## Search History

## Reviewer note 14/5/20:

## Consider using CORONAVIRUS/ and “CORNAVIRUS INFECTIONS”/ subject headings in Medline and CINAHL.

## Consider searching for the terms “MUCOCUTANEOUS LYMPH NODE SYNDROME" and ENDOTOXEMIA as truncated text terms.

## Consider a Pubmed search also as things are developing fast in this area, and grey literature sources for results like the letter and guidance below. Since this search was conducted several other key papers were published:

## South Thames Retrieval (whose [original report appeared in the Lancet online here](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)31094-1/fulltext) on7/5/20) released [this letter to anaesthetic teams](https://static1.squarespace.com/static/5e6613a1dc75b87df82b78e1/t/5ebbf54739793d1dee31c923/1589376329479/Anaesthetic+COVID_19+ALERT+FINAL+WHG.pdf) on 13/5/20 following the RCPCH's ["Guidance: Paediatric multisystem inflammatory syndrome temporally associated with COVID-19"](https://www.rcpch.ac.uk/sites/default/files/2020-05/COVID-19-Paediatric-multisystem-%20inflammatory%20syndrome-20200501.pdf).

## Also on 13/5/20, this cohort study from Italy was published: <https://www.thelancet.com/action/showPdf?pii=S0140-6736(20)31103-X>

|  | **Source** | **Criteria** | **Results** |
| --- | --- | --- | --- |
| 1. | Medline | ("2019-nCoV" OR "SARS-CoV" OR "MERS-CoV").ti,ab | 5460 |
| 2. | Medline | (coronavirus OR "corona virus" OR SARS OR MERS OR covid-19).ti,ab | 24903 |
| 3. | Medline | ("Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome").ti,ab | 6729 |
| 4. | Medline | (1 OR 2 OR 3) | 25622 |
| 5. | Medline | "MUCOCUTANEOUS LYMPH NODE SYNDROME"/ | 5923 |
| 6. | Medline | ("kawasaki disease" OR "kawasaki syndrome").ti,ab | 6463 |
| 7. | Medline | ENDOTOXEMIA/ | 4246 |
| 8. | Medline | ("toxic shock").ti,ab | 4491 |
| 9. | Medline | MYOCARDITIS/ | 14357 |
| 10. | Medline | (myocarditis).ti,ab | 14710 |
| 11. | Medline | ("cardiac inflammation").ti,ab | 698 |
| 12. | Medline | ("multiple organ" AND inflammation).ti,ab | 1348 |
| 13. | Medline | (5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12) | 37528 |
| 14. | Medline | (4 AND 13) | 96 |
| 15. | Medline | 14 [Human age groups Infant,newborn OR Infant OR Child,preschool OR Child OR Adolescent OR Young adult] | 21 |
| 16. | Medline | (COVID-19 consider cytokine storm syndromes).ti,ab | 1 |
| 17. | Medline | (COVID-19 AND Kawasaki disease).ti,ab | 1 |
| 18. | EMBASE | ("2019-nCoV" OR "SARS-CoV" OR "MERS-CoV").ti,ab | 5575 |
| 19. | EMBASE | (coronavirus OR "corona virus" OR SARS OR MERS OR covid-19).ti,ab | 25836 |
| 20. | EMBASE | ("Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome").ti,ab | 7068 |
| 21. | EMBASE | CORONAVIRINAE/ | 2174 |
| 22. | EMBASE | (18 OR 19 OR 20 OR 21) | 26888 |
| 23. | EMBASE | ("kawasaki disease" OR "kawasaki syndrome").ti,ab | 9061 |
| 24. | EMBASE | ("toxic shock").ti,ab | 5312 |
| 25. | EMBASE | (myocarditis).ti,ab | 20125 |
| 26. | EMBASE | ("cardiac inflammation").ti,ab | 1132 |
| 27. | EMBASE | ("multiple organ" AND inflammation).ti,ab | 2079 |
| 28. | EMBASE | "MUCOCUTANEOUS LYMPH NODE SYNDROME"/ | 11318 |
| 29. | EMBASE | exp MYOCARDITIS/ | 25710 |
| 30. | EMBASE | "SEPTIC SHOCK"/ | 50397 |
| 31. | EMBASE | (23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30) | 97040 |
| 32. | EMBASE | (22 AND 31) | 161 |
| 33. | EMBASE | 32 [Human age groups Infant to one year OR Child unspecified age OR Preschool Child 1 to 6 years OR School Child 7 to 12 years OR Adolescent 13 to 17 years] | 32 |
| 34. | CINAHL | ("2019-nCoV" OR "SARS-CoV" OR "MERS-CoV").ti,ab | 575 |
| 35. | CINAHL | (coronavirus OR "corona virus" OR SARS OR MERS OR covid-19).ti,ab | 5108 |
| 36. | CINAHL | ("Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome").ti,ab | 1722 |
| 37. | CINAHL | exp "CORONAVIRUS INFECTIONS"/ | 3277 |
| 38. | CINAHL | (34 OR 35 OR 36 OR 37) | 6240 |
| 39. | CINAHL | ("kawasaki disease" OR "kawasaki syndrome").ti,ab | 1648 |
| 40. | CINAHL | ("toxic shock").ti,ab | 507 |
| 41. | CINAHL | (myocarditis).ti,ab | 2295 |
| 42. | CINAHL | ("cardiac inflammation").ti,ab | 98 |
| 43. | CINAHL | ("multiple organ" AND inflammation).ti,ab | 268 |
| 44. | CINAHL | "MUCOCUTANEOUS LYMPH NODE SYNDROME"/ | 1583 |
| 45. | CINAHL | exp "SHOCK, SEPTIC"/ | 5869 |
| 46. | CINAHL | (39 OR 40 OR 41 OR 42 OR 43 OR 44 OR 45) | 10518 |
| 47. | CINAHL | (38 AND 46) | 26 |

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