

# Avitaminosis

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Avitaminosis is any disease caused by chronic or long-term vitamin deficiency or caused by a defect in metabolic conversion, such as tryptophan to niacin. They are designated by the same letter as the vitamin. Avitaminoses include\*vitamin A deficiency causes xerophthalmia or night blindness\*thiamine deficiency causes beriberi\*niacin deficiency causes pellagra\*vitamin B12 deficiency leads to megaloblastic anemia\*vitamin C deficiency leads to scurvy\*vitamin D deficiency causes rickets\*vitamin K deficiency causes bleeding Conversely hypervitaminosis is the syndrome of symptoms caused by over-retention of fat-soluble vitamins in the body. ([From the Wikipedia article Avitaminosis.](#))



## Recent Publications on Avitaminosis:

- [Serum folate concentration, cognitive impairment, and DNA damage among elderly individuals in Malaysia.](#)  
*The notion that dietary factors affect cognitive function and subsequently...*29th October, 2009  
Department of Nutrition and Dietetics, Universiti Kebangsaan Malaysia,- Nutr Res. 2009 May;29(5):327-34. ([DOI Direct Link](#))
- [\[Revision after failed bariatric surgery--review of complications and current therapeutic options\]](#)  
*BACKGROUND: Obesity is increasing worldwide at an alarming rate...*21st October, 2009  
Klinik fur Chirurgie, Universitätsklinikum, Magdeburg, Deutschland.- Zentralbl Chir. 2009 Jun;134(3):214-24; discussion 225. Epub 2009 Jun 17. ([DOI Direct Link](#))
- [Health Canada's proposed discretionary fortification policy is misaligned with the nutritional needs of Canadians.](#)  
*Health Canada has proposed new fortification policies that will allow...*7th October, 2009  
Department of Nutritional Sciences, Faculty of Medicine, University of- J Nutr. 2009 Oct;139(10):1980-6. Epub 2009 Aug 19. ([DOI Direct Link](#))
- [Tuberculosis and host metabolism: ancient associations, fresh insights.](#)  
*Epidemiologic studies have repeatedly identified malnutrition as a risk...*2nd October, 2009  
Department of Microbiology & Immunology, New York, USA.- Transl Res. 2009 Jul;154(1):7-14. Epub 2009 May 19. ([DOI Direct Link](#))
- [Micronutrient supplementation in adult nutrition therapy: practical considerations.](#)  
*Preexisting micronutrient (vitamins and trace elements) deficiencies are...*2nd October, 2009  
Division of Surgical Critical Care, Department of Surgery, John H. Stroger- JPEN J Parenter Enteral Nutr. 2009 Sep-Oct;33(5):548-62. Epub 2009 May 19. ([DOI Direct Link](#))
- [Normalizing ideological food choice and eating practices. Identity work in online discussions on veganism.](#)  
*In this paper we use discursive psychology to explore the relation between...*30th September, 2009  
Department of Language and Communication, VU University Amsterdam, De- Appetite. 2009

- Jun;52(3):621-30. Epub 2009 Mar 5. ([DOI Direct Link](#))
- [Stroke: roles of B vitamins, homocysteine and antioxidants.](#)  
*In the present review concerning stroke, we evaluate the roles of B...*28th August, 2009  
Department of Plant Foods Science and Technology, Instituto del Frio,- Nutr Res Rev. 2009 Jun;22(1):49-67. ([DOI Direct Link](#))
  - [Achievements, challenges, and promising new approaches in vitamin and mineral deficiency control.](#)  
*Micronutrient deficiencies (MNDs) contribute significantly to the world's...*19th August, 2009  
HarvestPlus, International Food Policy Research Institute (IFPRI-CIAT),- Nutr Rev. 2009 May;67 Suppl 1:S24-30. ([DOI Direct Link](#))
  - [Nutritional status among postmenopausal osteoporotic women in North West of Iran.](#)  
*BACKGROUND: Osteoporosis is a multifactorial disease and one of the most...*11th July, 2009  
Department of nutrition, school of Health and Nutrition, Tabriz University- Asia Pac J Clin Nutr. 2009;18(1):48-53.
  - [Micronutrient status in anemic and non-anemic Chinese women in the third trimester of pregnancy.](#)  
*BACKGROUND: Anemia is a major nutrition related problem in China. In...*11th July, 2009  
Institute of Human Nutrition, Medical College of Qingdao University,- Asia Pac J Clin Nutr. 2009;18(1):41-7.
  - [Infantile encephalopathy due to vitamin deficiency in industrial countries.](#)  
*INTRODUCTION: Severe avitaminosis causing life-threatening conditions in...*9th July, 2009  
Pediatric Intensive Care Unit, Assaf Harofeh Medical Center, Zerifin,- Childs Nerv Syst. 2009 Nov;25(11):1477-80. Epub 2009 Jul 8. ([DOI Direct Link](#))
  - [25-hydroxyvitamin D is not associated with carotid intima-media thickness in older men and women.](#)  
*BACKGROUND: Anemia is a major nutrition related problem in China. In...*3rd July, 2009  
- Calcif Tissue Int. 2009 May;84(5):423-4. Epub 2009 Mar 24. ([DOI Direct Link](#))
  - [Prevalence of vitamin deficiencies on admission: relationship to hospital mortality in critically ill patients.](#)  
*Vitamin deficiency is believed to be common in critical illness. Water...*13th May, 2009  
Department of Intensive Care Medicine, Royal Perth Hospital, Perth,- Anaesth Intensive Care. 2009 Mar;37(2):254-60.
  - [\[Desire and reality. Vitamin deficiency between avoidance and prevention\]](#)  
*BACKGROUND: Anemia is a major nutrition related problem in China. In...*2nd May, 2009  
Leibniz Universitat Hannover, Institut fur Lebensmittelwissenschaft und- Pharm Unserer Zeit. 2009;38(2):168-78. ([DOI Direct Link](#))
  - [\[Current and permanent, easily readable work. Vitamins--a question and answer game between a young student and an old professor\]](#)  
*BACKGROUND: Anemia is a major nutrition related problem in China. In...*2nd May, 2009  
- Pharm Unserer Zeit. 2009;38(2):118-24. ([DOI Direct Link](#))

#### Avitaminosis Clinical Trials:



- [Interaction of Cobalamin Status With Nitrous Oxide in Relation to Postoperative Cognitive Changes in the Elderly](#)





## Avitaminosis Patents:

- 7419951- [Method of reducing adipocyte growth in a subject in need thereof by administration of natriuretic peptide receptor C inhibitors](#)
- 5770223- [Method of treatment for combatting the effects of aging on the condition of skin and hair](#)
- 5723149- [Use of medicago saponins for the preparation of cosmetic or pharmaceutical compositions, especially dermatological compositions, promoting renewal of the epidermis, stimulating hair regrowth or delaying hair loss](#)
- 5420145- [Carboxylic acid derivative](#)
- 5371107- [Use of ascorbic acid in the genital area and corresponding medicinal preparations](#)
- 4883658- [Ophthalmic solution for treatment of dry-eye syndrome](#)
- 4879106- [Methods for treating gingivitis and paradental pyorrhea](#)
- 4744980- [Ophthalmic solution for treatment of dry eye syndrome](#)
- 4649040- [Therapy for retinoid pathogenesis](#)
- 4569837- [Pharmaceutical preparation for remedy of periodontal disease and process for production thereof](#)
- 4199577- [Novel 1.alpha.-hydroxy-24-oxovitamin D.sub.3, its preparing process and the novel precursors thereof](#)
- 4071629- [Novel pharmaceutical compositions and method for treating psychasthenia](#)
- 5863925- [Use of sulbutiamine in the treatment of Parkinson's disease, schizophrenia, alcoholism, and dysthymia](#)
- 5942487- [Composition for treating cornea](#)
- 7381747- [Alpha 2 delta ligands for post-traumatic stress disorder](#)
- 7339065- [Design and synthesis of optimized ligands for PPAR](#)
- 7232828- [PPAR Ligands that do not cause fluid retention, edema or congestive heart failure](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7164034- [Alpha2delta ligands for fibromyalgia and other disorders](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6664287- [Antioxidants](#)
- 6506550- [Method of including apoptosis by reducing the level of thiamin](#)
- 6471969- [Two-phase preparation](#)
- 6369098- [Dithiolane derivatives](#)
- 6090414- [Method and composition to reduce cancer incidence](#)
- 4034083- [Compositions for inhibiting absorption of cholesterol](#)

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