

Supplement Table 1

a. PubMed search strategy

S.No Query

- 1 Coronavirus[MeSH] OR Coronavirus[Title/Abstract]
- 2 COVID*[Title/Abstract]
- 3 #1 OR #2
"covid 19"[Title/Abstract] OR "Covid-19"[Title/Abstract] OR "corona virus"[Title/Abstract] OR "Novel Corona Virus"[Title/Abstract] OR "corona virus disease"[Title/Abstract] OR "Coronavirus disease"[Title/Abstract] OR "Coronavirus disease 2019"[Title/Abstract] OR nCOV[Title/Abstract] OR "n-COV"[Title/Abstract] OR "COVID19"[Title/Abstract] OR "SARS coronavirus 2"[Title/Abstract] OR "severe acute respiratory syndrome coronavirus 2"[Title/Abstract] OR "2019nCoV"[Title/Abstract] OR 2019- nCoV[Title/Abstract]OR "nCoV2019"[Title/Abstract] OR "severe acute respiratory syndrome coronavirus 2"[Title/Abstract] OR "SARS-CoV- 2"[Title/Abstract] OR "SARSCoV-2"[Title/Abstract] OR "SARS- CoV2"[Title/Abstract] OR "SARSCoV19"[Title/Abstract] OR "SARS- CoV19"[Title/Abstract] OR "SARS-CoV19"[Title/Abstract] OR "HCoV- 19"[Title/Abstract] OR "WN-CoV"[Title/Abstract] OR
- 4 "coronavirus SARSCoV-2"[Title/Abstract] OR Coronavirus[Title/Abstract]
- 5 #3 OR #4
- 6 Drug therapy[MeSH]
pharmacotherap*[Title/Abstract] OR treat*[Title/Abstract] OR therap*[Title/Abstract] OR
- 7 management[Title/Abstract]
- 8 #6 OR #7
(drug[Title/Abstract] OR pharmacologic*[Title/Abstract] OR antiviral[Title/Abstract] OR anti-
- 9 viral[Title/Abstract]) OR (treat*[Title/Abstract] OR therap*[Title/Abstract] OR agent*[Title/Abstract])
- 10 #8 OR #9
- 11 #5 AND #10
- 12 Vaccines[MESH]
vaccin*[Title/Abstract] OR prevent*[Title/Abstract] OR prophylaxis[Title/Abstract] OR
- 13 prophylactic[Title/Abstract]
- 14 #12 OR #13
- 15 #11 NOT #14
- 16 #15 AND (Filter Publication Years: 2020 – 2024)
- 17 #16 AND (Filter Meta-Analysis, Systematic Review, English)

b. Cochrane CENTRAL search strategy

S.No Query

- "COVID-19" OR Covid-19 OR "corona virus" OR "severe acute respiratory syndrome coronavirus 2" OR
- 1 "SARS-CoV-2 2" OR Coronavirus
- 2 Drug OR therapy OR pharmacologic*
- 3 #1 AND #2
- 4 #3 AND "Cochrane Reviews"
- 5 #4 AND (2020-2024)

Supplement Table 2: AMSTAR 2 assessment of included systematic reviews

Study names	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Rating
Cheema 2022	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No	No	No	Yes	Critically Low
Deng 2024	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Low
Deng 2023	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Low
Fico 2023	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Critically Low
Lu 2022	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No	Yes	No	Yes	Critically Low
Nyirenda 2022	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Low
Prasanth 2024	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Critically Low
Vatvani 2023	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Low
Zhou 2024	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	Critically Low
Zheng 2022	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Critically Low
Lee 2022	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Critically Low