

Supplementary Table 1: Changes to pre-registered protocol

Change	Justification
The method of measuring risk of bias was changed from the JBI tool to the NOS.	With the inclusion of several different study types, more than one JBI tool would have needed to have been used, therefore we changed the risk of bias tool to a validated tool for all observational studies.

Supplementary Table 2: Full search terms

Database	Search terms
Pubmed	((((LONG[Title/Abstract] OR LONG-TERM[Title/Abstract] OR post-acute[Title/Abstract] OR 'late sequela'[Title/Abstract] OR chronic[Title/Abstract] OR long-tail[Title/Abstract] OR persistent[Title/Abstract] OR 'long term'[Title/Abstract])) AND (COVID-19[Title/Abstract] OR COVID[Title/Abstract] OR SARS-CoV-2[Title/Abstract])) OR ('post COVID syndrome'[Title/Abstract] OR 'post-covid syndrome'[Title/Abstract])) AND (eye[Title/Abstract] OR vision[Title/Abstract] OR visual*[Title/Abstract] OR sight[Title/Abstract] OR nose[Title/Abstract] OR smell[Title/Abstract] OR anosmia[Title/Abstract] OR blind*[Title/Abstract] OR hearing[Title/Abstract] OR deaf[Title/Abstract] OR taste[Title/Abstract] OR sense[Title/Abstract] OR sensory[Title/Abstract] OR touch[Title/Abstract]))
Scopus	TITLE-ABS-KEY ( ( ( ( long OR long-term OR post-acute OR 'late AND sequela' OR chronic OR long-tail OR persistent OR 'long AND term' ) AND ( covid-19 OR covid OR sars-cov-2 ) ) OR ( 'post AND covid AND syndrome' OR 'post-covid AND syndrome' ) ) AND ( eye OR vision OR visual* OR sight OR nose OR smell OR anosmia OR blind* OR hearing OR deaf OR taste OR sense OR sensory OR touch ) ) )
Embase	((((LONG or LONG-TERM or post-acute or 'late sequela' or chronic or long-tail or persistent or 'long term') and (COVID-19 or COVID or SARS-CoV-2)) or ('post COVID syndrome' or 'post-covid syndrome')).mp. and (eye or vision or visual* or sight or nose or smell or anosmia or blind* or hearing or deaf or taste or sense or sensory or touch).ab,kf,ti.



Web of Science	(((LONG or LONG-TERM or post-acute or "late sequela" or chronic or long-tail or persistent or "long term") and (COVID-19 or COVID or SARS-CoV-2)) or ("post COVID syndrome" or "post-covid syndrome")) and (eye or vision or visual* or sight or nose or smell or anosmia or blind* or hearing or deaf or taste or senses OR sensory or touch)
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Supplementary Table 3: Full NOS scoring

Authors	Selection				Comparability
	Representativeness of the sample	Sample size	Non-respondents	Ascertainment of the exposure	The subjects in different outcomes are comparable, based on the study or analysis. Confounding factors controlled.
Cristillo et al.	1	0	0	1	1
Davis et al.	1	0	1	1	1
Gold et al.	1	0	0	1	1
Gonzalez-Hermosillo et al.	1	0	1	1	1
Klein et al.	1	0	1	1	1
Kumar et al.	1	0	0	1	1
Orru et al.	1	0	0	1	1
Osmanov et al.	1	0	0	1	1
Pilotto et al.	1	0	1	1	1
Rass et al.	1	0	0	1	1
Bellan et al.	1	0	0	0	1
Bertlich et al.	1	0	0	2	1
Garrigues et al.	1	0	0	0	1
Gonzalez-Hermosillo et al.	1	0	0	0	1
Hopkins et al.	0	0	1	0	1
Kim et al.	0	0	1	0	1
Lechien et al.	1	0	0	2	1
Lemhöfer et al.	1	0	1	1	1
Leth et al.	1	0	1	1	1
Orru et al.	1	0	0	0	1
Rass et al.	1	0	1	2	1
Riestra-Ayora et al.	1	0	0	2	1
Taboada et al.	1	0	0	0	1
Zhu et al.	1	0	0	2	1