Vitamin D supplementation does not affect serum lipids and lipoproteins in Pakistani immigrants - DTU Orbit (11/01/2019)

Vitamin D supplementation does not affect serum lipids and lipoproteins in Pakistani immigrants

Potential long-term negative effects of increased vitamin D consumption are not thoroughly examined. The aim of this study was to investigate possible negative effects of vitamin D supplementation on serum lipids and lipoproteins. A 1-year long randomised double-blinded placebo-controlled intervention study with two doses of vitamin D3 (10 and 20 g/day) was carried out among 89 women (18–53 years of age) and 84 men (18–64 years of age) of Pakistani origin living in Denmark with low vitamin D status. This study did not find changes in total cholesterol, LDL-cholesterol, HDL-cholesterol, LDL-cholesterol/HDL-cholesterol ratio, VLDL-cholesterol and triacylglycerol after daily supplementation with 10 or 20 g vitamin D for 1 year. In conclusion, increasing the vitamin D intake by 10–20 g per day for 1 year is safe for Pakistani immigrants with regards to serum lipids and lipoproteins.

General information
State: Published
Organisations: Division of Nutrition, National Food Institute
Contributors: Andersen, R., Brot, C., Mejborn, H., Mølgaard, C., Skovgaard, L. T., Trolle, E., Ovesen, L.
Pages: 1150-1153
Publication date: 2009
Peer-reviewed: Yes

Publication information
Journal: European Journal of Clinical Nutrition
Volume: 63
Issue number: 9
ISSN (Print): 0954-3007
Ratings:
Web of Science (2019): Indexed yes
BFI (2018): BFI-level 1
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 1
Scopus rating (2017): CiteScore 2.66 SJR 1.249 SNIP 1.062
Web of Science (2017): Impact factor 2.954
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 1
Scopus rating (2016): CiteScore 2.8 SJR 1.444 SNIP 1.189
Web of Science (2016): Impact factor 3.057
Web of Science (2016): Indexed yes
BFI (2015): BFI-level 1
Scopus rating (2015): CiteScore 2.86 SJR 1.5 SNIP 1.228
Web of Science (2015): Impact factor 2.935
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 1
Scopus rating (2014): CiteScore 2.78 SJR 1.561 SNIP 1.174
Web of Science (2014): Impact factor 2.709
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 1
Scopus rating (2013): CiteScore 3.15 SJR 1.44 SNIP 1.324
Web of Science (2013): Impact factor 2.95
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 1
Scopus rating (2012): CiteScore 3 SJR 1.459 SNIP 1.215
Web of Science (2012): Impact factor 2.756
ISI indexed (2012): ISI indexed yes
Web of Science (2012): Indexed yes
BFI (2011): BFI-level 1
Scopus rating (2011): CiteScore 2.66 SJR 1.308 SNIP 1.14