

## Rufus Greenbaum

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**From:** Rufus Greenbaum <rufus@greenbaum.com>  
**Sent:** 05 June 2020 20:05  
**To:** Professor Peter Horby (peter.horby@ndm.ox.ac.uk); NERVTAG (nervtag@phe.gov.uk)  
**Subject:** Recent publications on Vitamin D and COVID-19

Below are some recent publications on Vitamin D and COVID-19

Regards

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Greetings,

Here is a list of some of the preprints and publications on vitamin D and COVID-19

Grant WB, Lahore H, McDonnell SL, Baggerly CA, French CB, Aliano JA, Bhattoa HP. Evidence that vitamin D supplementation could reduce risk of influenza and COVID-19 infections and deaths. *Nutrients* 2020, 12, 988. <https://www.mdpi.com/2072-6643/12/4/988>

Grant WB, Baggerly CA, Lahore H. Response to Comments Regarding “Evidence that Vitamin D Supplementation Could Reduce Risk of Influenza and COVID-19 Infections and Deaths”. *Nutrients* 2020, 12(6), 1620; <https://doi.org/10.3390/nu12061620>

Grant WB, Boucher BJ. Vitamin D deficiency due to skin pigmentation and diet may explain much of the higher rates of COVID-19 among BAME in England. *BMJ comments* June 6. <https://www.bmj.com/content/369/bmj.m1548/rr-22>

Alipio, M.M. Vitamin D Supplementation Could Possibly Improve Clinical Outcomes of Patients Infected with Coronavirus-2019 (COVID-2019); April 9, 2020. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3571484](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3571484)

D'Avolio A, Avataneo V, Manca A, Cusato J, De Nicolò A, Lucchini R, Keller F, Cantù M. [25-Hydroxyvitamin D Concentrations Are Lower in Patients with Positive PCR for SARS-CoV-2](https://doi.org/10.3390/nu12051359). *Nutrients*. 2020 May 9;12(5):E1359. doi: 10.3390/nu12051359.

De Smet D, De Smet K, Herroelen P, Gryspeerdt S, Martens GA. Vitamin D deficiency as risk factor for severe COVID-19: a convergence of two pandemics, May 5, 2020. <https://doi.org/10.1101/2020.05.01.20079376>

Ebadi M, Montano-Loza AJ. Perspective: improving vitamin D status in the management of COVID-19. *European Journal of Clinical Nutrition*. <https://doi.org/10.1038/s41430-020-0661-0>

[Ghavideldarestani M](#), [Honardoost M](#), [Khamseh ME](#). Role of Vitamin D in Pathogenesis and Severity of COVID-19 Infection 10.20944/preprints202004.0355.v1

Glicio, El James, Vitamin D Level of Mild and Severe Elderly Cases of COVID-19: A Preliminary Report (May 5, 2020). SSRN: <https://ssrn.com/abstract=3593258>

Lee J, van Hecke O, Roberts N. Vitamin D: A rapid review of the evidence for treatment or prevention in COVID-19 01 May 2020 . <https://www.cebm.net/covid-19/vitamin-d-a-rapid-review-of-the-evidence-for-treatment-or-prevention-in-covid-19/>

Martineau AR, Jolliffe DA, Hooper RL, Greenberg L, Aloia JF, Bergman P, Dubnov-Raz G, Esposito S, Ganmaa D, Ginde AA, Goodall EC, Grant CC, Griffiths CJ, Janssens W, Laaksi I, Manaseki-Holland S, Mauger D, Murdoch DR, Neale R, Rees JR, Simpson S Jr, Stelmach I, Kumar GT, Urashima M, Camargo CA Jr. [Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data](#). BMJ. 2017 Feb 15;356:i6583.

Raharusun, P, Priambada S, Budiart C, Agung E, Budi C. Patterns of COVID-19 Mortality and Vitamin D: An Indonesian Study (April 26, 2020). SSRN: <https://ssrn.com/abstract=3585561>

Does Vitamin D Protect Against COVID-19?  
JoAnn E. Manson, MD, DrPH

MEDSCAPE

May 11, 2020

The recommended dietary allowance of vitamin D is 600-800 IU/daily, but during this period, **a multivitamin or supplement containing 1000-2000 IU/daily of vitamin D would be reasonable.**

<https://www.medscape.com/viewarticle/930152>

Best regards,

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