

For vitamin D, most PrEP results refer to vitamin D sufficiency which does not distinguish between sufficiency obtained via supplementation or other methods. Confounding factors may be significant. Currently, six of these studies analyze treatment of COVID-19 with vitamin D.

11/13	<b>Positive</b>	PrEP	<i>Luo et al, Th...</i>	<b>progression...</b>	Vitamin D Deficiency Is Inversely ...
Retrospective 335 patients in China compared to 560 matched controls showin...					
11/12	<b>Positive</b>	Late	<i>Rastogi et al...</i>	<b>viral+, ↓52.6...</b>	Short term, high-dose vitamin D s...
53% reduction in PCR+ with high-dose cholecalciferol supplementation. RCT wit...					
11/9	<b>Inconc.</b>	PrEP	<i>Walk et al, medRxiv, doi:10.11...</i>		Vitamin D - contrary to vitamin K -...
Small retrospective study of 135 patients not finding a significant difference ion...					
11/2	<b>Positive</b>	PrEP	<i>Annweiler et...</i>	<b>death, ↓93.0...</b>	Vitamin D Supplementation Asso...
Retrospective study finding that regular bolus vitamin D supplementation was a...					
10/31	<b>Review</b>	Revie...	<i>Mercola et al., Nutrients 2020, ...</i>		Evidence Regarding Vitamin D an...
Review of vitamin D and COVID-19 concluding that the evidence seems strong ...					
10/29	<b>Positive</b>	PrEP	<i>Walrand, W., medRxiv, doi:10.1...</i>		The unexpected spectacular 202...
Analysis of the increase in COVID-19 cases in European countries, showing no c...					
10/21	<b>Review</b>	N/A	<i>Basha et al., Clinical Epidemiol...</i>		Is the shielding effect of cholecal...
Review of vitamin D for COVID-19, concluding that the available evidence is very...					
10/20	<b>Positive</b>	Late	<i>Ling et el., (P...</i>	<b>death, ↓52.0...</b>	Vitamin D Treatment Is Associate...
Retrospective 986 hospitalized patients in the UK, finding vitamin D treatment w...					
10/13	<b>Positive</b>	Early,...	<i>Annweiler et...</i>	<b>death, ↓68.4...</b>	Vitamin D and survival in COVID-1...
Vitamin D3 supplementation during or just before COVID-19 was associated wit...					
9/25	<b>Positive</b>	PrEP	<i>Maghbooli e...</i>	<b>death, ↓52.0...</b>	Vitamin D sufficiency, a serum 25...
Retrospective 235 hospitalized patients showing a significant association betw...					
9/17	<b>Positive</b>	PrEP	<i>Kaufman et ...</i>	<b>cases, ↓53....</b>	SARS-CoV-2 positivity rates asso...
Analysis of 191,779 patients in the US finding COVID-19 positivity strongly and i...					
9/10	<b>Positive</b>	PrEP	<i>Radujkovic e...</i>	<b>death, ↓93.2...</b>	Vitamin D Deficiency and Outcom...

Observational study 185 patients in Germany shows an association between vit...

9/10	<b>Positive</b>	PrEP	<i>Israel et al., medRxiv, doi:https:...</i>	The link between vitamin D deficie... Large observational population study showing a strong association between vit...
8/29	<b>Positive</b>	Late	<i>Castillo et al...</i>	ICU, ↓94.2%,... Effect of calcifediol treatment an... RCT on calcifediol (25-hydroxyvitamin D) treatment for hospitalized COVID-19 p...
8/9	<b>Positive</b>	PrEP	<i>Carpagnano ...</i>	death, ↓90.0... Vitamin D deficiency as a predict... Retrospective study 42 patients with acute respiratory failure, 81% with low vita...
7/23	<b>Positive</b>	PrEP	<i>Merzon et al...</i>	cases, ↓28... Low plasma 25(OH) vitamin D lev... Analysis of 7,807 patients finding that low vitamin D levels are correlated with in...
7/23	<b>Positive</b>	PrEP	<i>Lansiaux et al., Spat. Spatiote...</i>	Analysis of COVID-19 mortality rate and sunlight exposure finding a correlation t...
7/17	<b>Meta</b>	PrEP	<i>Jolliffe et al., medRxiv, doi:10...</i>	Vitamin D supplementation to pre... Meta analysis of 40 RCTs showing that vitamin D supplementation is safe and r...
6/30	<b>Positive</b>	PrEP	<i>Faul et al., Iri...</i>	ventilation, ... Vitamin D Deficiency and ARDS af... Analysis of 33 hospitalized COVID-19 patients with respiratory failure requiring F...
6/30	<b>Positive</b>	PrEP	<i>Panagiotou ...</i>	ICU, ↓52.0%,... Low serum 25-hydroxyvitamin D (... Retrospective analysis 134 hospitalized patients. 19% of ICU patients had 25(O...
6/22	<b>In Vitro</b>	N/A	<i>Mok et al., bioRxiv, doi:10.1101...</i>	Calcitriol, the active form of vitam... <i>In Vitro</i> study showing that the active form of Vitamin D, calcitriol, exhibits signifi...
6/10	<b>Positive</b>	Late	<i>Tan et al., N...</i>	oxygen, ↓80... Cohort study to evaluate the effec... Observational study of 43 patients >= 50 years old, with 17 patients receiving vi...
4/28	<b>Positive</b>	PrEP	<i>De Smet et ...</i>	cases, ↓23... Vitamin D deficiency as risk facto... Retrospective 186 hospitalized patients in Belguim, showing that more than 40...
4/28	<b>Positive</b>	PrEP	<i>Lau et al, m...</i>	ICU, ↓45.0%,... Vitamin D Insufficiency is Prevale... Analysis of 20 hospitalized COVID-19 patients, 13 requiring ICU admission. 84.6...
4/2	<b>Review</b>	Revie...	<i>Grant et al., Nutrients, 12:4, 98...</i>	Evidence that Vitamin D Supplem... Review of the evidence that vitamin D supplementation could reduce COVID-19 ...
2017	<b>Meta</b>	N/A	<i>Martineau et...</i>	cases, ↓7.3... Vitamin D supplementation to pre... Meta analysis of 25 RCTs showing vitamin D supplementation was safe and it p...

2013	<b>Meta</b>	N/A	<b>Bergman et al., PLoS One, 201...</b>	Vitamin D and Respiratory Tract I... Meta analysis of 11 placebo-controlled studies of 5660 patients. Vitamin D sho...
2012	<b>Review</b>	N/A	<b>Palacios et al., J Steroid Bioch...</b>	Is vitamin D deficiency a major gl... Review showing vitamin D deficiency is common worldwide in all age groups.
2012	<b>Inconc.</b>	Relat...	<b>Mitchell et al., Endocr Pract., 2...</b>	Prevalence and predictors of vita... Study of 634 healthy volunteers showing 64% had 25(OH)D $\leq$ 30 ng/mL. Gende...
2010	<b>Positive</b>	PrEP	<b>Urashima et al., Am. J. Clin. Nu...</b>	Randomized trial of vitamin D sup... RCT for vitamin D supplementation and seasonal influenza A in schoolchildren, ...
2006	<b>Review</b>	N/A	<b>Cannell et al., Epidemiol Infect...</b>	Epidemic influenza and vitamin D Review article on the mechanisms of action and seasonality of vitamin D levels, ...