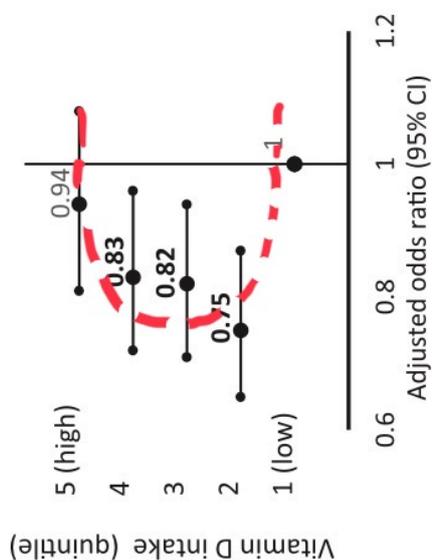


ALLERGY, VITAMINS

# SECOND LOOK: AGAIN U-SHAPED VITAMIN D EFFECTS

27.08.2023

It is [again an U](#), no doubt.



<https://www.doi.org/10.1159/000531970>

we have now at least 36 studies...

Shimizu, M	Maternal Dietary Vitamin D Intake during F	Int Arch Allergy Immunol
Tian, H	Relaxing parametric assumptions for non-i	bioRxiv
Lugg, ST	Vitamin D status: a U-shaped relationship	BMJ Open Respir Res
Zhou, A	Vitamin D deficiency and C-reactive protei	Int J Epidemiol
Anagnostis, P	Vitamin D supplementation and fracture ris	Maturitas
Cantorna, MT	Vitamin D Regulates the Microbiota to Cor	Front Immunol
Wei, J	Inverted U-Shaped Relationship between V	Allergy
Li, W	Vitamin D supplementation during pregnar	J Asthma
Grant, WB	Do studies reporting 'U'-shaped serum 25-	Dermatoendocrinol
	Inverted U-Shaped Relationship between V	
Razzaque, MS	Can adverse effects of excessive vitamin I	J Steroid Biochem Mol Biol
Macpherson, AJ	How nutrition and the maternal microbiota	Nat Rev Immunol
González-Fernández, D	C-reactive protein is differentially modulate	Infect Dis Poverty
Durazo-Arvizu, RA	The Reverse J-Shaped Association Betwe	Am J Epidemiol
Song, H	Maternal vitamin D status during pregnanc	Mol Nutr Food Res
Bunyavanich, S	Early-life gut microbiome composition and	J Allergy Clin Immunol
Roggenbuck, M	Vitamin D and allergic airway disease shaj	Respir Res
Savilahti, EM	Serum 25-Hydroxyvitamin D in Early Child	Int Arch Allergy Immunol
	Vitamin D and Preschool Children - predic	
Durup, D	A reverse J-shaped association between s	J Clin Endocrinol Metab
Allan, KM	Maternal vitamin D and E intakes during pi	Eur Respir J
Masllova, E	Predicted vitamin D status in mid-pregnan	Pediatr Allergy Immunol
van Dijk, SC	Non-linear associations between serum 25	Age Ageing
Niruban, SJ	Association of vitamin D with respiratory oi	Eur J Clin Nutr
Chen, N	Effect of vitamin d supplementation on the	Nutrients
Mellenthin, L	Association between serum vitamin D con	Metabolism
Bleicher, K	U-Shaped Association Between Serum 25	J Bone Miner Res
Thayer, ZM	The Vitamin D Hypothesis Revisited: Race	Am J Epidemiol
Hsu, JJ	Vitamin D and osteogenic differentiation in	Clin J Am Soc Nephrol
Amrein, K	Evidence for a U-shaped relationship betw	J Clin Endocrinol Metab
Sempos, CT	Is there a reverse J-shaped association be	J Clin Endocrinol Metab
Schöttker, B	Strong associations of 25-hydroxyvitamin I	Am J Clin Nutr
Christesen, HT	The impact of vitamin D in pregnancy on e	Acta Obstet Gynecol Scand
McGrath, JJ	A systematic review of the association bet	The Journal of Steroid Biochemistr
Mainz, J	Substantially Reduced Calcaneal Bone Ull	Respiration; international review of
Matheu, V	Impact on allergic immune response after	Nutrition & metabolism

### 36 vitamin D: U-shaped associations