Reviewer’s note 21/7/20:

Consider using search hedge for COVID-19 aspect of search as found on <https://kfh.libraryservices.nhs.uk/covid-19-coronavirus/for-lks-staff/literature-searches/#readymade>.

Include exp “coronavirus infections”/ in Medline search, and consider changing line 12’s and line 17’s truncation from “neurologic\*” to “neurolog\*”, like line 36. Consider introducing more synonyms for neurologic manifestations (like paralys\*, seizure\*, pain\*, etc.), and searching other sources too (clinical decision support tools, Cochrane Library, NICE Evidence, Trip).

1Medlineexp ENCEPHALITIS/47848

2Medline(Encephalitis).ti,ab38582

3Medline(1 OR 2)64504

4Medline("Covid 19" OR "Covid 2019").ti,ab5828

5Medline("novel coronavirus\*").ti,ab1611

6Medline("SARS-CoV-2").ti,ab1562

7Medline("severe acute respiratory coronavirus 2").ti,ab8

8Medlineexp BETACORONAVIRUS/7486

9Medlineexp CORONAVIRUS/12495

10Medline(4 OR 5 OR 6 OR 7 OR 8 OR 9)18218

11Medline(3 AND 10)197

12Medline(neurologic\*).ti,ab292714

13Medline(10 AND 12)145

14EMBASEexp ENCEPHALITIS/96554

15EMBASE(Encephalitis).ti,ab44053

16EMBASEexp "NEUROLOGIC DISEASE"/3379801

17EMBASE(neurologic\*).ti,ab424632

18EMBASE(14 OR 15 OR 16 OR 17)3498464

19EMBASE("Covid 19" OR "Covid 2019").ti,ab 5721

20EMBASE("novel coronavirus\*").ti,ab1670

21EMBASE("SARS-CoV-2").ti,ab1583

22EMBASE("severe acute respiratory coronavirus 2").ti,ab8

23EMBASEexp "SARS-RELATED CORONAVIRUS"/6437

24EMBASEexp "CORONAVIRUS INFECTION"/12393

25EMBASE(19 OR 20 OR 21 OR 22 OR 23 OR 24)20002

26EMBASE(18 AND 25)1256

27Medlineexp "NEUROLOGIC MANIFESTATIONS"/1209464

28Medline(10 AND 27)49

29PubMed(Encephalitis).ti,ab66839

30PubMed("Covid 19" OR "Covid 2019").ti,ab6762

31PubMed("novel coronavirus\*").ti,ab1719

32PubMed("SARS-CoV-2").ti,ab2010

33PubMed("severe acute respiratory coronavirus 2").ti,ab8

34PubMed(30 OR 31 OR 32 OR 33)7750

35PubMed(29 AND 34)5

36PubMed(neurolog\*).ti,ab854454

37PubMed(34 AND 36)159

38PubMed(encephalopathy).ti,ab1307553