. Epub 2013 Mar 1.

CoQ10

[Effects of lifestyle on plasma levels of the IGF system and the antioxidants coenzyme Q10 and vitamin E in Kenyan rural and urban populations.](#)

Theuri G, Dallner G, Brismar K, Tekle M.
Growth Horm IGF Res. 2013 Jun;23(3):68-75. doi:
10.1016/j.ghir.2013.01.003. Epub 2013 Feb 26.

[No effect of combined coenzyme Q10 and selenium supplementation on atorvastatin-induced myopathy.](#)

Bogsrud MP, Langslet G, Ose L, Arnesen KE, Sm Stuen MC, Malt UF, Woldseth B, Retterstøl K.

Scand Cardiovasc J. 2013 Apr;47(2):80-7. doi:
10.3109/14017431.2012.756119. Epub 2013 Jan 10.

Minerals

[Anemia before pregnancy and risk of preterm birth, low birth weight and small-for-gestational-age birth in Korean women.](#)

Yi SW, Han YJ, Ohrr H.
Eur J Clin Nutr. 2013 Apr;67(4):337-42. doi: 10.1038/ejcn.2013.12. Epub
2013 Feb 13.

[Low dose chromium-polynicotinate or policosanol is effective in hypercholesterolemic children only in combination with glucomannan.](#)

Martino F, Puddu PE, Pannarale G, Colantoni C, Martino E, Niglio T, Zanoni C, Barillà F.

Atherosclerosis. 2013 May;228(1):198-202. doi:

10.1016/j.atherosclerosis.2013.02.005. Epub 2013 Feb 13.

[Could zinc supplementation improve bone status in growth hormone \(GH\) deficient children?](#)

Prodan F, Aimaretti G.

Endocrine. 2013 Jun;43(3):467-8. doi: 10.1007/s12020-013-9888-z. Epub 2013 Jan 30. No abstract available.

[Enhanced effect of zinc and calcium supplementation on bone status in growth hormone-deficient children treated with growth hormone: a pilot randomized controlled trial.](#)

Ekbote V, Khadilkar A, Chiplonkar S, Mughal Z, Khadilkar V.

Endocrine. 2013 Jun;43(3):686-95. doi: 10.1007/s12020-012-9847-0. Epub 2012 Dec 9.

[Preventing childhood anemia in India: iron supplementation and beyond.](#)

Sachdev HP, Gera T.

Eur J Clin Nutr. 2013 May;67(5):475-80. doi: 10.1038/ejcn.2012.212. Epub 2013 Feb 6. Review.

Miscellaneous

[SEANUTS: the nutritional status and dietary intakes of 0.5-12-year-old Thai children.](#)

Rojroongwasinkul N, Kijboonchoo K, Wimonpeerapattana W, Purttiponthanee S, Yamborisut U, Boonpradern A, Kunapan P, Thasanasuwan W, Khouw I.

Br J Nutr. 2013 Sep;110 Suppl 3:S36-44. doi: 10.1017/S0007114513002110.

[Nutritional status and dietary intakes of children aged 6 months to 12 years: findings of the Nutrition Survey of Malaysian Children \(SEANUTS Malaysia\).](#)

Poh BK, Ng BK, Siti Haslinda MD, Nik Shanita S, Wong JE, Budin SB, Ruzita AT, Ng LO, Khouw I, Norimah AK.

Br J Nutr. 2013 Sep;110 Suppl 3:S21-35. doi: 10.1017/S0007114513002092.

[Design of the South East Asian Nutrition Survey \(SEANUTS\): a four-country multistage cluster design study.](#)

Schaafsma A, Deurenberg P, Calame W, van den Heuvel EG, van Beusekom C, Hautvast J, Sandjaja, Bee Koon P, Rojroongwasinkul N, Le Nguyen BK, Parikh P, Khouw I; SEANUTS Study Group.

Br J Nutr. 2013 Sep;110 Suppl 3:S2-10. doi: 10.1017/S0007114513002067.

[Food consumption and nutritional and biochemical status of 0.5-12-year-old Indonesian children: the SEANUTS study.](#)

Sandjaja S, Budiman B, Harahap H, Ernawati F, Soekatri M, Widodo Y, Sumedi E, Rustan E, Sofia G, Syarief SN, Khouw I.

Br J Nutr. 2013 Sep;110 Suppl 3:S11-20. doi: 10.1017/S0007114513002109.

[Micronutrient deficiencies in obese Thai children.](#)

Densupsoontorn N, Jirapinyo P, Kangwanpornsiri C.
Asia Pac J Clin Nutr. 2013;22(3):497-503. doi: 10.6133/apjcn.2013.22.3.06.

[Development of a Standard Reference Material for Metabolomics Research.](#)

Phinney KW, Ballihaut G, Bedner M, Benford B, Camara JE, Christopher SJ, Davis WC, Dodder NG, Eppe GJ, Lang BE, Long SE, Lowenthal MS, McGaw EA, Murphy K, Nelson BC, Prendergast J, Reiner JL, Rimmer CA, Sander LC, Schantz MM, Sharpless KE, Sniegowski LT, Tai SS, Thomas JB, Vetter TW, Welch M, Wise SA, Wood LJ, Guthrie WF, Hagwood CR, Leigh SD, Yen JH, Zhang NF, Chaudhary-Webb M, Chen H, Fazili Z, Lavoie DJ, McCoy LF, Momin SS, Paladugula N, Pendergrast E, Pfeiffer CM, Powers C, Rabinowitz D, Rybak ME, Schleicher R, Toombs BM, Xu M, Zhang M, Castle AL.
Anal Chem. 2013 Nov 4. [Epub ahead of print]

[The role of nutrition and diet in Alzheimer disease: a systematic review.](#)

Shah R.
J Am Med Dir Assoc. 2013 Jun;14(6):398-402. doi:
10.1016/j.jamda.2013.01.014. Epub 2013 Feb 16. Review.

[Nutrition for healthy term infants: recommendations from birth to six months.](#)

Health Canada; Canadian Paediatric Society; Dietitians of Canada;
Breastfeeding Committee for Canada.
Can J Diet Pract Res. 2012 Winter;73(4):204.

PUFAs

[Oral docosahexaenoic acid in the prevention of exudative age-related macular degeneration: the Nutritional AMD Treatment 2 study.](#)

Souied EH, Delcourt C, Querques G, Bassols A, Merle B, Zourdani A, Smith T, Benlian P; Nutritional AMD Treatment 2 Study Group.
Ophthalmology. 2013 Aug;120(8):1619-31. doi:
10.1016/j.optha.2013.01.005. Epub 2013 Feb 8.

[Omega-3 polyunsaturated fatty acid \(PUFA\) status in major depressive disorder with comorbid anxiety disorders.](#)

Liu JJ, Galfalvy HC, Cooper TB, Oquendo MA, Grunebaum MF, Mann JJ, Sublette ME.
J Clin Psychiatry. 2013 Jul;74(7):732-8. doi: 10.4088/JCP.12m07970.

[Human studies using isotope labeled fatty acids: answered and unanswered questions.](#)

Emken E.
J Oleo Sci. 2013;62(5):245-55. Review.

[Low docosahexaenoic acid status is associated with reduced indices in cortical integrity in the anterior cingulate of healthy male children: a 1H MRS Study.](#)

McNamara RK, Jandacek R, Tso P, Weber W, Chu WJ, Strakowski SM, Adler CM, Delbello MP.

Nutr Neurosci. 2013 Jul;16(4):183-90. doi:
10.1179/1476830512Y.0000000045.

[Dietary fat, fatty acids, and risk of prostate cancer in the NIH-AARP diet and health study.](#)

Pelser C, Mondul AM, Hollenbeck AR, Park Y.
Cancer Epidemiol Biomarkers Prev. 2013 Apr;22(4):697-707. doi:
10.1158/1055-9965.EPI-12-1196-T.

[Current evidence and future perspectives of omega-3 polyunsaturated fatty acids for the prevention of cardiovascular disease.](#)

Rizos EC, Elisaf MS.
Eur J Pharmacol. 2013 Apr 15;706(1-3):1-3. doi:
10.1016/j.ejphar.2013.02.050. Epub 2013 Mar 13.

[Omega-3 fatty acids and brain resistance to ageing and stress: body of evidence and possible mechanisms.](#)

Denis I, Potier B, Vancassel S, Heberden C, Laviolle M.
Ageing Res Rev. 2013 Mar;12(2):579-94. doi: 10.1016/j.arr.2013.01.007.
Epub 2013 Feb 6. Review.

[Icosapent ethyl, a pure ethyl ester of eicosapentaenoic acid: effects on circulating markers of inflammation from the MARINE and ANCHOR studies.](#)

Bays HE, Ballantyne CM, Braeckman RA, Stirtan WG, Soni PN.
Am J Cardiovasc Drugs. 2013 Feb;13(1):37-46. doi: 10.1007/s40256-012-0002-3.

[Effect of different types of dietary fatty acids on subclinical inflammation in humans.](#)

Králová Lesná I, Suchánek P, Brabcová E, Kovář J, Malínská H, Poledne R.
Physiol Res. 2013 Apr 16;62(2):145-52. Epub 2012 Dec 13.

[The omega-6 arachidonic fatty acid, but not the omega-3 fatty acids, inhibits osteoblastogenesis and induces adipogenesis of human mesenchymal stem cells: potential implication in osteoporosis.](#)

Casado-Díaz A, Santiago-Mora R, Dorado G, Quesada-Gómez JM.
Osteoporos Int. 2013 May;24(5):1647-61. doi: 10.1007/s00198-012-2138-z.
Epub 2012 Oct 27.

[Omega-3 fatty acids, part I: the effects of n-3 polyunsaturated fatty acid in the treatment of attention-deficit hyperactivity disorder in children.](#)

Ross SM.
Holist Nurs Pract. 2012 Nov-Dec;26(6):356-9. doi:
10.1097/HNP.0b013e3182705e61. No abstract available.

[Polyunsaturated fatty acids and their metabolites in the pathobiology of schizophrenia.](#)

Das UN.

Prog Neuropsychopharmacol Biol Psychiatry. 2013 Apr 5;42:122-34. doi: 10.1016/j.pnpbp.2012.06.010. Epub 2012 Jun 23. Review.

[Supplementation of n-3 polyunsaturated fatty acids to prevent postoperative atrial fibrillation in patients subjected to heart surgery.](#)

Messori A, Fadda V, Maratea D.

J Thorac Cardiovasc Surg. 2013 Oct;146(4):991-2. doi: 10.1016/j.jtcvs.2013.04.046. No abstract available.

[Fatty acid consumption and the risk of osteoporotic fracture.](#)

McLaughlin V, Reeves KW, Bertone-Johnson E.

Nutr Rev. 2013 Sep;71(9):600-10. doi: 10.1111/nure.12043. Epub 2013 Jul 10. Review.

[The dietary n6:n3 fatty acid ratio during pregnancy is inversely associated with child neurodevelopment in the EDEN mother-child cohort.](#)

Bernard JY, De Agostini M, Forhan A, de Lauzon-Guillain B, Charles MA, Heude B; EDEN Mother-Child Cohort Study Group.

J Nutr. 2013 Sep;143(9):1481-8. doi: 10.3945/jn.113.178640. Epub 2013 Jul 31.

[Concurrent physical activity modifies the association between n3 long-chain fatty acids and cardiometabolic risk in midlife adults.](#)

Muldoon MF, Erickson KI, Goodpaster BH, Jakicic JM, Conklin SM, Sekikawa A, Yao JK, Manuck SB.

J Nutr. 2013 Sep;143(9):1414-20. doi: 10.3945/jn.113.174078. Epub 2013 Jul 24.

[Relationship between serum polyunsaturated fatty acids and pregnancy in women undergoing in vitro fertilization.](#)

Jungheim ES, Frolova AI, Jiang H, Riley JK.

J Clin Endocrinol Metab. 2013 Aug;98(8):E1364-8. doi: 10.1210/jc.2012-4115. Epub 2013 Jun 18.

[The relationship between dietary fatty acids and inflammatory genes on the obese phenotype and serum lipids.](#)

Joffe YT, Collins M, Goedecke JH.

Nutrients. 2013 May 21;5(5):1672-705. doi: 10.3390/nu5051672. Review.

[Prevention of postoperative atrial fibrillation in open heart surgery patients by preoperative supplementation of n-3 polyunsaturated fatty acids: an updated meta-analysis.](#)

Costanzo S, di Niro V, Di Castelnuovo A, Gianfagna F, Donati MB, de Gaetano G, Iacoviello L.

J Thorac Cardiovasc Surg. 2013 Oct;146(4):906-11. doi: 10.1016/j.jtcvs.2013.03.015. Epub 2013 Apr 12. Review.

[Plasma phospholipid fatty acids, dietary fatty acids and prostate cancer risk.](#)

Bassett JK, Severi G, Hodge AM, MacInnis RJ, Gibson RA, Hopper

JL, English DR, Giles GG.

Int J Cancer. 2013 Oct 15;133(8):1882-91. doi: 10.1002/ijc.28203. Epub 2013 May 9.

[Oral docosahexaenoic acid in the prevention of exudative age-related macular degeneration: the Nutritional AMD Treatment 2 study.](#)

Souied EH, Delcourt C, Querques G, Bassols A, Merle B, Zourdani A, Smith T, Benlian P; Nutritional AMD Treatment 2 Study Group.

Ophthalmology. 2013 Aug;120(8):1619-31. doi: 10.1016/j.ophtla.2013.01.005. Epub 2013 Feb 8.

[The omega-3 fatty acid eicosapentaenoic acid accelerates disease progression in a model of amyotrophic lateral sclerosis.](#)

Yip PK, Pizzasegola C, Gladman S, Biggio ML, Marino M, Jayasinghe M, Ullah F, Dyllal SC, Malaspina A, Bendotti C, Michael-Titus A.

PLoS One. 2013 Apr 19;8(4):e61626. doi: 10.1371/journal.pone.0061626. Print 2013.

[n-3 PUFA status in school children is associated with beneficial lipid profile, reduced physical activity and increased blood pressure in boys.](#)

Damsgaard CT, Stark KD, Hjorth MF, Biloft-Jensen A, Astrup A, Michaelsen KF, Lauritzen L.

Br J Nutr. 2013 Oct;110(7):1304-12. doi: 10.1017/S0007114513000585. Epub 2013 Apr 16.

[\$\omega\$ -3 fatty acid treatment in cardiac syndrome X: a double-blind, randomized, placebo-controlled clinical study.](#)

Bozcali E, Babalik E, Himmetoglu S, Mihmanli I, Toprak S.

Coron Artery Dis. 2013 Jun;24(4):328-33. doi: 10.1097/MCA.0b013e32835f3005.

[Role of dietary n-3 polyunsaturated fatty acids in type 2 diabetes: a review of epidemiological and clinical studies.](#)

Jafari T, Fallah AA, Azadbakht L.

Maturitas. 2013 Apr;74(4):303-8. doi: 10.1016/j.maturitas.2013.01.008. Epub 2013 Feb 4. Review.

[Omega-3 fatty acids: role in metabolism and cardiovascular disease.](#)

Gerber PA, Gouni-Berthold I, Berneis K.

Curr Pharm Des. 2013;19(17):3074-93. Review.

[Liver-protecting effects of omega-3 fish oil lipid emulsion in liver transplantation.](#)

Zhu XH, Wu YF, Qiu YD, Jiang CP, Ding YT.

World J Gastroenterol. 2012 Nov 14;18(42):6141-7. doi: 10.3748/wjg.v18.i42.6141.

[Omega-3 fatty acids for the treatment of non-alcoholic fatty liver disease.](#)

Di Minno MN, Russolillo A, Lupoli R, Ambrosino P, Di Minno A, Tarantino G.

World J Gastroenterol. 2012 Nov 7;18(41):5839-47. doi:

10.3748/wjg.v18.i41.5839. Review.

[Serum levels of long-chain polyunsaturated fatty acids in patients with periodontal disease.](#)

Figueredo CM, Martinez GL, Koury JC, Fischer RG, Gustafsson A.
J Periodontol. 2013 May;84(5):675-82. doi: 10.1902/jop.2012.120171. Epub 2012 Jul 6.

[Marine n-3 fatty acids in adipose tissue and development of atrial fibrillation: a Danish cohort study.](#)

Rix TA, Joensen AM, Riahi S, Lundbye-Christensen S, Overvad K, Schmidt EB.
Heart. 2013 Oct;99(20):1519-24. doi: 10.1136/heartjnl-2013-304385. Epub 2013 Aug 14.

[Serum n-3 and n-6 polyunsaturated fatty acid profile as an independent predictor of cardiovascular events in hemodialysis patients.](#)

Shoji T, Kakiya R, Hayashi T, Tsujimoto Y, Sonoda M, Shima H, Mori K, Fukumoto S, Tahara H, Shioi A, Tabata T, Emoto M, Nishizawa Y, Inaba M.
Am J Kidney Dis. 2013 Sep;62(3):568-76. doi: 10.1053/j.ajkd.2013.02.362. Epub 2013 Apr 17.

[Trans fatty acids and cardiovascular health: research completed?](#)

Brouwer IA, Wanders AJ, Katan MB.
Eur J Clin Nutr. 2013 May;67(5):541-7. doi: 10.1038/ejcn.2013.43. Epub 2013 Mar 27. Review.

[Indices of fatty acid desaturase activity in healthy human subjects: effects of different types of dietary fat.](#)

Vessby B, Gustafsson IB, Tengblad S, Berglund L.
Br J Nutr. 2013 Sep 14;110(5):871-9. doi: 10.1017/S0007114512005934. Epub 2013 Feb 18.

[Fish oil omega-3 fatty acids and cardio-metabolic health, alone or with statins.](#)

Minihane AM.
Eur J Clin Nutr. 2013 May;67(5):536-40. doi: 10.1038/ejcn.2013.19. Epub 2013 Feb 13. Review.

[Oral green tea catechin metabolites are incorporated into human skin and protect against UV radiation-induced cutaneous inflammation in association with reduced production of pro-inflammatory eicosanoid 12-hydroxyeicosatetraenoic acid.](#)

Rhodes LE, Darby G, Massey KA, Clarke KA, Dew TP, Farrar MD, Bennett S, Watson RE, Williamson G, Nicolaou A.
Br J Nutr. 2013 Sep 14;110(5):891-900. doi: 10.1017/S0007114512006071. Epub 2013 Jan 28.

[The challenge of judging data on the effects of N-3 fatty acids in CHD.](#)

Arnesen H, Seljeflot I.
Scand Cardiovasc J. 2013 Apr;47(2):67-8. doi:

10.3109/14017431.2012.761348. Epub 2013 Jan 17. No abstract available.

[Omega-3 index and prognosis in acute coronary chest pain patients with a low dietary intake of omega-3.](#)

de la Fuente RL, Naesgaard PA, Nilsen ST, Woie L, Aarstrand T, Gundersen T, Nilsen DW.

Scand Cardiovasc J. 2013 Apr;47(2):69-79. doi:

10.3109/14017431.2012.747220. Epub 2012 Dec 12.