Vitamin D
Literature review
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1. CLINICAL

The quantity of papers on the clinical outcomes of Vitamin D deficiency or supplementation is enormous. Hereafter are presented some of the most pertinent recent papers. Many references can also be found on http://www.vitamindcouncil.org/.

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  High prevalence of vitamin D inadequacy and implications for health.

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  Vitamin D Deficiency.

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  Vitamin D and Cardiometabolic Outcomes: A Systematic Review.

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  Vitamin D status and ill health: a systematic review.
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  Vitamin D deficiency and depression in adults: systematic review and meta-analysis.

- BOLLAND M.J. (2014)
  The effect of vitamin D supplementation on skeletal, vascular, or cancer outcomes: a trial sequential meta-analysis.
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Vitamin D and multiple health outcomes: umbrella review of systematic reviews and meta-analyses of observational studies and randomised trials.
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- HEIJBOER A.C. (2012)


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  First trimester vitamin D, vitamin D binding protein, and subsequent preeclampsia. Hypertension, 56(4):758-63.

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  Vitamin D binding protein and monocyte response to 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D: analysis by mathematical modeling.

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  Availability of 25-Hydroxyvitamin D3 to APCs Controls the Balance between Regulatory and Inflammatory T Cell Responses.

- WEINSTEIN S.J. (2012)
  Impact of circulating vitamin D binding protein levels on the association between 25-hydroxyvitamin D and pancreatic cancer risk: a nested case-control study.

  Vitamin D in acute stress and critical illness.

- MONDUL A.M. (2012)
  Influence of vitamin D binding protein on the association between circulating vitamin D and risk of bladder cancer.

- HEWISON M. (2013)
  Measurement of 25-hydroxyvitamin D in the clinical laboratory: Current procedures, performance characteristics and limitations.

- WANG X. (2013)
  Vitamin D-binding protein levels in female patients with primary hyperparathyroidism.

  Increased plasma concentrations of vitamin D metabolites and vitamin D binding protein in women using hormonal contraceptives: a cross-sectional study.
  Nutrients, 5(9):3470-80.

- BERG I. (2013)
  Vitamin D, vitamin D binding protein, lung function and structure in COPD.
• GLENDENNING P. (2013)
Calculated free and bioavailable vitamin D metabolite concentrations in vitamin D-deficient hip fracture patients after supplementation with cholecalciferol and ergocalciferol.

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Variability in free 25(OH) vitamin D levels in clinical populations.

• DENBURG M.R. (2013)
Vitamin D bioavailability and catabolism in pediatric chronic kidney disease.

• THADHANI R. (2013)
Vitamin D–Binding Protein and Vitamin D Status of Black Americans and White Americans.

• BIKLE D. (2013)
Vitamin D3 effects on lipids differ in statin and non-statin-treated humans: superiority of free 25-OH D levels in detecting relationships.

• YANG M. (2013)
Vitamin D-binding protein in cerebrospinal fluid is associated with multiple sclerosis progression.

• JORDE R. (2014)
Serum free and bio-available 25-hydroxyvitamin D correlate better with bone density than serum total 25-hydroxyvitamin D.

• KARLSSON T. (2014)
Increased vitamin D-binding protein and decreased free 25(OH)D in obese women of reproductive age.

• SCHWARTZ J.B. (2014)
A comparison of direct and calculated free 25(OH) Vitamin D levels in clinical populations.

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Vitamin D-binding protein haplotype is associated with hospitalization for RSV bronchiolitis.

- **YOUSEFZADEH P. (2014)**
  Vitamin D Binding Protein Impact on 25-Hydroxyvitamin D Levels under Different Physiologic and Pathologic Conditions.

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  Assessing Vitamin D Status: Time for a Rethink?

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  Vitamin D status in critically ill patients: the evidence is now bioavailable!
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  Risk Factors for Vitamin D Deficiency among HIV Infected and Uninfected Injection Drug Users.

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  Associations between Vascular Health Indices and Serum Total, Free and Bioavailable 25-Hydroxyvitamin D in Adolescents.
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Author:
Nicolas Heureux, PhD
Nicolas.Heureux@diasource.be
Principal Scientist – Vitamin D, DIAsource Immunoassays
DIAsource ImmunoAssays S.A.
Rue du Bosquet, 2 | B-1348 Louvain-La-Neuve | Tel : +32.10.84.99.11 | Fax : +32.10.84.99.90
www.diasource.be
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Author:
Nicolas Heureux, PhD
Nicolas.Heureux@diasource.be
Principal Scientist – Vitamin D, DIAsource Immunoassays
DIAsource ImmunoAssays S.A.
Rue du Bosquet, 2 | B-1348 Louvain-La-Neuve | Tel : +32.10.84.99.11 | Fax : +32.10.84.99.90
www.diasource.be

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Author:
Nicolas Heureux, PhD
Nicolas.Heureux@diasource.be
Principal Scientist – Vitamin D, DIAsource Immunoassays
DIAsource ImmunoAssays S.A.
Rue du Bosquet, 2 | B-1348 Louvain-La-Neuve | Tel : +32.10.84.99.11 | Fax : +32.10.84.99.90
www.diasource.be
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**Headquarter**  
DIAsource ImmunoAssays S.A.  
Rue du Bosquet, 2  
1348 Louvain-La-Neuve  
Belgium  
Tel: +32 10849911  
Fax: +32 10849990  

**Customer Service**  
Tel: +32 10849900  
Fax: +32 10849996  
Belgium Free Phone: 0800 159 59  
France Free Phone: 0800 908 443  
France Free Fax: 0800 902 588  
[Customer.Service@diasource.be](mailto:Customer.Service@diasource.be)