

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

Update March 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

[Reduced antioxidant defense and increased oxidative stress in spinal cord injured patients.](#)

Bastani NE, Kostovski E, Sakhi AK, Karlsen A, Carlsen MH, Hjeltnes N, Blomhoff R, Iversen PO.

Arch Phys Med Rehabil. 2012 Dec;93(12):2223-8.e2. doi: 10.1016/j.apmr.2012.06.021. Epub 2012 Jul 5.

[The role of antioxidants in ischaemia-reperfusion in a human DIEP flap model.](#)

van den Heuvel MG, Bast A, Haenen GR, Ambergen AW, Mermans JF, van der Hulst RR.

J Plast Reconstr Aesthet Surg. 2012 Dec;65(12):1706-11. doi: 10.1016/j.bjps.2012.06.010. Epub 2012 Jul 11.

[Oxidative stress and platelet activation in subjects with moderate hyperhomocysteinaemia due to MTHFR 677 C→T polymorphism.](#)

Dragani A, Falco A, Santilli F, Basili S, Rolandi G, Cerasa L, Lattanzio S, Ciabattini G, Patrono C, Davì G.

Thromb Haemost. 2012 Sep;108(3):533-42. doi: 10.1160/TH11-12-0899. Epub 2012 Jul 10.

Vitamin A

[Correlation of vitamin A nutritional status on alpha-tocopherol in the colostrum of lactating women.](#)

de Lira LQ, Lima MS, de Medeiros JM, da Silva IF, Dimenstein R. Matern Child Nutr. 2013 Jan;9(1):31-40. doi: 10.1111/j.1740-8709.2011.00376.x. Epub 2011 Nov 20.

[The growing pancreatic duct ligated pig as a model for exocrine pancreatic insufficiency in children: Investigations to achieve sufficient vitamin A and vitamin E supply.](#)

MöBELer A, Schwarzmaier T, Grunemann J, Gregory PC, Höltershinken M,

Kamphues J.

J Anim Sci. 2012 Dec;90 Suppl 4:321-3. doi: 10.2527/jas.53775.

[A 6-year-old boy with fever, rash and severe pneumonia.](#)

Kongthavonsakul K, Washington CH, Oberdorfer P.

BMJ Case Rep. 2012 May 11;2012. doi:pii: bcr1220115411.

10.1136/bcr.12.2011.5411.

[Zinc combined with vitamin A reduces upper respiratory tract infection morbidity in a randomised trial in preschool children in Indonesia.](#)

Kartasurya MI, Ahmed F, Subagio HW, Rahfiludin MZ, Marks GC.

Br J Nutr. 2012 Dec 28;108(12):2251-60. doi: 10.1017/S0007114512000499.

Epub 2012 Mar 14.

B-Vitamins

[Homocysteine in occlusive vascular disease: a risk marker or risk factor.](#)

Bhargava S, Ali A, Manocha A, Kankra M, Das S, Srivastava LM.

Indian J Biochem Biophys. 2012 Dec;49(6):414-20.

[B vitamins and magnetic resonance imaging-detected ischemic brain lesions in patients with recent transient ischemic attack or stroke: the VITamins TO Prevent Stroke \(VITATOPS\) MRI-substudy.](#)

Cavaliere M, Schmidt R, Chen C, Mok V, de Freitas GR, Song S, Yi Q, Ropele S, Grazer A, Homayoon N, Enzinger C, Loh K, Wong KS, Wong A, Xiong Y, Chang HM, Wong MC, Fazekas F, Eikelboom JW, Hankey GJ; VITATOPS Trial Study Group.

Stroke. 2012 Dec;43(12):3266-70. doi: 10.1161/STROKEAHA.112.665703.

Epub 2012 Oct 23.

[Homocysteine, B vitamins, methylenetetrahydrofolate reductase gene, and risk of primary open-angle glaucoma: a meta-analysis.](#)

Xu F, Zhao X, Zeng SM, Li L, Zhong HB, Li M.

Ophthalmology. 2012 Dec;119(12):2493-9. doi:

10.1016/j.optha.2012.06.025. Epub 2012 Aug 16.

[Folate, vitamin B₁₂ and total homocysteine levels in Arab adolescent subjects: reference ranges and potential determinants.](#)

Akanji AO, Thalib L, Al-Isa AN.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):900-6. doi:

10.1016/j.numecd.2010.10.020. Epub 2010 Dec 30.

[Elevated plasma homocysteine level is not primarily related to Alzheimer's disease.](#)

Nilsson K, Gustafson L, Hultberg B.

Dement Geriatr Cogn Disord. 2012;34(2):121-7.

[Folate, homocysteine, vitamin B12, and polymorphisms of genes participating in one-carbon metabolism in late-onset Alzheimer's disease](#)

[patients and healthy controls.](#)

Coppedè F, Tannorella P, Pezzini I, Migheli F, Ricci G, Caldarazzo lenco E, Piaceri I, Polini A, Nacmias B, Monzani F, Sorbi S, Siciliano G, Migliore L. Antioxid Redox Signal. 2012 Jul 15;17(2):195-204. doi: 10.1089/ars.2011.4368. Epub 2011 Dec 15.

Vitamin B₁₂

[How can cobalamin injections be spaced in long-term therapy for inborn errors of vitamin B\(12\) absorption?](#)

Boina Abdallah A, Ogier de Baulny H, Kozyraki R, Passemard S, Fenneteau O, Lebon S, Rigal O, Mesples B, Yacouben K, Giraudier S, Benoist JF, Schiff M. Mol Genet Metab. 2012 Sep;107(1-2):66-71. doi: 10.1016/j.ymgme.2012.07.007. Epub 2012 Jul 20.

[Serum vitamin B12 levels as indicators of disease severity and mortality of patients with acute-on-chronic liver failure.](#)

Dou J, Xu W, Ye B, Zhang Y, Mao W. Clin Chim Acta. 2012 Nov 20;413(23-24):1809-12. doi: 10.1016/j.cca.2012.07.008. Epub 2012 Jul 16.

[Transcobalamin \(TC\) deficiency and newborn screening.](#)

Prasad C, Cairney AE, Rosenblatt DS, Rupa CA. J Inher Metab Dis. 2012 Jul;35(4):727. doi: 10.1007/s10545-011-9431-4. Epub 2011 Dec 14. No abstract available.

[Vitamin B₁₂ screening in older inpatients without known risk factors: why do clinicians measure it?](#)

Ting CS, Oldroyd JC, Levinson MR. Med J Aust. 2012 Oct 15;197(8):442-3. No abstract available.

[Inherited cobalamin malabsorption. Mutations in three genes reveal functional and ethnic patterns.](#)

Tanner SM, Sturm AC, Baack EC, Liyanarachchi S, de la Chapelle A. Orphanet J Rare Dis. 2012 Aug 28;7:56. doi: 10.1186/1750-1172-7-56.

[Hydroxocobalamin in cyanide poisoning.](#)

Thompson JP, Marrs TC. Clin Toxicol (Phila). 2012 Dec;50(10):875-85. doi: 10.3109/15563650.2012.742197. Epub 2012 Nov 19. Review.

[Update on vitamin B12 deficiency.](#)

Langan RC, Zawistoski KJ. Am Fam Physician. 2011 Jun 15;83(12):1425-30. dummy

[Does an elevated serum vitamin B\(12\) level mask actual vitamin B\(12\) deficiency in myeloproliferative disorders?](#)

Gauchan D, Joshi N, Gill AS, Patel V, Debari VA, Guron G, Maroules M.

Clin Lymphoma Myeloma Leuk. 2012 Aug;12(4):269-73. doi: 10.1016/j.clml.2012.01.008. Epub 2012 Mar 16.

Vitamin B₂

[Update on clinical aspects and treatment of selected vitamin-responsive disorders II \(riboflavin and CoQ 10\).](#)

Horvath R.

J Inherit Metab Dis. 2012 Jul;35(4):679-87. doi: 10.1007/s10545-011-9434-1. Epub 2012 Jan 10. Review.

Vitamin B₆

[A case of extreme prematurity and delayed diagnosis of pyridoxine-dependent epilepsy.](#)

Al-Saman AS, Rizk TM.

Neurosciences (Riyadh). 2012 Oct;17(4):371-3.

[Pyridoxine-dependent epilepsy with elevated urinary \$\alpha\$ -amino adipic semialdehyde in molybdenum cofactor deficiency.](#)

Struys EA, Nota B, Bakkali A, Al Shahwan S, Salomons GS, Tabarki B.

Pediatrics. 2012 Dec;130(6):e1716-9. doi: 10.1542/peds.2012-1094. Epub 2012 Nov 12.

[Vitamin B₆ status and interferon- \$\gamma\$ -mediated immune activation in primary hyperparathyroidism.](#)

Christensen MH, Pedersen EK, Nordbø Y, Varhaug JE, Midttun Ø, Ueland PM, Nygård OK, Mellgren G, Lien EA.

J Intern Med. 2012 Dec;272(6):583-91. doi: 10.1111/j.1365-2796.2012.02570.x. Epub 2012 Aug 5.

Biotin

[Biotin ameliorates muscle cramps of hemodialysis patients: a prospective trial.](#)

Oguma S, Ando I, Hirose T, Totsune K, Sekino H, Sato H, Imai Y, Fujiwara M. Tohoku J Exp Med. 2012;227(3):217-23.

Folic acid

[MTHFR C677T polymorphism and colorectal cancer risk in Asians, a meta-analysis of 21 studies.](#)

Yang Z, Zhang XF, Liu HX, Hao YS, Zhao CL.

Asian Pac J Cancer Prev. 2012;13(4):1203-8.

[Folic acid supplementation, MTHFR and MTRR polymorphisms, and the risk of childhood leukemia: the ESCALE study \(SFCE\).](#)

Amigou A, Rudant J, Orsi L, Goujon-Bellec S, Leverger G, Baruchel A, Bertrand Y, Nelken B, Plat G, Michel G, Haouy S, Chastagner P, Ducassou S, Rialland X, Hémon D, Clavel J.

Cancer Causes Control. 2012 Aug;23(8):1265-77. doi: 10.1007/s10552-012-0004-0. Epub 2012 Jun 16.

[Folate-targeted supramolecular vesicular aggregates as a new frontier for effective anticancer treatment in in vivo model.](#)

Paolino D, Licciardi M, Celia C, Giammona G, Fresta M, Cavallaro G.

Eur J Pharm Biopharm. 2012 Sep;82(1):94-102. doi:

10.1016/j.ejpb.2012.06.001. Epub 2012 Jun 15.

[Update and new concepts in vitamin responsive disorders of folate transport and metabolism.](#)

Watkins D, Rosenblatt DS.

J Inher Metab Dis. 2012 Jul;35(4):665-70. doi: 10.1007/s10545-011-9418-1.

Epub 2011 Nov 23. Review.

[Folate and risk of coronary heart disease: a meta-analysis of prospective studies.](#)

Wang ZM, Zhou B, Nie ZL, Gao W, Wang YS, Zhao H, Zhu J, Yan JJ, Yang ZJ, Wang LS.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):890-9. doi:

10.1016/j.numecd.2011.04.011. Epub 2011 Sep 15.

[Folate and DNA methylation.](#)

Ly A, Hoyt L, Crowell J, Kim YI.

Antioxid Redox Signal. 2012 Jul 15;17(2):302-26. doi:

10.1089/ars.2012.4554. Epub 2012 Mar 23. Review.

[Association between maternal use of folic acid supplements and risk of autism spectrum disorders in children.](#)

Surén P, Roth C, Bresnahan M, Haugen M, Hornig M, Hirtz D, Lie KK, Lipkin WI, Magnus P, Reichborn-Kjennerud T, Schjølberg S, Davey Smith G, Øyen AS, Susser E, Stoltenberg C.

JAMA. 2013 Feb 13;309(6):570-7. doi: 10.1001/jama.2012.155925.

[Efficacy of adding folic acid to foods.](#)

Fajardo V, Varela-Moreiras G.

Int J Vitam Nutr Res. 2012 Jun;82(3):177-86. doi: 10.1024/0300-

9831/a000109.

[Maternal and infant gene-folate interactions and the risk of neural tube defects.](#)

Etheredge AJ, Finnell RH, Carmichael SL, Lammer EJ, Zhu H, Mitchell LE, Shaw GM.

Am J Med Genet A. 2012 Oct;158A(10):2439-46. doi: 10.1002/ajmg.a.35552.

Epub 2012 Aug 17.

Niacin

[Simultaneous quantification of niacin and its three main metabolites in human plasma by LC-MS/MS.](#)

Liu M, Zhang D, Wang X, Zhang L, Han J, Yang M, Xiao X, Zhang Y, Liu H. J Chromatogr B Analyt Technol Biomed Life Sci. 2012 Sep 1;904:107-14. doi: 10.1016/j.jchromb.2012.07.030. Epub 2012 Aug 8.

Vitamin C

[Mechanisms of ascorbic acid stimulation of norepinephrine synthesis in neuronal cells.](#)

May JM, Qu ZC, Meredith ME. Biochem Biophys Res Commun. 2012 Sep 14;426(1):148-52. doi: 10.1016/j.bbrc.2012.08.054. Epub 2012 Aug 19.

[Effect of interaction of vitamin C on macrophage immune response to infection with Mycobacterium bovis.](#)

Wang J, Zhou X, Zhang Z, Xu L, Yin X, Yang L, Zhao D. Cell Mol Biol (Noisy-le-grand). 2012 May 15;58 Suppl:OL1688-94.

[Perioperative supplementation with ascorbic acid does not prevent atrial fibrillation in coronary artery bypass graft patients.](#)

Bjordahl PM, Helmer SD, Gosnell DJ, Wemmer GE, O'Hara WW, Milfeld DJ. Am J Surg. 2012 Dec;204(6):862-7; discussion 867. doi: 10.1016/j.amjsurg.2012.03.012. Epub 2012 Sep 28.

[The protective role of ascorbic acid on imazalil-induced genetic damage assessed by the cytogenetic tests.](#)

Türkez H, Aydın E. Toxicol Ind Health. 2012 Aug;28(7):648-54. doi: 10.1177/0748233711420471. Epub 2011 Oct 10.

[Effect of high-dose intravenous vitamin C on inflammation in cancer patients.](#)

Mikirova N, Casciari J, Rogers A, Taylor P. J Transl Med. 2012 Sep 11;10:189. doi: 10.1186/1479-5876-10-189.

[Efficient depletion of ascorbate by amino acid and protein radicals under oxidative stress.](#)

Domazou AS, Zelenay V, Koppenol WH, Gebicki JM. Free Radic Biol Med. 2012 Oct 15;53(8):1565-73. doi: 10.1016/j.freeradbiomed.2012.08.005. Epub 2012 Aug 11.

Vitamin D

[Premenstrual symptoms in dysmenorrheic college students: prevalence and relation to vitamin D and parathyroid hormone levels.](#)

Obeidat BA, Alchalabi HA, Abdul-Razzak KK, Al-Farras MI.
Int J Environ Res Public Health. 2012 Nov 16;9(11):4210-22. doi:
10.3390/ijerph9114210.

[Vitamin D deficiency in pregnancy - still a public health issue.](#)

McAree T, Jacobs B, Manickavasagar T, Sivalokanathan S, Brennan L, Bassett P, Rainbow S, Blair M.
Matern Child Nutr. 2013 Jan;9(1):23-30. doi: 10.1111/mcn.12014.

[Vitamin D in the ICU: anything new under the sun?](#)

Nair P, Venkatesh B.
Crit Care Resusc. 2012 Dec;14(4):268-73. Review.

[Vitamin D suppression of endoplasmic reticulum stress promotes an antiatherogenic monocyte/macrophage phenotype in type 2 diabetic patients.](#)

Riek AE, Oh J, Sprague JE, Timpson A, de las Fuentes L, Bernal-Mizrachi L, Schechtman KB, Bernal-Mizrachi C.
J Biol Chem. 2012 Nov 9;287(46):38482-94. doi: 10.1074/jbc.M112.386912.
Epub 2012 Sep 24.

[Regulatory role of vitamin D in T-cell reactivity against myelin peptides in relapsing-remitting multiple sclerosis patients.](#)

Grau-López L, Granada ML, Raich-Regué D, Naranjo-Gómez M, Borràs-Serres FE, Martínez-Cáceres E, Ramo-Tello C.
BMC Neurol. 2012 Sep 24;12:103. doi: 10.1186/1471-2377-12-103.

[Association of low serum 25-hydroxyvitamin D levels and acute kidney injury in the critically ill.](#)

Braun AB, Litonjua AA, Moromizato T, Gibbons FK, Giovannucci E, Christopher KB.
Crit Care Med. 2012 Dec;40(12):3170-9. doi:
10.1097/CCM.0b013e318260c928.

[Treatment of vitamin D deficiency within a large integrated health care delivery system.](#)

Stratton-Loeffler MJ, Lo JC, Hui RL, Coates A, Minkoff JR, Budayr A.
J Manag Care Pharm. 2012 Sep;18(7):497-505.

[Skin barrier abnormality caused by filaggrin \(FLG\) mutations is associated with increased serum 25-hydroxyvitamin D concentrations.](#)

Thyssen JP, Thuesen B, Huth C, Standl M, Carson CG, Heinrich J, Krämer U, Kratzsch J, Berg ND, Menné T, Johansen JD, Carlsen BC, Schwab S, Thorand B, Munk M, Wallaschofski H, Heickendorff L, Meldgaard M, Szecsi PB, Stender S, Bønnelykke K, Weidinger S, Bisgaard H, Linneberg A.
J Allergy Clin Immunol. 2012 Nov;130(5):1204-1207.e2. doi:

10.1016/j.jaci.2012.06.046. Epub 2012 Aug 24. No abstract available.

[Prevalence and predictors of vitamin D deficiency in non-supplemented women with systemic lupus erythematosus in the Mediterranean region: a cohort study.](#)

Muñoz-Ortego J, Torrente-Segarra V, Prieto-Alhambra D, Salman-Monte TC, Carbonell-Abello J.
Scand J Rheumatol. 2012;41(6):472-5. doi: 10.3109/03009742.2012.697189.
Epub 2012 Jul 26.

[Vitamin D in early childhood and the effect on immunity to Mycobacterium tuberculosis.](#)

Battersby AJ, Kampmann B, Burl S.
Clin Dev Immunol. 2012;2012:430972. doi: 10.1155/2012/430972. Epub 2012 Jul 5. Review.

[25-Hydroxyvitamin D response to cholecalciferol supplementation in hemodialysis.](#)

Armas LA, Andukuri R, Barger-Lux J, Heaney RP, Lund R.
Clin J Am Soc Nephrol. 2012 Sep;7(9):1428-34. doi: 10.2215/CJN.12761211.
Epub 2012 Jul 12.

[Impact of vitamin D supplementation on markers of bone mineral metabolism in term infants.](#)

Czech-Kowalska J, Pludowski P, Dobrzanska A, Kryskiewicz E, Karczmarewicz E, Gruszfeld D, Pleskaczynska A, Golkowska M.
Bone. 2012 Oct;51(4):781-6. doi: 10.1016/j.bone.2012.06.023. Epub 2012 Jul 6.

[Bone turnover is not influenced by serum 25-hydroxyvitamin D in pubertal healthy black and white children.](#)

Hill KM, Laing EM, Hausman DB, Acton A, Martin BR, McCabe GP, Weaver CM, Lewis RD, Peacock M.
Bone. 2012 Oct;51(4):795-9. doi: 10.1016/j.bone.2012.06.014. Epub 2012 Jun 28.

[Dietary intake of vitamin D during adolescence and risk of adult-onset systemic lupus erythematosus and rheumatoid arthritis.](#)

Hiraki LT, Munger KL, Costenbader KH, Karlson EW.
Arthritis Care Res (Hoboken). 2012 Dec;64(12):1829-36. doi:
10.1002/acr.21776.

[Seasonal variation in expression of markers in the vitamin D pathway in prostate tissue.](#)

Epstein MM, Andr n O, Kasperzyk JL, Shui IM, Penney KL, Fall K, Rider JR, Stampfer MJ, Andersson SO, Giovannucci E, Mucci LA.
Cancer Causes Control. 2012 Aug;23(8):1359-66. doi: 10.1007/s10552-012-0016-9. Epub 2012 Jun 19.

[Vitamin D, PTH, and calcium and the risk of prostate cancer: a prospective nested case-control study.](#)

Brändstedt J, Almquist M, Manjer J, Malm J.
Cancer Causes Control. 2012 Aug;23(8):1377-85. doi: 10.1007/s10552-012-9948-3. Epub 2012 Jun 16.

[Risk factors for vitamin D deficiency in patients with chronic kidney disease.](#)

Echida Y, Mochizuki T, Uchida K, Tsuchiya K, Nitta K.
Intern Med. 2012;51(8):845-50. Epub 2012 Apr 15.

[Vitamin D3 and the risk of CVD in overweight and obese women: a randomised controlled trial.](#)

Salehpour A, Shidfar F, Hosseinpanah F, Vafa M, Razaghi M, Hoshiarrad A, Gohari M.
Br J Nutr. 2012 Nov 28;108(10):1866-73. doi: 10.1017/S0007114512000098. Epub 2012 Feb 9.

[Determinants of plasma 25-hydroxyvitamin D and development of prediction models in three US cohorts.](#)

Bertrand KA, Giovannucci E, Liu Y, Malspeis S, Eliassen AH, Wu K, Holmes MD, Laden F, Feskanich D.
Br J Nutr. 2012 Nov 28;108(10):1889-96. doi: 10.1017/S0007114511007409. Epub 2012 Jan 23.

[Sunlight, vitamin D and the prevention of cancer: a systematic review of epidemiological studies.](#)

van der Rhee H, Coebergh JW, de Vries E.
Eur J Cancer Prev. 2009 Nov;18(6):458-75. doi: 10.1097/CEJ.0b013e32832f9bb1. Review.

[Serum 25-hydroxyvitamin D levels and incident asthma in adults: the HUNT Study.](#)

Mai XM, Langhammer A, Camargo CA Jr, Chen Y.
Am J Epidemiol. 2012 Dec 15;176(12):1169-76. doi: 10.1093/aje/kws235. Epub 2012 Dec 2.

[Predisease conditions and serum vitamin D levels in healthy Mexican American adults.](#)

Gupta AK, Brashear MM, Johnson WD.
Postgrad Med. 2012 Sep;124(5):136-42. doi: 10.3810/pgm.2012.09.2599.

[Effect of vitamin D deficiency and replacement on endothelial functions in Behçet's disease.](#)

Can M, Gunes M, Haliloglu OA, Haklar G, Inanç N, Yavuz DG, Direskeneli H.
Clin Exp Rheumatol. 2012 May-Jun;30(3 Suppl 72):S57-61. Epub 2012 Sep 27.

[Status of 25-hydroxyvitamin D deficiency and effect of vitamin D receptor gene polymorphisms on bone mineral density in thalassemia patients of North India.](#)

Singh K, Kumar R, Shukla A, Phadke SR, Agarwal S.

Hematology. 2012 Sep;17(5):291-6. doi: 10.1179/1607845412Y.0000000017.

[1 \$\alpha\$,25-dihydroxyvitamin D3 and rosiglitazone synergistically enhance osteoblast-mediated mineralization.](#)

Woeckel VJ, Bruedigam C, Koedam M, Chiba H, van der Eerden BC, van Leeuwen JP.

Gene. 2013 Jan 10;512(2):438-43. doi: 10.1016/j.gene.2012.07.051. Epub 2012 Aug 8.

[Maternal early-pregnancy vitamin D status is associated with maternal depressive symptoms in the Amsterdam Born Children and Their Development cohort.](#)

Brandenbarg J, Vrijkotte TG, Goedhart G, van Eijsden M.

Psychosom Med. 2012 Sep;74(7):751-7. doi: 10.1097/PSY.0b013e3182639fdb. Epub 2012 Aug 9.

[The association between vitamin D levels and recurrent group A streptococcal tonsillopharyngitis in adults.](#)

Nseir W, Mograbi J, Abu-Rahmeh Z, Mahamid M, Abu-Elheja O, Shalata A.

Int J Infect Dis. 2012 Oct;16(10):e735-8. doi: 10.1016/j.ijid.2012.05.1036. Epub 2012 Jul 26.

[Effect of vitamin D3 on chemokine expression in pulmonary tuberculosis.](#)

Selvaraj P, Harishankar M, Singh B, Banurekha VV, Jawahar MS.

Cytokine. 2012 Oct;60(1):212-9. doi: 10.1016/j.cyto.2012.06.238. Epub 2012 Jul 15.

[Associations between vitamin D, disease activity, and clinical response to therapy in rheumatoid arthritis.](#)

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

Clin Exp Rheumatol. 2012 Sep-Oct;30(5):658-64. Epub 2012 Oct 17.

[Determinants and effects of vitamin D supplementation on serum 25-hydroxy-vitamin D levels in patients with rheumatoid arthritis.](#)

Varenna M, Manara M, Cantatore FP, Del Puente A, Di Munno O, Malavolta N, Minisola G, Adami S, Sinigaglia L, Rossini M.

Clin Exp Rheumatol. 2012 Sep-Oct;30(5):714-9. Epub 2012 Oct 17.

[Public health implications of standardized 25-hydroxyvitamin D levels: a decrease in the prevalence of vitamin D deficiency among older women in Germany.](#)

Perna L, Haug U, Schöttker B, Müller H, Raum E, Jansen EH, Brenner H.

Prev Med. 2012 Sep;55(3):228-32. doi: 10.1016/j.ypmed.2012.06.010. Epub 2012 Jun 26.

[Vitamin D status, incident diabetes and prospective changes in glucose metabolism in older subjects: the Hoorn study.](#)

Pilz S, van den Hurk K, Nijpels G, Stehouwer CD, Van't Riet E, Kienreich K, Tomaschitz A, Dekker JM.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):883-9. doi:

10.1016/j.numecd.2012.03.008. Epub 2012 Jun 5.

[Low vitamin D levels, prediabetes and prehypertension in healthy African American adults.](#)

Gupta AK, Brashear MM, Johnson WD.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):877-82. doi:

10.1016/j.numecd.2012.01.006. Epub 2012 Apr 9.

[Low serum 25-hydroxyvitamin D levels are associated with left ventricular hypertrophy in essential hypertension.](#)

Fallo F, Catena C, Camozzi V, Luisetto G, Cosma C, Plebani M, Lupia M, Tona F, Sechi LA.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):871-6. doi:

10.1016/j.numecd.2011.06.001. Epub 2011 Sep 19.

[Effect of vitamin D3 supplementation on the pharmacokinetics of digoxin--a pilot study.](#)

Kota BP, Abdul MI, Allen JD, Kalagara M, Roufogalis BD.

Fundam Clin Pharmacol. 2012 Aug;26(4):543-8. doi: 10.1111/j.1472-

8206.2011.00944.x. Epub 2011 Apr 11.

[Serum and dietary vitamin D and cardiovascular disease risk in elderly men: a prospective cohort study.](#)

Messenger W, Nielson CM, Li H, Beer T, Barrett-Connor E, Stone K, Shannon J.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):856-63. doi:

10.1016/j.numecd.2010.10.019. Epub 2011 Apr 3.

[The effect of vitamin D replacement on markers of vascular health in stroke patients - a randomised controlled trial.](#)

Witham MD, Dove FJ, Sugden JA, Doney AS, Struthers AD.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):864-70. doi:

10.1016/j.numecd.2010.11.001. Epub 2010 Dec 30.

[The impact of vitamin D in pregnancy on extraskeletal health in children: a systematic review.](#)

Christesen HT, Elvander C, Lamont RF, Jørgensen JS.

Acta Obstet Gynecol Scand. 2012 Dec;91(12):1368-80. doi:

10.1111/aogs.12006. Review.

[Vitamin D reduces left atrial volume in patients with left ventricular hypertrophy and chronic kidney disease.](#)

Tamez H, Zoccali C, Packham D, Wenger J, Bhan I, Appelbaum E, Pritchett Y, Chang Y, Agarwal R, Wanner C, Lloyd-Jones D, Cannata J, Thompson BT, Andress D, Zhang W, Singh B, Zehnder D, Pachika A, Manning WJ, Shah A, Solomon SD, Thadhani R.

Am Heart J. 2012 Dec;164(6):902-9.e2. doi: 10.1016/j.ahj.2012.09.018.

Epub 2012 Oct 29.

[Calcium and vitamin D supplementation and cognitive impairment in the women's health initiative.](#)

Rossom RC, Espeland MA, Manson JE, Dysken MW, Johnson KC, Lane DS, LeBlanc ES, Lederle FA, Masaki KH, Margolis KL.
J Am Geriatr Soc. 2012 Dec;60(12):2197-205. doi: 10.1111/jgs.12032. Epub 2012 Nov 23.

[Prospective study of serum 25-hydroxyvitamin D concentration and mortality in a Chinese population.](#)

Lin SW, Chen W, Fan JH, Dawsey SM, Taylor PR, Qiao YL, Abnet CC.
Am J Epidemiol. 2012 Dec 1;176(11):1043-50. doi: 10.1093/aje/kws285. Epub 2012 Nov 8.

[Levels of 25-hydroxyvitamin D in familial longevity: the Leiden Longevity Study.](#)

Noordam R, de Craen AJ, Pedram P, Maier AB, Mooijaart SP, van Pelt J, Feskens EJ, Streppel MT, Slagboom PE, Westendorp RG, Beekman M, van Heemst D.
CMAJ. 2012 Dec 11;184(18):E963-8. doi: 10.1503/cmaj.120233. Epub 2012 Nov 5.

[Plasma 25-hydroxyvitamin D\(3\) and bladder cancer risk according to tumor stage and FGFR3 status: a mechanism-based epidemiological study.](#)

Amaral AF, Méndez-Pertuz M, Muñoz A, Silverman DT, Allory Y, Kogevinas M, Lloreta J, Rothman N, Carrato A, Rivas del Fresno M, Real FX, Malats N; Spanish Bladder Cancer/EPICURO Study investigators.
J Natl Cancer Inst. 2012 Dec 19;104(24):1897-904. doi: 10.1093/jnci/djs444. Epub 2012 Oct 29.

[Circulating 25OHD, dietary vitamin D, PTH, and calcium associations with incident cardiovascular disease and mortality: the MIDSPAN Family Study.](#)

Welsh P, Doolin O, McConnachie A, Boulton E, McNeil G, Macdonald H, Hardcastle A, Hart C, Upton M, Watt G, Sattar N.
J Clin Endocrinol Metab. 2012 Dec;97(12):4578-87. doi: 10.1210/jc.2012-2272. Epub 2012 Oct 15.

[Recruitment and results of a pilot trial of vitamin D supplementation in the general population of Australia.](#)

Tran B, Armstrong BK, Carlin JB, Ebeling PR, English DR, Kimlin MG, Rahman B, van der Pols JC, Venn A, GebSKI V, Whiteman DC, Webb PM, Neale RE.
J Clin Endocrinol Metab. 2012 Dec;97(12):4473-80. doi: 10.1210/jc.2012-2682. Epub 2012 Oct 12.

[Effects of 25-hydroxyvitamin D3 therapy on bone turnover markers and PTH levels in postmenopausal osteoporotic women treated with alendronate.](#)

Olmos JM, Hernández JL, Llorca J, Nan D, Valero C, González-Macías J.
J Clin Endocrinol Metab. 2012 Dec;97(12):4491-7. doi: 10.1210/jc.2012-2999. Epub 2012 Oct 5.

[Serum levels of 3-epi-25-OH-D3 during hypervitaminosis D in clinical practice.](#)

Granado-Lorencio F, Blanco-Navarro I, Pérez-Sacristán B, Donoso-Navarro E, Silvestre-Mardomingo R.
J Clin Endocrinol Metab. 2012 Dec;97(12):E2266-70. doi: 10.1210/jc.2012-2627. Epub 2012 Oct 4.

[Circulating vitamin D metabolites and kidney disease in type 1 diabetes.](#)

de Boer IH, Sachs MC, Cleary PA, Hoofnagle AN, Lachin JM, Molitch ME, Steffes MW, Sun W, Zinman B, Brunzell JD; Diabetes Control and Complication Trial/Epidemiology of Diabetes Interventions and Complications Study Research Group.
J Clin Endocrinol Metab. 2012 Dec;97(12):4780-8. doi: 10.1210/jc.2012-2852. Epub 2012 Sep 18.

[The impact of vitamin D on pregnancy: a systematic review.](#)

Christesen HT, Falkenberg T, Lamont RF, Jørgensen JS.
Acta Obstet Gynecol Scand. 2012 Dec;91(12):1357-67. doi: 10.1111/aogs.12000. Epub 2012 Oct 17. Review.

[Effectiveness of the combination of memantine plus vitamin D on cognition in patients with Alzheimer disease: a pre-post pilot study.](#)

Annweiler C, Herrmann FR, Fantino B, Brugg B, Beauchet O.
Cogn Behav Neurol. 2012 Sep;25(3):121-7. doi: 10.1097/WNN.0b013e31826df647.

[High prevalence of vitamin D deficiency in pregnant women: a national cross-sectional survey.](#)

Vandevijvere S, Amsalkhir S, Van Oyen H, Moreno-Reyes R.
PLoS One. 2012;7(8):e43868. doi: 10.1371/journal.pone.0043868. Epub 2012 Aug 24.

[Skeletal muscle strength in young Asian Indian females after vitamin D and calcium supplementation: a double-blind randomized controlled clinical trial.](#)

Goswami R, Vatsa M, Sreenivas V, Singh U, Gupta N, Lakshmy R, Aggarwal S, Ganapathy A, Joshi P, Bhatia H.
J Clin Endocrinol Metab. 2012 Dec;97(12):4709-16. doi: 10.1210/jc.2012-2340. Epub 2012 Aug 17.

[Calcium and vitamin D supplementation during androgen deprivation therapy for prostate cancer: a critical review.](#)

Datta M, Schwartz GG.
Oncologist. 2012;17(9):1171-9. Epub 2012 Jul 25. Review.

[Relevance of vitamin D in reproduction.](#)

Luk J, Torrealday S, Neal Perry G, Pal L.
Hum Reprod. 2012 Oct;27(10):3015-27. doi: 10.1093/humrep/des248. Epub 2012 Jul 23. Review.

[Vitamin D insufficiency and treatment with oral vitamin D3 in children with chronic kidney disease.](#)

Kari JA, Eldesoky SM, Bagdadi OT.
Saudi Med J. 2012 Jul;33(7):740-4.

[Vitamin D intake and status are associated with lower prevalence of metabolic syndrome in U.S. adults: National Health and Nutrition Examination Surveys 2003-2006.](#)

Maki KC, Fulgoni VL 3rd, Keast DR, Rains TM, Park KM, Rubin MR.
Metab Syndr Relat Disord. 2012 Oct;10(5):363-72. Epub 2012 Jul 13.

[Low vitamin D levels are related to left ventricular concentric remodelling in men of different ethnic groups with varying cardiovascular risk.](#)

Rezai MR, Balakrishnan Nair S, Cowan B, Young A, Sattar N, Finn JD, Wu FC, Cruickshank JK.
Int J Cardiol. 2012 Jul 26;158(3):444-7. doi: 10.1016/j.ijcard.2012.04.153. Epub 2012 May 25. No abstract available.

[Marked vitamin D deficiency in patients with diabetes in the UK: ethnic and seasonal differences and an association with dyslipidaemia.](#)

Alam U, Najam O, Al-Himdani S, Benoliel S, Jinadev P, Berry JL, Kew M, Asghar O, Petropoulos IN, Malik RA.
Diabet Med. 2012 Oct;29(10):1343-5. doi: 10.1111/j.1464-5491.2012.03692.x. No abstract available.

[Traditionally living populations in East Africa have a mean serum 25-hydroxyvitamin D concentration of 115 nmol/L.](#)

Luxwolda MF, Kuipers RS, Kema IP, Dijck-Brouwer DA, Muskiet FA.
Br J Nutr. 2012 Nov 14;108(9):1557-61. doi: 10.1017/S0007114511007161. Epub 2012 Jan 23.

[Prevalence of vitamin D deficiency among overweight and obese US children.](#)

Turer CB, Lin H, Flores G.
Pediatrics. 2013 Jan;131(1):e152-61. doi: 10.1542/peds.2012-1711. Epub 2012 Dec 24.

[The relationship between cow's milk and stores of vitamin D and iron in early childhood.](#)

Maguire JL, Lebovic G, Kandasamy S, Khovratovich M, Mamdani M, Birken CS, Parkin PC; TARGeT Kids!; Collaboration.
Pediatrics. 2013 Jan;131(1):e144-51. doi: 10.1542/peds.2012-1793. Epub 2012 Dec 17.

[Interventions for preventing falls in older people in care facilities and hospitals.](#)

Cameron ID, Gillespie LD, Robertson MC, Murray GR, Hill KD, Cumming RG, Kerse N.
Cochrane Database Syst Rev. 2012 Dec 12;12:CD005465. doi:

10.1002/14651858.CD005465.pub3. Review.

[Vitamin D and calcium status in South African adolescents with alcohol use disorders.](#)

Naude CE, Carey PD, Laubscher R, Fein G, Senekal M.
Nutrients. 2012 Aug;4(8):1076-94. Epub 2012 Aug 20.

[The potential role of vitamin D for prevention and treatment of tuberculosis and infectious diseases.](#)

Dini C, Bianchi A.
Ann Ist Super Sanita. 2012;48(3):319-27. Review.

[Ethnic-specific differences in vitamin D status is associated with adiposity.](#)

Sulistyoningrum DC, Green TJ, Lear SA, Devlin AM.
PLoS One. 2012;7(8):e43159. doi: 10.1371/journal.pone.0043159. Epub 2012 Aug 29.

[Modelling and prediction of 25-hydroxyvitamin D levels in Norwegian relapsing-remitting multiple sclerosis patients.](#)

Saltytė Benth J, Myhr KM, Løken-Amsrud KI, Beiske AG, Bjerve KS, Hovdal H, Midgard R, Holmøy T.
Neuroepidemiology. 2012;39(2):84-93. doi: 10.1159/000339360. Epub 2012 Jul 17.

[Joint effects of obesity and vitamin D insufficiency on insulin resistance and type 2 diabetes: results from the NHANES 2001-2006.](#)

Kabadi SM, Lee BK, Liu L.
Diabetes Care. 2012 Oct;35(10):2048-54. Epub 2012 Jun 29.

[Low 25-hydroxyvitamin D predicts the onset of mobility limitation and disability in community-dwelling older adults: the Health ABC Study.](#)

Houston DK, Neiberg RH, Tooze JA, Hausman DB, Johnson MA, Cauley JA, Bauer DC, Shea MK, Schwartz GG, Williamson JD, Harris TB, Kritchevsky SB; Health ABC Study.
J Gerontol A Biol Sci Med Sci. 2013 Feb;68(2):181-7. doi: 10.1093/gerona/gls136. Epub 2012 May 9.

[Association of serum 25-hydroxyvitamin D₃ and D₂ with academic performance in childhood: findings from a prospective birth cohort.](#)

Tolppanen AM, Sayers A, Fraser WD, Lawlor DA.
J Epidemiol Community Health. 2012 Dec;66(12):1137-42. doi: 10.1136/jech-2011-200114. Epub 2012 Apr 9.

[Short communication: Plasma levels of vitamin D in HIV patients initiating antiretroviral therapy do not predict immune restoration disease associated with Mycobacterium tuberculosis.](#)

Price P, Haddow LJ, Affandi J, Agarwal U, Easterbrook PJ, Elliott J, French M, Kumar M, Moosa MY, Oliver B, Singh S, Sola M, Saphonn V, Yun MC.
AIDS Res Hum Retroviruses. 2012 Oct;28(10):1216-9. Epub 2012 Mar 13.

[Bone density in Moroccan women with systemic scleroderma and its relationships with disease-related parameters and vitamin D status.](#)

Ibn Yacoub Y, Amine B, Laatiris A, Wafki F, Znat F, Hajjaj-Hassouni N. *Rheumatol Int.* 2012 Oct;32(10):3143-8. Epub 2011 Sep 27.

Vitamin E

[Vitamin E differentially affects short term exercise induced changes in oxidative stress, lipids, and inflammatory markers.](#)

Garelnabi M, Veledar E, White-Welkley J, Santanam N, Abramson J, Weintraub W, Parthasarathy S.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):907-13. doi: 10.1016/j.numecd.2011.03.002. Epub 2011 Jul 22.

Vitamin K

[Low-dose menaquinone-7 supplementation improved extra-hepatic vitamin K status, but had no effect on thrombin generation in healthy subjects.](#)

Theuwissen E, Cranenburg EC, Knapen MH, Magdeleyns EJ, Teunissen KJ, Schurgers LJ, Smit E, Vermeer C.

Br J Nutr. 2012 Nov 14;108(9):1652-7. doi: 10.1017/S0007114511007185. Epub 2012 Jan 31.

Multivitamins

[Herbal, vitamin, and mineral supplement use in patients enrolled in a cardiac rehabilitation program.](#)

Nieva R, Safavynia SA, Lee Bishop K, Laurence S.

J Cardiopulm Rehabil Prev. 2012 Sep-Oct;32(5):270-7. doi: 10.1097/HCR.0b013e31825f78f0.

[Effect on longitudinal growth and anemia of zinc or multiple micronutrients added to vitamin A: a randomized controlled trial in children aged 6-24 months.](#)

Chhagan MK, Van den Broeck J, Luabeya KK, Mpontshane N, Tomkins A, Bennish ML.

BMC Public Health. 2010 Mar 18;10:145. doi: 10.1186/1471-2458-10-145.

[Serum vitamin status profile and cognitive function in a national sample of older americans.](#)

Naqvi A, Gillum RF, Kwagyan J, Obisesan TO.

J Am Geriatr Soc. 2012 Dec;60(12):2374-5. doi: 10.1111/jgs.12022. No abstract available.

[Vitamin supplementation and blood pressure in Type 2 diabetes.](#)

Jarvandi S, Joseph L, Gougeon R, Dasgupta K.

Diabet Med. 2012 Oct;29(10):1253-9. doi: 10.1111/j.1464-

5491.2012.03627.x.

[Standard-dose vs high-dose multivitamin supplements for HIV.](#)

Padayatty SJ, Levine M.

JAMA. 2013 Feb 13;309(6):545-6. doi: 10.1001/jama.2012.216991. No abstract available.

[Standard-dose vs high-dose multivitamin supplements for HIV--reply.](#)

Isanaka S, Mugusi F, Fawzi WW.

JAMA. 2013 Feb 13;309(6):546. doi: 10.1001/jama.2012.216995. No abstract available.

[Dietary interventions for multiple sclerosis.](#)

Farinotti M, Vacchi L, Simi S, Di Pietrantonj C, Brait L, Filippini G.

Cochrane Database Syst Rev. 2012 Dec 12;12:CD004192. doi: 10.1002/14651858.CD004192.pub3. Review.

Carotenoids

[Retinoids and carotenoids in general medicine.](#)

McLaren DS, Kraemer K.

World Rev Nutr Diet. 2012;103:137-47. Epub 2012 Aug 27. Review. No abstract available.

[Low \$\beta\$ -carotene concentrations increase the risk of cardiovascular disease mortality among Finnish men with risk factors.](#)

Karppi J, Laukkanen JA, Mäkikallio TH, Ronkainen K, Kurl S.

Nutr Metab Cardiovasc Dis. 2012 Oct;22(10):921-8. doi: 10.1016/j.numecd.2012.01.008. Epub 2012 Apr 9.

[Fucoxanthin, a marine carotenoid present in brown seaweeds and diatoms: metabolism and bioactivities relevant to human health.](#)

Peng J, Yuan JP, Wu CF, Wang JH.

Mar Drugs. 2011;9(10):1806-28. doi: 10.3390/md9101806. Epub 2011 Oct 10. Review.

[Circulating carotenoids and risk of breast cancer: pooled analysis of eight prospective studies.](#)

Eliassen AH, Hendrickson SJ, Brinton LA, Buring JE, Campos H, Dai Q, Dorgan JF, Franke AA, Gao YT, Goodman MT, Hallmans G, Helzlsouer KJ, Hoffman-Bolton J, Hultén K, Sesso HD, Sowell AL, Tamimi RM, Toniolo P, Wilkens LR, Winkvist A, Zeleniuch-Jacquotte A, Zheng W, Hankinson SE.

J Natl Cancer Inst. 2012 Dec 19;104(24):1905-16. doi: 10.1093/jnci/djs461. Epub 2012 Dec 6.

[Optical methods for noninvasive determination of carotenoids in human and animal skin.](#)

Darvin ME, Meinke MC, Sterry W, Lademann J.

J Biomed Opt. 2013 Jun 1;18(6):61230. doi: 10.1117/1.JBO.18.6.061230.

Polyphenols

[Plant-derived phenolics inhibit the accrual of structurally characterised protein and lipid oxidative modifications.](#)

Soler-Cantero A, Jové M, Cacabelos D, Boada J, Naudí A, Romero MP, Cassanyé A, Serrano JC, Arola L, Valls J, Bellmunt MJ, Prat J, Pamplona R, Portero-Otin M, Motilva MJ.
PLoS One. 2012;7(8):e43308. doi: 10.1371/journal.pone.0043308. Epub 2012 Aug 29.

Carnitine

[L carnitine in hemodialysis patients.](#)

Calò LA, Vertolli U, Davis PA, Savica V.
Hemodial Int. 2012 Jul;16(3):428-34. doi: 10.1111/j.1542-4758.2012.00679.x. Epub 2012 Feb 24. Review.

[Free carnitine and acylcarnitines in obese patients with polycystic ovary syndrome and effects of pioglitazone treatment.](#)

Vigerust NF, Bohov P, Bjørndal B, Seifert R, Nygård O, Svardal A, Glintborg D, Berge RK, Gaster M.
Fertil Steril. 2012 Dec;98(6):1620-6.e1. doi: 10.1016/j.fertnstert.2012.08.024. Epub 2012 Sep 19.

[L-Carnitine-supplementation in advanced pancreatic cancer \(CARPAN\)--a randomized multicentre trial.](#)

Kraft M, Kraft K, Gärtner S, Mayerle J, Simon P, Weber E, Schütte K, Stieler J, Koula-Jenik H, Holzhauer P, Gröber U, Engel G, Müller C, Feng YS, Aghdassi A, Nitsche C, Malfertheiner P, Patrzyk M, Kohlmann T, Lerch MM.
Nutr J. 2012 Jul 23;11:52. doi: 10.1186/1475-2891-11-52.

Inositol

[One-year effects of myo-inositol supplementation in postmenopausal women with metabolic syndrome.](#)

Santamaria A, Giordano D, Corrado F, Pintaudi B, Interdonato ML, Vieste GD, Benedetto AD, D'Anna R.
Climacteric. 2012 Oct;15(5):490-5. doi: 10.3109/13697137.2011.631063. Epub 2011 Dec 23.

CoQ10

[Coenzyme Q\(10\) supplementation ameliorates inflammatory signaling and oxidative stress associated with strenuous exercise.](#)

Díaz-Castro J, Guisado R, Kajarabille N, García C, Guisado IM, de Teresa C, Ochoa JJ.
Eur J Nutr. 2012 Oct;51(7):791-9. Epub 2011 Oct 12.

Minerals

[Enteral calcium infusion used successfully as treatment for a patient with hereditary vitamin D resistant rickets \(HVDRR\) without alopecia: a novel mutation.](#)

Huang K, Malloy P, Feldman D, Pitukcheewanont P.
Gene. 2013 Jan 10;512(2):554-9. doi: 10.1016/j.gene.2012.09.078. Epub 2012 Sep 28.

[Daily oral iron supplementation during pregnancy.](#)

Peña-Rosas JP, De-Regil LM, Dowswell T, Viteri FE.
Cochrane Database Syst Rev. 2012 Dec 12;12:CD004736. doi: 10.1002/14651858.CD004736.pub4. Review.

Miscellaneous

[Opinion paper food supplements: the European regulation and its application in France. Thoughts on safety of food supplements.](#)

Maixent JM.
Cell Mol Biol (Noisy-le-grand). 2012 Jun 30;58 Suppl:OL1720-9.

[Nutrient intakes and the common mental disorders in women.](#)

Jacka FN, Maes M, Pasco JA, Williams LJ, Berk M.
J Affect Disord. 2012 Dec 1;141(1):79-85. doi: 10.1016/j.jad.2012.02.018. Epub 2012 Mar 6.

[Health benefits of blue-green algae: prevention of cardiovascular disease and nonalcoholic Fatty liver disease.](#)

Ku CS, Yang Y, Park Y, Lee J.
J Med Food. 2013 Feb;16(2):103-11. doi: 10.1089/jmf.2012.2468.

PUFAs

[Cod liver oil intake and incidence of asthma in Norwegian adults--the HUNT study.](#)

Mai XM, Langhammer A, Chen Y, Camargo CA Jr.
Thorax. 2013 Jan;68(1):25-30. doi: 10.1136/thoraxjnl-2012-202061. Epub 2012 Sep 12.

[Dietary fat and semen quality among men attending a fertility clinic.](#)

Attaman JA, Toth TL, Furtado J, Campos H, Hauser R, Chavarro JE.
Hum Reprod. 2012 May;27(5):1466-74. doi: 10.1093/humrep/des065. Epub

2012 Mar 13.

[Mitochondrial dysfunction--a pharmacological target in Alzheimer's disease.](#)

Eckert GP, Renner K, Eckert SH, Eckmann J, Hagl S, Abdel-Kader RM, Kurz C, Leuner K, Muller WE.

Mol Neurobiol. 2012 Aug;46(1):136-50. doi: 10.1007/s12035-012-8271-z.

Epub 2012 May 3. Review.

[Fatty acid composition of serum lipids in patients with type 2 diabetes.](#)

Korani M, Firoozrai M, Maleki J, Ghahramanpour F, Heidari I, Fallah S, Seifi M.

Clin Lab. 2012;58(11-12):1283-91.

[Effects of long-chain polyunsaturated fatty acid supplementation of infant formula on cognition and behaviour at 9 years of age.](#)

de Jong C, Kikkert HK, Fidler V, Hadders-Algra M.

Dev Med Child Neurol. 2012 Dec;54(12):1102-8. doi: 10.1111/j.1469-

8749.2012.04444.x. Epub 2012 Oct 15.

[Status of cis and trans fatty acids in Brazilian adolescent mothers and their newborns.](#)

Santos FS, Chaves CR, Costa RS, Oliveira OR, Santana MG, Conceição FD, Sardinha FL, Veiga GV, Tavares do Carmo MG.

J Pediatr Adolesc Gynecol. 2012 Aug;25(4):270-6. doi:

10.1016/j.jpjg.2012.05.001.

[Omega-3 polyunsaturated fatty acids and the treatment of rheumatoid arthritis: a meta-analysis.](#)

Lee YH, Bae SC, Song GG.

Arch Med Res. 2012 Jul;43(5):356-62. doi: 10.1016/j.arcmed.2012.06.011.

Epub 2012 Jul 24.

[N-3 fatty acid supplementation to routine statin treatment inhibits platelet function, decreases patients' daytime blood pressure, and improves inflammatory status.](#)

Doenyas-Barak K, Berman S, Abu-Hamad R, Golik A, Rahimi-Levene N, Efrati S.

Eur J Clin Pharmacol. 2012 Aug;68(8):1139-46. doi: 10.1007/s00228-012-

1235-4. Epub 2012 Feb 25.

[Trans fatty acids enhance amyloidogenic processing of the Alzheimer amyloid precursor protein \(APP\).](#)

Grimm MO, Rothhaar TL, Grösgen S, Burg VK, Hundsdörfer B, Hauptenthal VJ, Friess P, Kins S, Grimm HS, Hartmann T.

J Nutr Biochem. 2012 Oct;23(10):1214-23. doi:

10.1016/j.jnutbio.2011.06.015. Epub 2011 Dec 29.

[Effects of serum n-3 to n-6 polyunsaturated fatty acids ratios on coronary atherosclerosis in statin-treated patients with coronary artery disease.](#)

Nozue T, Yamamoto S, Tohyama S, Fukui K, Umezawa S, Onishi Y, Kunishima T, Sato A, Nozato T, Miyake S, Takeyama Y, Morino Y, Yamauchi T, Muramatsu T, Hibi K, Terashima M, Michishita I.
Am J Cardiol. 2013 Jan 1;111(1):6-11. doi: 10.1016/j.amjcard.2012.08.038.
Epub 2012 Oct 2.

[Update on lipid and protein intakes in the critical newborn.](#)

Francescato G, Mosca F, Agosti M.
J Matern Fetal Neonatal Med. 2012 Oct;25 Suppl 4:60-2. doi:
10.3109/14767058.2012.715037. Review.

[n-3 Fatty acids and prostate cancer risk.](#)

Brasky TM, Crowe FL, Kristal AR.
Br J Nutr. 2012 Nov 14;108(9):1721. doi: 10.1017/S0007114512003431. Epub
2012 Aug 20. No abstract available.

[Dietary intake of n-3 fatty acids and colorectal cancer risk: a meta-analysis of data from 489 000 individuals.](#)

Shen XJ, Zhou JD, Dong JY, Ding WQ, Wu JC.
Br J Nutr. 2012 Nov 14;108(9):1550-6. doi: 10.1017/S0007114512003546.
Epub 2012 Aug 20. Review.

[Cognitive enhancement by omega-3 fatty acids from child-hood to old age: findings from animal and clinical studies.](#)

Luchtman DW, Song C.
Neuropharmacology. 2013 Jan;64:550-65. doi:
10.1016/j.neuropharm.2012.07.019. Epub 2012 Jul 27. Review.

[Non-synaptic mechanisms that could be responsible for potential antiepileptic effects of omega-3 fatty acids.](#)

De Almeida AC, dos Santos HL, Rodrigues AM, Cysneiros RM, Cavalheiro EA, Arida RM, Scorza FA.
Epilepsy Behav. 2012 Sep;25(1):138-40. doi: 10.1016/j.yebeh.2012.06.008.
Epub 2012 Jul 24. No abstract available.

[Omega-3 fatty acids in anti-inflammation \(pro-resolution\) and GPCRs.](#)

Im DS.
Prog Lipid Res. 2012 Jul;51(3):232-7. doi: 10.1016/j.plipres.2012.02.003.
Epub 2012 Apr 20. Review.

[Dietary fatty acid intake, its food sources and determinants in European adolescents: the HELENA \(Healthy Lifestyle in Europe by Nutrition in Adolescence\) Study.](#)

Vyncke KE, Libuda L, De Vriendt T, Moreno LA, Van Winckel M, Manios Y, Gottrand F, Molnar D, Vanaelst B, Sjöström M, González-Gross M, Censi L, Widhalm K, Michels N, Gilbert CC, Xatzis C, Cuenca García M, de Heredia FP, De Henauw S, Huybrechts I; HELENA consortium.
Br J Nutr. 2012 Dec 28;108(12):2261-73. doi: 10.1017/S000711451200030X.
Epub 2012 Feb 28.

[Role of dietary fatty acids in mammary gland development and breast cancer.](#)

MacLennan M, Ma DW.

Breast Cancer Res. 2010;12(5):211. doi: 10.1186/bcr2646. Epub 2010 Oct 26. Review.

[Meta-analysis of LCPUFA supplementation of infant formula and visual acuity.](#)

Qawasmi A, Landeros-Weisenberger A, Bloch MH.

Pediatrics. 2013 Jan;131(1):e262-72. doi: 10.1542/peds.2012-0517. Epub 2012 Dec 17.

[Polyunsaturated fatty acids \(PUFAs\) for children with specific learning disorders.](#)

Tan ML, Ho JJ, Teh KH.

Cochrane Database Syst Rev. 2012 Dec 12;12:CD009398. doi: 10.1002/14651858.CD009398.pub2. Review.

[Effect of \$\omega\$ -3 fatty acid supplementation on endothelial function, endogenous fibrinolysis and platelet activation in male cigarette smokers.](#)

Din JN, Archer RM, Harding SA, Sarma J, Lyall K, Flapan AD, Newby DE. Heart. 2013 Feb;99(3):168-74. doi: 10.1136/heartjnl-2012-302924. Epub 2012 Nov 26.

[Association between polymorphisms in the fatty acid desaturase gene cluster and the plasma triacylglycerol response to an n-3 PUFA supplementation.](#)

Cormier H, Rudkowska I, Paradis AM, Thifault E, Garneau V, Lemieux S, Couture P, Vohl MC.

Nutrients. 2012 Aug;4(8):1026-41. Epub 2012 Aug 17.

[Fish oil supplementation alters the plasma lipidomic profile and increases long-chain PUFAs of phospholipids and triglycerides in healthy subjects.](#)

Ottestad I, Hassani S, Borge GI, Kohler A, Vogt G, Hyötyläinen T, Orešič M, Brønner KW, Holven KB, Ulven SM, Myhrstad MC.

PLoS One. 2012;7(8):e42550. doi: 10.1371/journal.pone.0042550. Epub 2012 Aug 28.

[Docosahexaenoic and arachidonic acid levels in extremely low birth weight infants with prolonged exposure to intravenous lipids.](#)

Robinson DT, Carlson SE, Murthy K, Frost B, Li S, Caplan M.

J Pediatr. 2013 Jan;162(1):56-61. doi: 10.1016/j.jpeds.2012.06.045. Epub 2012 Aug 9.

[A randomized trial of DHA intake during infancy: school readiness and receptive vocabulary at 2-3.5 years of age.](#)

Drover JR, Felius J, Hoffman DR, Castañeda YS, Garfield S, Wheaton DH, Birch EE.

Early Hum Dev. 2012 Nov;88(11):885-91. doi: 10.1016/j.earlhumdev.2012.07.007. Epub 2012 Jul 25.