

Appendix

Appendix Table1. Quality summary of included studies

| STUDY | provides a priori design including RQ and inclusion criteria | duplicate searching and data extraction | comprehensive literature review (≥ 2 databases) | listed and described included studies | Quality of included studies assessed | synthesized narratively or statistically | assessed the likelihood of publication bias | mention conflict of interest | Summary |
|--------------|--|---|---|---------------------------------------|--------------------------------------|--|---|------------------------------|---------|
| Mantovani | Y | Y | Y | Y | Y | Y | Y | Y | High |
| De Souza | Y | Y | N | Y | N | Y | N | Y | Low |
| Yasuhara | Y | Y | Y | Y | N | Y | N | Y | Low |
| Hoang | Y | Y | Y | Y | Y | Y | Y | Y | High |
| Cui | Y | Y | Y | Y | Y | Y | Y | Y | High |
| Raba | Y | Y | Y | Y | Y | Y | N | Y | Medium |
| Zhang | Y | Y | Y | Y | Y | Y | Y | Y | High |
| Ma | Y | Y | Y | Y | Y | Y | N | Y | Medium |
| Ding | Y | Y | Y | Y | Y | Y | Y | Y | High |
| Christophers | Y | Y | Y | Y | Y | Y | N | Y | Medium |
| Liguoro | Y | Y | Y | Y | Y | Y | N | Y | Medium |
| Assaker | Y | Y | Y | N | Y | Y | Y | Y | Medium |
| Chang | Y | Y | Y | N | Y | Y | Y | Y | Medium |
| Wang | Y | Y | Y | Y | Y | Y | Y | Y | High |
| Jahangir | N | Y | N | Y | N | Y | N | Y | Low |
| Pei | Y | Y | Y | Y | Y | Y | Y | N | Medium |
| Kharoud | Y | Y | Y | Y | Y | Y | Y | Y | High |
| Wang Cui | Y | Y | Y | Y | Y | Y | Y | Y | High |

Appendix Table 2. Web references for included studies

1. Mantovani <https://www.nature.com/articles/s41390-020-1015-2>
2. De Sousa <https://onlinelibrary.wiley.com/doi/full/10.1002/ppul.24885>
3. Yasuhara <https://onlinelibrary.wiley.com/doi/epdf/10.1002/ppul.24991>
4. Hoang <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7318942/>
5. Cui <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7436402/pdf/JMV-9999-na.pdf>
6. Raba <https://onlinelibrary.wiley.com/doi/10.1111/apa.15422>
7. Zhang <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7300763/>
8. Ma <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7323441/pdf/JMV-9999-na.pdf>
9. Ding <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7350605/pdf/fped-08-00431.pdf>
10. Christophers <https://www.nature.com/articles/s41390-020-01161-3>
11. Liguoro <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7234446/>
12. Assaker <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7261471/>
13. Chang <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7161491/>
14. Wang <http://atm.amegroups.com/article/view/42970/html>
15. Jahangir <https://www.hkmj.org/earlyrelease/hkmj208646.htm>
16. Pei <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7357530/>
17. Kharoud <https://www.medrxiv.org/content/10.1101/2020.09.23.20200410v1>
18. Wang Cui <https://www.researchsquare.com/article/rs-34733/v2>

Appendix Table 3. Proportions with symptoms and signs by review

| | Mantovani | De Sousa | Yasuhabara | Hoang | Cui | Raba | Zhang | Ma | Ding | Christophers | Liguoro | Assaker | Chang | Wang | Pei | Kharoud | Wang Cui |
|--|-----------|----------|------------|-------|-----|------|-------|----|------|--------------|---------|---------|-------|------|------|---------|----------|
| Asymptomatic | | 14.2 | 15.2 | 19.3 | 20 | 16 | 18 | 42 | 36.4 | 14.6 | 15.1 | 16 | 26 | 19 | 20.0 | 17.2 | |
| Fever | 47 | 47.5 | 64.2 | 59.1 | 51 | 54 | 53 | 46 | 51.2 | 62.4 | 51.6 | 48 | 59 | 48 | 57.1 | 46.2 | |
| Cough | 37 | 41.5 | 34.8 | 55.9 | 41 | 33 | 39 | 42 | 37 | 32 | 47.3 | 40 | 46 | 39 | 32.9 | 40.2 | |
| Sore throat / pharyngitis | | 20.6 | 8.9 | 18.2 | 16 | | 14 | | 8.3 | | 17.9 | 14 | | 6 | | 10.3 | |
| Rhinorrhea/coryza | 2 | 11.2 | 16.1 | 20 | 14 | 23 | 7 | 12 | 9.9 | | | 16 | | 9 | | 11.2 | |
| Headache | | | 4.5 | 4.3 | | | 3 | | | 1.6 | | 13 | | 4 | 4.3 | 7.7 | |
| Fatigue or myalgia | | 5 | | 18.7 | 12 | | 5 | 8 | | | 10.6 | 8 | | 8 | 4.3 | 6.23 | |
| Wheeze | | | | | | | | | | | | | | | | | |
| Shortness of breath | 1 | | 10.7 | 11.7 | | 3 | 8 | | 1 | | 7.7 | | | 9 | 0 | 11.5 | |
| Vomiting &/or nausea | | 7.1 | 6.3 | 5.4 | 7 | | 2 | 8 | | 4.8 | 7.2 | 9 | | 6 | | 11.5 | |
| Diarrhoea | 4 | 8.1 | 13.4 | 6.5 | 8 | | 8 | 10 | | 10.4 | 9.7 | 10 | | 7 | | 10.3 | |
| Abdominal pain | 0 | 0.5 | | | | | | | | | | 6 | | | | | |
| Any gastrointestinal symptom (excluding above) | | | | | | 16 | | | 7.4 | | | | 12 | | 7.1 | | 17.7 |
| Rash | | | 10.7 | 0.25 | | | | | | 3.3 | | | | | | | |