

Supplementary Tables

Table S1: PubMed Search Results for Vitamin D Status and COVID-19

Search Strategy	Results
("Vitamin D," OR "25-Hydroxyvitamin D," OR "Low Vitamin D.") AND ("COVID-19" OR "2019-nCoV" OR "Coronavirus" OR "SARS-CoV-2") AND ("disease severity" OR "IMV" OR "ICU admission" OR "mortality" OR "hospitalization" OR "infection")	135
Timespan: 1/12/2019 to 3/11/2020, Article Type: Journal Article, Language: English	

Table S2: Google Scholar Search Results for Vitamin D Status and COVID-19

Search Strategy	Results
("Vitamin D," OR "25-Hydroxyvitamin D," OR "Low Vitamin D.") AND ("COVID-19" OR "2019-nCoV" OR "Coronavirus" OR "SARS-CoV-2") AND ("disease severity" OR "IMV" OR "ICU admission" OR "mortality" OR "hospitalization" OR "infection")	2630
Timespan: Since 2020 Language: English	

Table S3: ScienceDirect Search Results for Vitamin D Status and COVID-19

Search Strategy	Results
("Vitamin D," OR "25-Hydroxyvitamin D," OR "Low Vitamin D.") AND ("COVID-19" OR "2019-nCoV" OR "Coronavirus" OR "SARS-CoV-2") AND ("disease severity" OR "IMV" OR "ICU admission" OR "mortality" OR "hospitalization" OR "infection")	9
Article Type: Research Article	

Table S4. Newcastle-Ottawa Scale Assessment of Study Quality for Cross-sectional Study

Author	Selection				Comparability	Outcome		Study Quality
	1	2	3	4	5	6	7	
	Representativeness of the sample	Sample size	Ascertainment of exposure	Non-respondents	The subjects in different outcome groups are comparable, based on the study design or analysis. Confounding factors are controlled.	Assessment of outcome	Statistical test is appropriate	
Maghbooli <i>et al.</i> , 2020	*	*	*		*	*	*	6
Hastie <i>et al.</i> , 2020	*	*	*			*	*	5
Merzon <i>et al.</i> , 2020	*	*	*			*	*	5
Kaufman <i>et al.</i> , 2020	*	*	*	*		*	*	6

Table S5. Newcastle-Ottawa Scale Assessment of Study Quality for Cohort Study

Author	Selection				Comparability		Outcome			Study Quality
	1	2	3	4	5A	5B	6	7	8	
	Exposed cohort truly representative	Non-exposed cohort drawn from the same community	Ascertainment of exposure	Outcome of interest not present at start	Cohorts comparable on basis of age	Cohorts comparable on other factor(s)	Quality of outcome assessment	Follow-up long enough for outcomes to occur	Complete accounting for cohorts	
Abrishami <i>et al.</i> , 2020	*		*	*			*	*		5
Radujkovic <i>et al.</i> , 2020	*		*	*			*	*		5
Otros <i>et al.</i> , 2020	*		*	*			*	*		5
Meltzer <i>et al.</i> , 2020	*		*	*			*	*		5
D'avolio <i>et al.</i> , 2020	*	*	*	*			*	*		6
Baktash <i>et al.</i> , 2020	*		*	*			*	*		5

Table S6. Newcastle-Ottawa Scale Assessment of Study Quality for Case Control Study

[illegible]