

# NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE

## COVID-19 rapid guideline: managing the long-term effects of COVID-19 (NG188)

### Search history record

December 2020

Topic	COVID-19 rapid guideline
Question detail	Managing the long-term effects of COVID-19
Date of search	22-28 October 2020

All searches must be compliant with the current edition of the NICE manual. See [section 8](#) for further guidance.

NICE (17 July 2020) [Developing NICE guidelines: the manual. Process and methods \[PMG20\]. Appendix L: Interim process and methods for guidelines developed in response to health and social care emergencies](#)

Source	No. of results	Total results	Total after deduplication
CDSR	1	6784	4104
CENTRAL	13		
CINAHL (Main)	791		
CINAHL (Top Up 1)	1		
CINAHL (Top Up 2)	34		
Embase (Main)	2419		
Embase (Top Up 1)	3		
Embase (Top Up 2)	156		
MEDLINE ALL (Main)	1663		
MEDLINE ALL (Top Up 1)	3		
MEDLINE ALL (Top Up 2)	150		
PsycINFO (Main)	104		
PsycINFO (Top Up 1)	0		
PsycINFO (Top Up 2)	1		
BMJ Best Practice	5		
Cochrane COVID-19 Study Register	283		
Epistemonikos	121		
Google Scholar	27		
NICE Evidence Search	33		
Pre-prints from bioRxiv and medRxiv	106		
TRIP	18		
WHO COVID-19 database	303		
Reference checking	338		
Scoping searches	139		
Surveillance triage screening	72		

## Sources summary

### Database searches

Database	Platform	Date searched	Segment searched
CDSR	<a href="#">Wiley</a>	28/10/2020	Cochrane Database of Systematic Reviews Issue 10 of 12, October 2020
CENTRAL	<a href="#">Wiley</a>	28/10/2020	Cochrane Central Register of Controlled Trials Issue 10 of 12, October 2020
CINAHL main search	EBSCOhost	27/10/2020	1981-current
Embase main search	Ovid	27/10/2020	Embase 1974 to 2020 October 26
MEDLINE ALL main search	Ovid	27/10/2020	Ovid MEDLINE(R) ALL 1946 to October 26, 2020
PsycINFO main search	Ovid	27/10/2020	APA PsycInfo 1806 to October Week 3 2020

### Web-based COVID-19 collections

Source	Platform	Date searched	Segment searched
BMJ Best Practice	<a href="#">BMJ Best Practice Coronavirus disease 2019 (COVID-19)</a>	22/10/2020	Section on complications last updated 20/10/2020
Cochrane COVID-19 Study Register	<a href="https://covid-19.cochrane.org/">https://covid-19.cochrane.org/</a>	27/10/2020	Version on 27/10/2020
Epistemonikos	<a href="#">COVID-19 Living Overview of Evidence</a>	27/10/2020	Version on 27/10/2020
Google Scholar	<a href="https://scholar.google.com/">https://scholar.google.com/</a>	28/10/2020	Version on 28/10/2020
NICE Evidence Search	<a href="https://www.evidence.nhs.uk">https://www.evidence.nhs.uk</a>	28/10/2020	Version on 28/10/2020
Pre-prints from bioRxiv and medRxiv	EPPI	27/10/2020	RIS file received on Mon 26 Oct 2020 at 8am
TRIP	<a href="http://www.tripdatabase.com/">http://www.tripdatabase.com/</a>	28/10/2020	Version on 28/10/2020
WHO COVID-19 database	<a href="#">WHO website</a>	27/10/2020	Version on 27/10/2020

### Other sources

Source	Date searched	Segment searched
Reference checking	22/10/2020 27/10/2020	Versions on 22/10/2020 and 27/10/2020
Scoping searches	12/10/2020	Version on 12/10/2020
Surveillance triage screening	26/10/2020	Updates added to EPPI on 23/10/2020

## Database strategies

### Cochrane Database of Systematic Reviews (CDSR)

Manually checked the following collections as part of scoping:

**Coronavirus (COVID-19): infection control and prevention measures**

<https://www.cochranelibrary.com/collections/doi/SC000040/full>

**Coronavirus (COVID-19): evidence relevant to critical care**

<https://www.cochranelibrary.com/collections/doi/SC000039/full>

**Cochrane Rapid Reviews in response to COVID-19**

<https://www.cochranelibrary.com/covid-19>

On 27 October re-checked:

**Coronavirus (COVID-19): evidence relevant to clinical rehabilitation** (last updated 21 October 2020)

<https://www.cochranelibrary.com/collections/doi/SC000047/full>

On 28 October checked the results in CDSR from running the CENTRAL strategy (see next page) and 1 result returned.

## Cochrane Central Register of Controlled Trials (CENTRAL)

#1 (longcovid\* or (long NEXT covid\*) or longcoronavirus\* or (longcorona\* NEXT virus\*) or (long NEXT coronavirus\*) or (long NEXT corona\* NEXT virus\*) or longcoronavirus\* or (longcorono\* NEXT virus\*) or (long NEXT coronavirus\*) or (long NEXT corono\* NEXT virus\*) or longcoronavirinae\* or (longcorona\* NEXT virinae\*) or (long NEXT coronavirinae\*) or (long NEXT corona\* NEXT virinae\*) or longCov or (long NEXT Cov) or longsars\* or (long NEXT sars\*) or "long severe acute respiratory syndrome" or "long severe acute respiratory syndromes" or longncov\* or (long NEXT ncov\*) or longhcov\* or (long NEXT hcov\*)):ti,ab 0

#2 ((long\* or endur\* or legacy\* or slow\* or gradual\* or protract\* or lengthy\* or chronic\* or persist\* or relaps\* or remit\* or remission\* or residual\* or delay\* or prolong\* or extend\* or linger\* or permanent\* or fluctuat\* or sequela\* or multisystem\* or "multi system\*" or nonrecover\* or "non recovery" or "non recovering" or subacute\* or "sub acute\*" or lasting\* or continuous\* or continual\* or continuing\* or postacute\* or "post acute\*" or postdischarg\* or "post discharge" or "post discharging" or postinfect\* or "post infection" or "post infective\*" or postviral\* or "post viral\*" or postvirus\* or "post virus\*") near/1 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 3

#3 (("long\* term\*" or longterm\* or "long\* haul\*" or longhaul\* or "long\* tail\*" or longtail\* or longduration\* or "long duration\*" or longlast\* or "long last\*" or longstanding\* or "long standing\*" or "medium\* term\*" or mediumterm\*) near/3 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 1

#4 ((postcovid\* or "post covid\*" or postcoronavirus\* or "postcorona\* virus\*" or "post coronavirus\*" or "post corona\* virus\*" or postcoronavirus\* or "postcorono\* virus\*" or "post coronavirus\*" or "post corono\* virus\*" or postcoronavirinae\* or "postcorona\* virinae\*" or "post coronavirinae\*" or "post corona\* virinae\*" or postCov or "post Cov" or postsars\* or "post sars\*" or "post severe acute respiratory syndrome\*" or postncov\* or "post ncov\*" or posthcov\* or "post hcov\*") near/3 (syndrome\* or disorder\* or illness\* or sickness\* or disease\* or condition\* or symptom\* or sign\* or prognos\* or followup\* or "follow up\*" or feature\* or comorbid\* or "co morbid\*" or multimorbid\* or "multi morbid\*" or survivor\* or survival\* or risk\* or care\* or convalescen\* or recuperat\* or aftercare\* or ambulatory\* or outpatient\* or "out patient\*" or "out patients\*")):ti,ab 2

#5 ((ongoing\* or long\* or endur\* or legacy\* or slow\* or gradual\* or protract\* or lengthy\* or chronic\* or persist\* or relaps\* or remit\* or remission\* or residual\* or delay\* or prolong\* or extend\* or linger\* or permanent\* or fluctuat\* or multisystem\* or "multi system\*" or nonrecover\* or "non recovery" or "non recovering\*" or subacute\* or "sub acute\*" or lasting\* or continuous\* or continual\* or continuing\* or postacute\* or "post acute\*" or postdischarg\* or "post discharge" or "post discharging" or postinfect\* or "post infection" or "post infective\*" or postviral\* or "post viral\*" or postvirus\* or "post virus\*" or "medium\* term\*" or mediumterm\*) near/4 (sequela\* or illness\* or symptom\* or sign\* or prognos\* or rehab\* or convalescen\* or recuperat\* or followup\* or "follow up\*" or feature\*) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 15

#6 ((ongoing\* or long\* or endur\* or legacy\* or slow\* or gradual\* or protract\* or lengthy\* or chronic\* or persist\* or relaps\* or remit\* or remission\* or residual\* or delay\* or prolong\* or extend\* or linger\* or permanent\* or fluctuat\* or multisystem\* or "multi system\*" or subacute\* or "sub acute\*" or lasting\* or continuous\* or continual\* or continuing\* or post\* or after\* or follow\* or "medium\* term\*" or mediumterm\*) near/1 recover\* near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or "SARS-

Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*"):ti,ab 5

#7 {or #1-#6} 25

#8 [mh "coronavirus"] 72

#9 [mh "coronavirus infections"] 395

#10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*"):ti 1564

#11 {or #8-#10} 1605

#12 [mh ^"Recovery of Function"] 5167

#13 [mh ^"Aftercare"] 597

#14 [mh ^"Rehabilitation"] 313

#15 [mh ^"Activities of Daily Living"] 4877

#16 [mh ^"Convalescence"] 146

#17 [mh ^"Long Term Adverse Effects"] 29

#18 [mh ^"Physical Functional Performance"] 123

#19 {or #12-#18} 10730

#20 #11 and #19 8

#21 ("long\* haul\*" or longhaul\* or "long\* tail\*" or longtail\* or longduration\* or "long duration\*" or longlast\* or "long last\*" or longstanding\* or "long standing\*"):ti,ab 5490

#22 #8 or #9 396

#23 #21 and #22 0

#24 ((recover\* or nonrecover\*) near/3 function\* near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronovirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 0

#25 ((postacute\* or "post acute\*" or postdischarg\* or "post discharge" or "post discharging" or postinfect\* or "post infection\*" or "post infective\*" or postviral\* or "post viral\*" or postvirus\* or "post virus\*" or subacute\* or "sub acute\*") near/3 (care\* or convalescen\* or recuperat\* or aftercare\* or ambulatory\* or outpatient\* or "out patient" or "out patients\*" or survivor\* or survival\*) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronovirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 0

#26 ((convalescen\* or recuperat\* or after\* or followup\* or "follow up\*" or rehab\*) near/1 (therap\* or care\*) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronovirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 1

#27 ((ongoing\* or endur\* or long\* or legacy\* or slow\* or gradual\* or protract\* or lengthy\* or chronic\* or persist\* or relaps\* or remit\* or remission\* or residual\* or delay\* or prolong\* or extend\* or linger\* or permanent\* or fluctuat\* or multisystem\* or "multi system\*" or nonrecover\* or "non recovery" or "non recovering\*" or subacute\* or "sub acute\*" or lasting\* or continuous\* or continual\* or continuing\* or postacute\* or "post acute\*" or postdischarg\* or "post discharge" or "post discharging" or postinfect\* or "post infection\*" or "post infective\*" or postviral\* or "post viral\*" or postvirus\* or "post virus\*" or "medium\* term\*" or mediumterm\* or adverse\* or dangerous\* or harmful\* or indirect\* or injurious\* or secondary\* or side effect\* or undesirable\* or sequela\* or complication\* or consequence\* or effect\* or event\* or impact\* or outcome\* or reaction\* or complexit\* or aftercare\* or impair\* or problem\* or issue\* or rehab\* or function\* or perform\*) near/10 ((daily\* or everyday\* or day\* or normal\* or usual\*) near/1 (activit\* or living\* or life\* or lives\* or job\* or work\* or employ\* or occupation\* or hobby\* or hobbies\* or leisure\*)) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 2

#28 ((ongoing\* or endur\* or long\* or legacy\* or slow\* or gradual\* or protract\* or lengthy\* or chronic\* or persist\* or relaps\* or remit\* or remission\* or residual\* or delay\* or prolong\* or extend\* or linger\* or permanent\* or fluctuat\* or multisystem\* or "multi system\*" or nonrecover\* or "non recovery" or "non recovering" or subacute\* or "sub acute\*" or lasting\* or continuous\* or continual\* or continuing\* or postacute\* or "post acute\*" or postdischarg\* or "post discharge" or "post discharging" or postinfect\* or "post infection\*" or "post infective\*" or postviral\* or "post viral\*" or postvirus\* or "post virus\*" or "medium\* term\*" or mediumterm\*) near/3 ((health\* or adverse\* or dangerous\* or harmful\* or indirect\* or injurious\* or secondary\* or side\* or undesirable\* or negative\* or damaging\* or detriment\* or abnormal\*) near/1 (sequela\* or complication\* or consequence\* or effect\* or event\* or impact\* or outcome\* or reaction\* or complexit\* or aftercare\* or impair\* or problem\* or issue\* or symptom\* or disorder\*)) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or



"SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 1

#29 ((ongoing\* or endure\* or long\* or legacy\* or slow\* or gradual\* or protract\* or lengthy\* or chronic\* or persist\* or relapse\* or remit\* or remission\* or residual\* or delay\* or prolong\* or extend\* or linger\* or permanent\* or fluctuate\* or multisystem\* or "multi system\*" or nonrecover\* or "non recovery" or "non recovering" or subacute\* or "sub acute\*" or lasting\* or continuous\* or continual\* or continuing\* or postacute\* or "post acute\*" or postdischarge\* or "post discharge" or "post discharging" or postinfect\* or "post infection\*" or "post infective\*" or postviral\* or "post viral\*" or postvirus\* or "post virus\*" or "medium\* term\*" or mediumterm\*) near/3 ((physiolog\* or neuro\* or cardio\* or gastro\* or musculo\* or renal\* or kidney\* or cognitive\* or cognition\* or rheumatol\* or dermatol\* or skin\* or haematol\* or blood\* or autonomic\* or nervous\* or nervous system\* or otolaryngol\* or laryngol\* or otolog\* or cerebro\* or brain\* or vascular\* or respirator\* or lung\* or pulmonary\* or psycholog\* or mental health\* or mental\* or psychiatr\* or exertion\* or debilit\* or devitali\* or enervat\* or drain\* or sleep\* or weak\* or tired\* or frail\* or sapp\* or strength\* or confusion\* or letharg\* or fatigue\* or tired\* or weariness\* or exhaust\* or malaise\* or pain\* or headache\* or breathless\* or breathing\* or myalgia\* or delirious\* or delirium\* or appetite\* or muscle\* or muscular\* or fitness\* or memory\* or stress\* or depress\* or anxiety\* or emotion\* or cough\* or fever\* or temperatur\* or pneumon\* or conjunctivit\* or throat\* or pharyngit\* or dyspnea\* or dyspnoea\* or sick\* or nausea\* or nauseous\* or vomit\* or diarrhoea\* or diarrhea\* or taste\* or anosmia\* or smell\* or olfact\* or sweat\* or dehydrat\* or pyrexia\* or nasal\* or nose\* or mucus\* or ear\* or hearing\* or deaf\* or "brain fog\*" or cardiac\* or thoracic\* or chest\* or ischemic\* or ischaemic\* or heart\* or liver\* or hepatic\* or immuno\* or palpitation\* or vertigo\* or metabol\* or vestibular\* or endocrine\* or encephalit\*) near/1 (sequela\* or complication\* or consequence\* or effect\* or event\* or impact\* or outcome\* or reaction\* or complexit\* or aftercare\* or impair\* or problem\* or issue\* or symptom\* or disorder\* or abnormal\*)) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*")):ti,ab 3

#30 ((physiolog\* or neuro\* or cardio\* or gastro\* or musculo\* or renal\* or kidney\* or cognitive\* or cognition\* or rheumatol\* or dermatol\* or skin\* or haematol\* or blood\* or autonomic\* or nervous\* or "nervous system\*" or otolaryngol\* or laryngol\* or otolog\* or

cerebro\* or brain\* or vascular\* or respirator\* or lung\* or pulmonary\* or psycholog\* or "mental health\*" or mental\* or psychiatr\* or exertion\* or debilit\* or devitali\* or enervat\* or drain\* or sleep\* or weak\* or tired\* or frail\* or sapp\* or strength\* or confusion\* or letharg\* or fatigue\* or tired\* or weariness\* or exhaust\* or malaise\* or pain\* or headache\* or breathless\* or breathing\* or myalgia\* or delirious\* or delirium\* or appetite\* or muscle\* or muscular\* or fitness\* or memory\* or stress\* or depress\* or anxiety\* or emotion\* or cough\* or fever\* or temperatur\* or pneumon\* or conjunctivit\* or throat\* or pharyngit\* or dyspnea\* or dyspnoea\* or sick\* or nausea\* or nauseous\* or vomit\* or diarrhoea\* or diarrhea\* or taste\* or anosmia\* or smell\* or olfact\* or sweat\* or dehydrat\* or pyrexia\* or nasal\* or nose\* or mucus\* or ear\* or hearing\* or deaf\* or "brain fog\*" or cardiac\* or thoracic\* or chest\* or ischemic\* or ischaemic\* or heart\* or liver\* or hepatic\* or immuno\* or palpitation\* or vertigo\* or metabol\* or vestibular\* or endocrine\* or encephalit\*) near/3 (postcovid\* or "post covid\*" or postcoronavirus\* or "postcorona\* virus\*" or "post coronavirus\*" or "post corona\* virus\*" or postcoronavirus\* or "postcorono\* virus\*" or "post coronavirus\*" or "post corono\* virus\*" or postcoronavirinae\* or "postcorona\* virinae\*" or "post coronavirinae\*" or "post corona\* virinae\*" or postCov or "post Cov" or postsars\* or "post sars\*" or "post severe acute respiratory syndrome\*" or postncov\* or "post ncov\*" or posthcov\* or "post hcov\*")):ti,ab 4

#31 ((physiolog\* or neuro\* or cardio\* or gastro\* or musculo\* or renal\* or kidney\* or cognitive\* or cognition\* or rheumato\* or dermatol\* or skin\* or haematol\* or blood\* or autonomic\* or nervous\* or nervous system\* or otolaryngol\* or laryngol\* or otolog\* or cerebro\* or brain\* or vascular\* or respirator\* or lung\* or pulmonary\* or psycholog\* or mental health\* or mental\* or psychiatr\* or exertion\* or debilit\* or devitali\* or enervat\* or drain\* or sleep\* or weak\* or tired\* or frail\* or sapp\* or strength\* or confusion\* or letharg\* or fatigue\* or tired\* or weariness\* or exhaust\* or malaise\* or pain\* or headache\* or breathless\* or breathing\* or myalgia\* or delirious\* or delirium\* or appetite\* or muscle\* or muscular\* or fitness\* or memory\* or stress\* or depress\* or anxiety\* or emotion\* or cough\* or fever\* or temperatur\* or pneumon\* or conjunctivit\* or throat\* or pharyngit\* or dyspnea\* or dyspnoea\* or sick\* or nausea\* or nauseous\* or vomit\* or diarrhoea\* or diarrhea\* or taste\* or anosmia\* or smell\* or olfact\* or sweat\* or dehydrat\* or pyrexia\* or nasal\* or nose\* or mucus\* or ear\* or hearing\* or deaf\* or "brain fog\*" or cardiac\* or thoracic\* or chest\* or ischemic\* or ischaemic\* or heart\* or liver\* or hepatic\* or immuno\* or palpitation\* or vertigo\* or metabol\* or vestibular\* or endocrine\* or encephalit\*) near/1 (sequela\* or complication\* or consequence\* or complexit\*) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or

"SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*"):ti,ab 23

#32 ((((((multi or multiple\* or overlap\* or cluster\* or numerous\* or varied\* or variety\*) near/1 (symptom\* or system\* or disease\* or disorder\* or illness\* or condition\* or syndrome\*)) or (multisymptom\* or multisystem\* or multidisease\* or multidisorder\* or multiillness\* or multicondition\* or multisyndrom\*)) near/10 (covid\* or coronavirus\* or "corona\* virus\*" or coronavirus\* or "corono\* virus\*" or coronavirinae\* or "corona\* virinae\*" or Cov or "2019-nCoV\*" or 2019nCoV\* or "19-nCoV\*" or 19nCoV\* or nCoV2019\* or "nCoV-2019\*" or nCoV19\* or "nCoV-19\*" or "HCoV-19\*" or HCoV19\* or "HCoV-2019\*" or HCoV2019\* or "2019 novel\*" or Ncov\* or "n-cov" or "SARS-CoV-2\*" or "SARSCoV-2\*" or "SARSCoV2\*" or "SARS-CoV2\*" or SARSCov19\* or "SARS-Cov19\*" or "SARSCov-19\*" or "SARS-Cov-19\*" or SARSCov2019\* or "SARS-Cov2019\*" or "SARSCov-2019\*" or "SARS-Cov-2019\*" or SARS2\* or "SARS-2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or SARScoronavirus2\* or "SARS-coronavirus-2\*" or "SARScoronavirus 2\*" or "SARS coronavirus2\*" or "severe acute respiratory syndrome\*)) not ("Multisystem\* inflammatory\* syndrome\*" or "inflammatory\* multisystem\* syndrome\*")):ti,ab 1

#33 {or #23-#32} 34

#34 #7 or #20 or #33 64

NOTE: the strategy could not be run as a whole as it would time out on the Wiley platform. The individual lines had to be run separately in order to obtain the results. Registry entry records were not added to the search results. The actual strategies used are available separately.

## Cumulative Index to Nursing and Allied Health Literature (CINAHL)

### CINAHL Main search

Run on 27 October 2020

S1	TI (longcovid* or long covid* or longcoronavirus* or longcorona* virus* or long coronavirus* or long corona* virus* or longcoronavirus* or longcorono* virus* or long coronavirus* or long corono* virus* or longcoronavirinae* or longcorona* virinae* or long coronavirinae* or long corona* virinae* or longCov or long Cov or longsars* or long sars* or "long severe acute respiratory syndrome*" or longncov* or long ncov* or longhcov* or long hcov*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	4
S2	AB (longcovid* or long covid* or longcoronavirus* or longcorona* virus* or long coronavirus* or long corona* virus* or longcoronavirus* or longcorono* virus* or long coronavirus* or long corono* virus* or longcoronavirinae* or longcorona* virinae* or long coronavirinae* or long corona* virinae* or longCov or long Cov or longsars* or long sars* or "long severe acute respiratory syndrome*" or longncov* or long ncov* or longhcov* or long hcov*).	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2
S3	TI ((long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or sequela* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*") N1 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	95
S4	AB ((long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or sequela* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	114

	<p>postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*") N1 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>		
S5	<p>TI ("long* term*" or longterm* or "long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*" or "medium* term*" or mediumterm*) N3 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	55
S6	<p>AB ("long* term*" or longterm* or "long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*" or "medium* term*" or mediumterm*) N3 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	73

S7	TI ((postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*) N3 (syndrome* or disorder* or illness* or sickness* or disease* or condition* or symptom* or sign* or prognos* or followup* or "follow up*" or feature* or comorbid* or "co morbid*" or multimorbid* or "multi morbid*" or survivor* or survival* or risk* or care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	15
S8	AB ((postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirus* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*) N3 (syndrome* or disorder* or illness* or sickness* or disease* or condition* or symptom* or sign* or prognos* or followup* or "follow up*" or feature* or comorbid* or "co morbid*" or multimorbid* or "multi morbid*" or survivor* or survival* or risk* or care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	11
S9	TI ((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) N4 (sequela* or illness* or symptom* or sign* or prognos* or rehab* or convalescen* or recuperat* or followup* or "follow up*" or feature*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	13
S10	AB ((ongoing* or long* or endur* or legacy* or slow* or	Expanders -	85

	<p>gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) N4 (sequela* or illness* or symptom* or sign* or prognos* or rehab* or convalescen* or recuperat* or followup* or "follow up*" or feature*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronov* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>	<p>Apply equivalent subjects Search modes - Boolean/Phrase</p>	
S11	<p>TI ((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or post* or after* or follow* or "medium* term*" or mediumterm*) N1 recover* N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronov* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	22
S12	<p>AB ((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or post* or after* or follow* or "medium* term*" or mediumterm*) N1 recover* N10 (covid* or coronavirus*</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	24

	or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**))		
S13	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	427
S14	(MH "Coronavirus+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	10,986
S15	(MH "Coronavirus Infections+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	19,701
S16	TI (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	19,515
S17	S14 OR S15 OR S16	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	25,405



S18	(MH "Functional Status")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	23,758
S19	(MH "After Care")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	14,764
S20	(MH "Rehabilitation")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	16,514
S21	(MH "Activities of Daily Living")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	33,075
S22	(MH "Recovery")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	33,072
S23	(MH "Adverse Health Care Event")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7,767
S24	(MH "Treatment Complications, Delayed")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,303
S25	(MH "Physical Performance")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	5,381
S26	S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25	Expanders - Apply equivalent subjects Search modes -	127,362

		Boolean/Phrase	
S27	S17 AND S26	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	270
S28	S14 OR S15	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	19,925
S29	TI ("long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1,995
S30	AB ("long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	13,487
S31	S29 OR S30	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	14,804
S32	S28 AND S31	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	52
S33	TI ((recover* or nonrecover*) N3 function* N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2

S34	<p>AB ((recover* or nonrecover*) N3 function* N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARSCov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	5
S35	<p>TI ((postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or subacute* or "sub acute*") N3 (care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*" or survivor* or survival*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	12
S36	<p>AB ((postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or subacute* or "sub acute*") N3 (care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*" or survivor* or survival*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	9

S37	<p>TI ((convalescen* or recuperat* or after* or followup* or "follow up*" or rehab*) N1 (therap* or care*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	22
S38	<p>AB ((convalescen* or recuperat* or after* or followup* or "follow up*" or rehab*) N1 (therap* or care*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	28
S39	<p>TI ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side effect* or undesirable* or sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or rehab* or function* or perform*) N10 ((daily* or everyday* or day* or normal* or usual*) N1 (activit* or living* or life* or lives* or job* or work* or employ* or occupation* or hobby* or hobbies* or leisure*)) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	3

	"HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))		
S40	AB ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side effect* or undesirable* or sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or rehab* or function* or perform*) N10 ((daily* or everyday* or day* or normal* or usual*) N1 (activit* or living* or life* or lives* or job* or work* or employ* or occupation* or hobby* or hobbies* or leisure*)) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	19
S41	TI ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) N3 ((health* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side* or	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	3

	<p>undesirable* or negative* or damaging* or detriment* or abnormal*) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder*)) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))</p>		
S42	<p>AB ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) N3 ((health* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side* or undesirable* or negative* or damaging* or detriment* or abnormal*) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder*)) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	16
S43	<p>TI ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	5

	<p>continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) N3 ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexi* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) N10 (covid* or coronavirus* or corona* virus* or coronovirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>		
S44	<p>AB ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) N3 ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous</p>	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	29

	<p>system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) N10 (covid* or coronavirus* or corona* virus* or coronovirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))</p>		
S45	<p>TI ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or</p>	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	11



	metabol*) N3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*))		
S46	AB ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexi* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) N3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7
S47	TI ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	43

	<p>dehydrat* or pyrexi* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) N1 (sequela* or complication* or consequence* or complexit*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))</p>		
S48	<p>AB ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexi* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) N1 (sequela* or complication* or consequence* or complexit*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or</p>	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	112

	"severe acute respiratory syndrome**))		
S49	TI ((((((multi or multiple* or overlap* or cluster* or numerous* or varied* or variety*) N1 (symptom* or system* or disease* or disorder* or illness* or condition* or syndrome*)) or (multisymptom* or multisystem* or multidisease* or multidisorder* or multiillness* or multicondition* or multisyndrom*)) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**)) not ("Multisystem* inflammatory* syndrome*" or "inflammatory* multisystem* syndrome**))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	13
S50	AB ((((((multi or multiple* or overlap* or cluster* or numerous* or varied* or variety*) N1 (symptom* or system* or disease* or disorder* or illness* or condition* or syndrome*)) or (multisymptom* or multisystem* or multidisease* or multidisorder* or multiillness* or multicondition* or multisyndrom*)) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**)) not ("Multisystem* inflammatory* syndrome*" or "inflammatory* multisystem* syndrome**))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	32
S51	S13 OR S27 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	971
S52	((MH "animals+") OR (MH "animal studies") OR TI(animal model*))	Expanders - Apply equivalent	215,007

		subjects Search modes - Boolean/Phrase	
S53	(MH "human")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,257,723
S54	s52 not s53	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	186,832
S55	s51 not s54	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	964
S56	s51 not s54	Limiters - Publication Type: Editorial, Letter Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	173
S57	s55 not s56	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	791

## CINAHL (Top Up 1)

Run on 28 October 2020

#	Query	Limiters/Expanders	Results
S1	<p>TI ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*)) N3 ((vestibular* or endocrine* or encephalit*)) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) N10 (covid* or coronavirus* or corona* virus* or coronovirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	0
S2	<p>AB ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*)) N3 ((vestibular* or endocrine* or encephalit*)) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) N10 (covid* or coronavirus* or corona* virus* or coronovirus* or</p>	<p>Expanders - Apply equivalent subjects Search modes - Boolean/Phrase</p>	0

	corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))		
S3	TI ((vestibular* or endocrine* or encephalit*) N3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	0
S4	AB ((vestibular* or endocrine* or encephalit*) N3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	0
S5	TI ((vestibular* or endocrine* or encephalit*) N1 (sequela* or complication* or consequence* or complexit*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	0
S6	AB ((vestibular* or endocrine* or encephalit*) N1	Expanders - Apply	1

	(sequela* or complication* or consequence* or complexit*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))	equivalent subjects Search modes - Boolean/Phrase	
S7	S1 OR S2 OR S3 OR S4 OR S5 OR S6	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	1

### CINAHL (Top Up 2)

#	Query	Limiters/Expanders	Results
S1	TI ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium term*" or mediumterm*) N3 ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	0

	2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**))		
S2	AB ((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) N3 ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) N1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal**)) N10 (covid* or coronavirus* or corona* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2
S3	TI ((physical* or cough* or fibrosis* or myocarditis* or	Expanders - Apply	1



	Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) N3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*))	equivalent subjects Search modes - Boolean/Phrase	
S4	AB ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) N3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2
S5	TI ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) N1 (sequela* or complication* or consequence* or complexit*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	10

	"SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))		
S6	AB ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) N1 (sequela* or complication* or consequence* or complexit*) N10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome**"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	
S7	S1 OR S2 OR S3 OR S4 OR S5 OR S6	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	
S8	((MH "animals+") OR (MH "animal studies") OR TI(animal model*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	215,053
S9	(MH "human")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	2,258,288
S10	S8 not s9	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	186,832

S11	S7 not s10	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	41
S12	S7 not s10	Limiters - Publication Type: Editorial, Letter Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	7
S13	S11 not s12	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	34

## Embase

### Embase (Main search)

Database(s): **Embase** 1974 to 2020 October 26  
Search Strategy:

#	Searches	Results
1	(longcovid* or long covid* or longcoronavirus* or longcorona* virus* or long coronavirus* or long corona* virus* or longcoronavirus* or longcorono* virus* or long coronavirus* or long corono* virus* or longcoronavirinae* or longcorona* virinae* or long coronavirinae* or long corona* virinae* or longCov or long Cov or longsars* or long sars* or "long severe acute respiratory syndrome*" or longncov* or long ncov* or longhcov* or long hcov*).ti,ab,kw.	17
2	((long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or sequela* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*") adj1 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.	102
3	((("long* term*" or longterm* or "long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*" or "medium* term*" or mediumterm*) adj3 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-	164

	coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	
4	((postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post coron*o* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*) adj3 (syndrome* or disorder* or illness* or sickness* or disease* or condition* or symptom* or sign* or prognos* or followup* or "follow up*" or feature* or comorbid* or "co morbid*" or multimorbid* or "multi morbid*" or survivor* or survival* or risk* or care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*"))).ti,ab.	77
5	((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj4 (sequela* or illness* or symptom* or sign* or prognos* or rehab* or convalescen* or recuperat* or followup* or "follow up*" or feature*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or coron*o* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	325
6	((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or post* or after* or follow* or "medium* term*" or mediumterm*) adj1 recover* adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or coron*o* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or	128

	nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
7	or/1-6	741
8	exp Coronavirinae/	20631
9	exp Coronavirus infection/	21996
10	("coronavirus disease 2019" or "severe acute respiratory syndrome coronavirus 2").sh,dj.	58925
11	(covid* or coronavirus* or corona* virus* or coronovirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti.	70262
12	or/8-11	87544
13	Functional status/	52995
14	Aftercare/	6668
15	Convalescence/	49728
16	rehabilitation/	81107
17	Rehabilitation care/	16868
18	daily life activity/	91762
19	physical performance/	20738
20	or/13-19	301961
21	12 and 20	1243
22	("long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*").ti,ab. and (8 or 9 or 10)	217
23	((recover* or nonrecover*) adj3 function* adj10 (covid* or coronavirus* or corona* virus* or coronovirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-	15

	nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
24	((postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or subacute* or "sub acute*") adj3 (care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*" or survivor* or survival*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	15
25	((convalescen* or recuperat* or after* or followup* or "follow up*" or rehab*) adj1 (therap* or care*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	36
26	((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or	58

	<p>nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side effect* or undesirable* or sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or rehab* or function* or perform*) adj10 ((daily* or everyday* or day* or normal* or usual*) adj1 (activit* or living* or life* or lives* or job* or work* or employ* or occupation* or hobby* or hobbies* or leisure*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.</p>	
27	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((health* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side* or undesirable* or negative* or damaging* or detriment* or abnormal*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-</p>	40



	coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	
28	((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devital* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	56
29	((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive*	49

	<p>or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post coronono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*)),ti,ab.</p>	
30	<p>((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronovirus* or coronono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or</p>	527

	"SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	
31	(((multi or multiple* or overlap* or cluster* or numerous* or varied* or variety*) adj1 (symptom* or system* or disease* or disorder* or illness* or condition* or syndrome*)) or (multisymptom* or multisystem* or multidisease* or multidisorder* or multiillness* or multicondition* or multisyndrom*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")) not ("Multisystem* inflammatory* syndrome*" or "inflammatory* multisystem* syndrome*"))).ti,ab.	122
32	or/21-31	2285
33	7 or 32	2882
34	(letter or editorial).pt.	1819537
35	33 not 34	2488
36	nonhuman/ not (human/ and nonhuman/)	4724093
37	35 not 36	2419

## Embase (Top Up 1)

Database(s): **Embase** 1974 to 2020 October 27

Search Strategy:

#	Searches	Results
1	((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((vestibular* or endocrine* or encephalit*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	0
2	((vestibular* or endocrine* or encephalit*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*).ti,ab.	0
3	((vestibular* or endocrine* or encephalit*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-	3

	Cov2019** or "SARSCov-2019**" or "SARS-Cov-2019**" or SARS2* or "SARS-2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or "SARSCoronavirus 2**" or "SARS coronavirus2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or "SARSCoronavirus 2**" or "SARS coronavirus2**" or "severe acute respiratory syndrome**").ti,ab.	
4	or/1-3	3

## Embase (Top Up 2)

Database(s): **Embase** 1974 to 2020 October 28  
Search Strategy:

#	Searches	Results
1	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system**" or nonrecover* or "non recover**" or subacute* or "sub acute**" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute**" or postdischarg* or "post discharg**" or postinfect* or "post infect**" or postviral* or "post viral**" or postvirus* or "post virus**" or "medium* term**" or mediumterm*) adj3 ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV**" or 2019nCoV* or "19-nCoV**" or 19nCoV* or nCoV2019* or "nCoV-2019**" or nCoV19* or "nCoV-19**" or "HCoV-19**" or HCoV19* or "HCoV-2019**" or HCoV2019* or "2019 novel**" or Ncov* or "n-cov" or "SARS-CoV-2**" or "SARSCoV-2**" or "SARSCoV2**" or "SARS-CoV2**" or SARSCov19* or "SARS-Cov19**" or "SARSCov-19**" or "SARS-Cov-19**" or SARSCov2019* or "SARS-Cov2019**" or "SARSCov-2019**" or "SARS-Cov-2019**" or SARS2* or "SARS-2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or "SARSCoronavirus 2**" or "SARS coronavirus2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or "SARSCoronavirus 2**" or "SARS coronavirus2**" or "severe acute respiratory syndrome**").ti,ab.</p>	8
2	<p>((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi*</p>	0

	<p>or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*)).ti,ab.</p>	
3	<p>((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.</p>	169
4	or/1-3	176
5	(letter or editorial).pt.	1820181
6	4 not 5	157
7	nonhuman/ not (human/ and nonhuman/)	4725268
8	6 not 7	156

## MEDLINE ALL

### MEDLINE ALL (Main search)

Database(s): **Ovid MEDLINE(R) ALL** 1946 to October 26, 2020

Search Strategy:

#	Searches	Results
1	(longcovid* or long covid* or longcoronavirus* or longcorona* virus* or long coronavirus* or long corona* virus* or longcoronavirus* or longcorono* virus* or long coronavirus* or long corono* virus* or longcoronavirinae* or longcorona* virinae* or long coronavirinae* or long corona* virinae* or longCov or long Cov or longsars* or long sars* or "long severe acute respiratory syndrome*" or longncov* or long ncov* or longhcov* or long hcov*).ti,ab,kw,kf.	18
2	((long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or sequela* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*") adj1 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.	107
3	((("long* term*" or longterm* or "long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*" or "medium* term*" or mediumterm*) adj3 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.	170

	"SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
4	((postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*) adj3 (syndrome* or disorder* or illness* or sickness* or disease* or condition* or symptom* or sign* or prognos* or followup* or "follow up*" or feature* or comorbid* or "co morbid*" or multimorbid* or "multi morbid*" or survivor* or survival* or risk* or care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*").ti,ab.	84
5	((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj4 (sequela* or illness* or symptom* or sign* or prognos* or rehab* or convalescen* or recuperat* or followup* or "follow up*" or feature*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	335
6	((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or post* or after* or follow* or "medium* term*" or mediumterm*) adj1 recover* adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or	122



	corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
7	or/1-6	766
8	exp coronavirus/	38803
9	exp Coronavirus Infections/	41916
10	(covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti.	71709
11	or/8-10	81896
12	"Recovery of Function"/	53231
13	Aftercare/	9353
14	rehabilitation/	18323
15	Activities of Daily Living/	64971
16	convalescence/	3621
17	Long Term Adverse Effects/	596
18	Physical Functional Performance/	1079
19	or/12-18	146461
20	11 and 19	260
21	("long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*").ti,ab. and (8 or 9)	113
22	((recover* or nonrecover*) adj3 function* adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-	10

	nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
23	((postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or subacute* or "sub acute*") adj3 (care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*" or survivor* or survival*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	17
24	((convalescen* or recuperat* or after* or followup* or "follow up*" or rehab*) adj1 (therap* or care*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	37
25	((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or	63

	<p>nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side effect* or undesirable* or sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or rehab* or function* or perform*) adj10 ((daily* or everyday* or day* or normal* or usual*) adj1 (activit* or living* or life* or lives* or job* or work* or employ* or occupation* or hobby* or hobbies* or leisure*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.</p>	
26	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((health* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side* or undesirable* or negative* or damaging* or detriment* or abnormal*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-</p>	41

	coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	
27	((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devital* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	55
28	((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive*	54

	<p>or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*)).ti,ab.</p>	
29	<p>((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronovirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or</p>	523

	"SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
30	(((multi or multiple* or overlap* or cluster* or numerous* or varied* or variety*) adj1 (symptom* or system* or disease* or disorder* or illness* or condition* or syndrome*)) or (multisymptom* or multisystem* or multidisease* or multidisorder* or multiillness* or multicondition* or multisyndrom*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*") not ("Multisystem* inflammatory* syndrome*" or "inflammatory* multisystem* syndrome*").ti,ab.	127
31	or/20-30	1250
32	7 or 31	1915
33	limit 32 to (letter or historical article or comment or editorial or news)	204
34	32 not 33	1711
35	Animals/ not (Animals/ and Humans/)	4715701
36	34 not 35	1663

## MEDLINE ALL (Top Up 1)

Database(s): **Ovid MEDLINE(R) ALL** 1946 to October 27, 2020

Search Strategy:

#	Searches	Results
1	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((vestibular* or endocrine* or encephalit*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.</p>	0
2	<p>((vestibular* or endocrine* or encephalit*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*).ti,ab.</p>	0
3	<p>((vestibular* or endocrine* or encephalit*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-</p>	3

	Cov2019** or "SARSCov-2019**" or "SARS-Cov-2019**" or SARS2* or "SARS-2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or SARSCoronavirus 2** or "SARS coronavirus2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or SARSCoronavirus 2** or "SARS coronavirus2**" or "severe acute respiratory syndrome**").ti,ab.	
4	or/1-3	3

## MEDLINE ALL (Top Up 2)

Database(s): **Ovid MEDLINE(R) ALL** 1946 to October 28, 2020  
Search Strategy:

#	Searches	Results
1	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system**" or nonrecover* or "non recover**" or subacute* or "sub acute**" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute**" or postdischarg* or "post discharg**" or postinfect* or "post infect**" or postviral* or "post viral**" or postvirus* or "post virus**" or "medium* term**" or mediumterm*) adj3 ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV**" or 2019nCoV* or "19-nCoV**" or 19nCoV* or nCoV2019* or "nCoV-2019**" or nCoV19* or "nCoV-19**" or "HCoV-19**" or HCoV19* or "HCoV-2019**" or HCoV2019* or "2019 novel**" or Ncov* or "n-cov" or "SARS-CoV-2**" or "SARSCoV-2**" or "SARSCoV2**" or "SARS-CoV2**" or SARSCov19* or "SARS-Cov19**" or "SARSCov-19**" or "SARS-Cov-19**" or SARSCov2019* or "SARS-Cov2019**" or "SARSCov-2019**" or "SARS-Cov-2019**" or SARS2* or "SARS-2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or SARSCoronavirus 2** or "SARS coronavirus2**" or SARSCoronavirus2* or "SARS-coronavirus-2**" or SARSCoronavirus 2** or "SARS coronavirus2**" or "severe acute respiratory syndrome**").ti,ab.</p>	10
2	<p>((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi*</p>	0



	<p>or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*)).ti,ab.</p>	
3	<p>((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.</p>	162
4	or/1-3	170
5	limit 4 to (letter or historical article or comment or editorial or news)	20
6	4 not 5	150
7	Animals/ not (Animals/ and Humans/)	4716937
8	6 not 7	150

## PsycINFO

### PsycINFO (Main search)

Database(s): **APA PsycInfo** 1806 to October Week 3 2020  
 Search Strategy:

#	Searches	Results
1	(longcovid* or long covid* or longcoronavirus* or longcorona* virus* or long coronavirus* or long corona* virus* or longcoronavirus* or longcorono* virus* or long coronavirus* or long corono* virus* or longcoronavirinae* or longcorona* virinae* or long coronavirinae* or long corona* virinae* or longCov or long Cov or longsars* or long sars* or "long severe acute respiratory syndrome*" or longncov* or long ncov* or longhcov* or long hcov*).ti,ab.	1
2	((long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or sequela* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*") adj1 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	4
3	((("long* term*" or longterm* or "long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*" or "medium* term*" or mediumterm*) adj3 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-	14

	coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
4	((postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*) adj3 (syndrome* or disorder* or illness* or sickness* or disease* or condition* or symptom* or sign* or prognos* or followup* or "follow up*" or feature* or comorbid* or "co morbid*" or multimorbid* or "multi morbid*" or survivor* or survival* or risk* or care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*").ti,ab.	5
5	((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj4 (sequela* or illness* or symptom* or sign* or prognos* or rehab* or convalescen* or recuperat* or followup* or "follow up*" or feature*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	10
6	((ongoing* or long* or endur* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or post* or after* or follow* or "medium* term*" or mediumterm*) adj1 recover* adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or	2

	"SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
7	or/1-6	34
8	exp coronavirus/	1364
9	(covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti.	1778
10	8 or 9	2132
11	Functional status/	1355
12	exp "Recovery (Disorders)"/	12812
13	Aftercare/	1094
14	rehabilitation/	20196
15	Activities of Daily Living/	6046
16	Activity level/	8793
17	or/11-16	48723
18	10 and 17	21
19	("long* haul*" or longhaul* or "long* tail*" or longtail* or longduration* or "long duration*" or longlast* or "long last*" or longstanding* or "long standing*").ti,ab. and 8	14
20	((recover* or nonrecover*) adj3 function* adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*")	1

	or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	
21	((postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or subacute* or "sub acute*") adj3 (care* or convalescen* or recuperat* or aftercare* or ambulatory* or outpatient* or "out patient*" or survivor* or survival*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	0
22	((convalescen* or recuperat* or after* or followup* or "follow up*" or rehab*) adj1 (therap* or care*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.	2
23	((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side effect* or undesirable* or sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or	7

	<p>complexit* or aftercare* or impair* or problem* or issue* or rehab* or function* or perform*) adj10 ((daily* or everyday* or day* or normal* or usual*) adj1 (activit* or living* or life* or lives* or job* or work* or employ* or occupation* or hobby* or hobbies* or leisure*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.</p>	
24	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((health* or adverse* or dangerous* or harmful* or indirect* or injurious* or secondary* or side* or undesirable* or negative* or damaging* or detriment* or abnormal*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.</p>	9
25	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or</p>	9

	<p>continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal**)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or coronovirus* or coronovirus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*").ti,ab.</p>	
26	<p>((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur*</p>	5

	<p>or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*)).ti,ab.</p>	
27	<p>((physiolog* or neuro* or cardio* or gastro* or musculo* or renal* or kidney* or cognitive* or cognition* or rheumato* or dermatol* or skin* or haematol* or blood* or autonomic* or nervous* or nervous system* or otolaryngol* or laryngol* or otolog* or cerebro* or brain* or vascular* or respirator* or lung* or pulmonary* or psycholog* or mental health* or mental* or psychiatr* or exertion* or debilit* or devitali* or enervat* or drain* or sleep* or weak* or tired* or frail* or sapp* or strength* or confusion* or letharg* or fatigue* or tired* or weariness* or exhaust* or malaise* or pain* or headache* or breathless* or breathing* or myalgia* or delirious* or delirium* or appetite* or muscle* or muscular* or fitness* or memory* or stress* or depress* or anxiety* or emotion* or cough* or fever* or temperatur* or pneumon* or conjunctivit* or throat* or pharyngit* or dyspnea* or dyspnoea* or sick* or nausea* or nauseous* or vomit* or diarrhoea* or diarrhea* or taste* or anosmia* or smell* or olfact* or sweat* or dehydrat* or pyrexia* or nasal* or nose* or mucus* or ear* or hearing* or deaf* or "brain fog*" or cardiac* or thoracic* or chest* or ischemic* or ischaemic* or heart* or liver* or hepatic* or immuno* or palpitation* or vertigo* or metabol*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or SARSCoronavirus2* or "SARS-coronavirus-2*" or "SARSCoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.</p>	28
28	<p>(((((multi or multiple* or overlap* or cluster* or numerous* or varied* or variety*) adj1 (symptom* or system* or disease* or disorder* or illness* or condition* or syndrome*)) or</p>	0



	(multisymptom* or multisystem* or multidisease* or multidisorder* or multiillness* or multicondition* or multisyndrom*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*") not ("Multisystem* inflammatory* syndrome*" or "inflammatory* multisystem* syndrome*").ti,ab.	
29	or/18-28	93
30	7 or 29	119
31	limit 30 to ("column/opinion" or editorial or letter)	15
32	30 not 31	104

## PsycINFO (Top Up 1)

Database(s): **APA PsycInfo** 1806 to October Week 3 2020

Search Strategy:

#	Searches	Results
1	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((vestibular* or endocrine* or encephalit*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.</p>	0
2	<p>((vestibular* or endocrine* or encephalit*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*)).ti,ab.</p>	0
3	<p>((vestibular* or endocrine* or encephalit*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or</p>	0

	SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.	
4	or/1-3	0

## PsycINFO (Top Up 2)

Database(s): **APA PsycInfo** 1806 to October Week 3 2020

Search Strategy:

#	Searches	Results
1	<p>((ongoing* or endur* or long* or legacy* or slow* or gradual* or protract* or lengthy* or chronic* or persist* or relaps* or remit* or remission* or residual* or delay* or prolong* or extend* or linger* or permanent* or fluctuat* or multisystem* or "multi system*" or nonrecover* or "non recover*" or subacute* or "sub acute*" or lasting* or continuous* or continual* or continuing* or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*" or "medium* term*" or mediumterm*) adj3 ((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*) adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*)) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*"))).ti,ab.</p>	0
2	<p>((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin*</p>	0

	<p>or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*)  adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*) adj3 (postcovid* or post covid* or postcoronavirus* or postcorona* virus* or post coronavirus* or post corona* virus* or postcoronavirus* or postcorono* virus* or post coronavirus* or post corono* virus* or postcoronavirinae* or postcorona* virinae* or post coronavirinae* or post corona* virinae* or postCov or post Cov or postsars* or post sars* or "post severe acute respiratory syndrome*" or postncov* or post ncov* or posthcov* or post hcov*)).ti,ab.</p>	
3	<p>((physical* or cough* or fibrosis* or myocarditis* or Guillain* or barre* or neuralgi* or amyotroph* or thrombo* or clot* or rash* or hive* or urticari* or lymph* or stroke* or TIA or toe* or foot* or feet* or finger* or chilblain* or numb* or inflammat* or inflame* or arthralgi* or eye* or organ or organs or tingl* or sting* or burn* or bladder* or urogenit* or genitourin* or genital* or reproducti* or urinary* or joint* or tachycard* or atrial* or autoimmun* or dysautonomi* or polyneuro* or mast* or mobility* or walking* or ambulation* or energy*)  adj1 (sequela* or complication* or consequence* or effect* or event* or impact* or outcome* or reaction* or complexit* or aftercare* or impair* or problem* or issue* or symptom* or disorder* or abnormal*) adj1 (sequela* or complication* or consequence* or complexit*) adj10 (covid* or coronavirus* or corona* virus* or coronavirus* or corono* virus* or coronavirinae* or corona* virinae* or Cov or "2019-nCoV*" or 2019nCoV* or "19-nCoV*" or 19nCoV* or nCoV2019* or "nCoV-2019*" or nCoV19* or "nCoV-19*" or "HCoV-19*" or HCoV19* or "HCoV-2019*" or HCoV2019* or "2019 novel*" or Ncov* or "n-cov" or "SARS-CoV-2*" or "SARSCoV-2*" or "SARSCoV2*" or "SARS-CoV2*" or SARSCov19* or "SARS-Cov19*" or "SARSCov-19*" or "SARS-Cov-19*" or SARSCov2019* or "SARS-Cov2019*" or "SARSCov-2019*" or "SARS-Cov-2019*" or SARS2* or "SARS-2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or SARScoronavirus2* or "SARS-coronavirus-2*" or "SARScoronavirus 2*" or "SARS coronavirus2*" or "severe acute respiratory syndrome*")).ti,ab.</p>	1
4	or/1-3	1

## Web-based COVID-19 collections

### BMJ Best Practice

Name	BMJ Best Practice Coronavirus disease 2019 (COVID-19)
URL	<a href="https://bestpractice.bmj.com/topics/en-gb/3000168">https://bestpractice.bmj.com/topics/en-gb/3000168</a>
Date searched	22 October 2020
How the results were selected	<p>Manually reviewed the complications section:</p> <p>BMJ Best Practice Coronavirus disease 2019 (COVID-19) – Complications – Post-acute COVID-19 (long COVID)  <a href="https://bestpractice.bmj.com/topics/en-gb/3000201/complications">https://bestpractice.bmj.com/topics/en-gb/3000201/complications</a>            Last update 20 October 2020</p> <p>Added all of the references to this section to a RIS file via Zoero</p>
No. of results	5
Results	<p>Greenhalgh T, Knight M, A'Court C, et al. Management of post-acute covid-19 in primary care. BMJ. 2020 Aug 11;370:m3026.  <a href="https://www.bmj.com/content/370/bmj.m3026">https://www.bmj.com/content/370/bmj.m3026</a></p> <p>COVID Symptom Study. How long does COVID-19 last? 2020.  <a href="https://covid.joinzoe.com/post/covid-long-term">https://covid.joinzoe.com/post/covid-long-term</a></p> <p>Mahase E. Covid-19: what do we know about “long covid”? BMJ. 2020 Jul 14;370:m2815.  <a href="https://www.bmj.com/content/370/bmj.m2815">https://www.bmj.com/content/370/bmj.m2815</a></p> <p>Carfi A, Bernabei R, Landi F, et al. Persistent symptoms in patients after acute COVID-19. JAMA. 2020 Jul 9  <a href="https://jamanetwork.com/journals/jama/fullarticle/2768351">https://jamanetwork.com/journals/jama/fullarticle/2768351</a></p> <p>Tenforde MW, Kim SS, Lindsell CJ, et al. Symptom duration and risk factors for delayed return to usual health among outpatients with COVID-19 in a multistate health care systems network: United States, March-June 2020. MMWR Morb Mortal Wkly Rep. 2020 Jul 31;69(30):993-8.  <a href="https://www.cdc.gov/mmwr/volumes/69/wr/mm6930e1.htm">https://www.cdc.gov/mmwr/volumes/69/wr/mm6930e1.htm</a></p>

## Cochrane COVID-19 Study Register

Name	Cochrane COVID-19 Study Register
Background	A freely-available, continually-updated, annotated reference collection of human studies on COVID-19, including interventional, observational, diagnostic, prognostic, epidemiological, and economic designs. Please note: the register will not include in-vitro study references. Qualitative studies are currently under evaluation.
URL	<a href="https://covid-19.cochrane.org/">https://covid-19.cochrane.org/</a>
Date searched	27 October 2020
How the results were selected	Ran a series of separate searches and added the results to marked list then downloaded a single RIS file. Only included studies with results. Did not include clinical trial registries or protocols without data.
EPPI source	In Select database dropdown used Wiley-CENTRAL.
Search strategies	<p>Search 1 longcovid* or "long covid*" or longcoronavirus* or longcoronavirinae or "long coronavirinae" or longCov or "long Cov" or longsars or "long sars"</p> <p>Search 2 long severe acute respiratory syndrome</p> <p>Search 3 sequelae</p> <p>Search 4 nonrecover* or "non recover*" or subacute* or "sub acute*" or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*"</p> <p>Search 5 postcovid* or "post covid*" or postcoronavirus* or postcoronavirinae or "post coronavirinae" or postCov or "post Cov" or postsars or "post sars"</p> <p>Search 6 ongoing symptom or persistent symptom</p> <p>Search 7 "after care" or aftercare</p> <p>Search 8 rehabilitation or recuperation or convalescence or recovery AND ongoing</p> <p>Search 9 "daily activities"</p> <p>Search 10 "functional status"</p>
Results	283 in total from 10 searches, downloaded as a single RIS file

## Epistemonikos

Name	Epistemonikos
URL	<a href="#">COVID-19 Living Overview of Evidence</a>
Date searched	27 October 2020
How the results were selected	Ran a series of separate searches and added the results to marked list then downloaded a single RIS file. Only included studies with results. Did not include clinical trial registries or protocols without data.
Search strategies	<p>Search 1 – 78 results  longcovid* or "long covid*" or longcoronavirus* or longcoronavirinae or "long coronavirinae" or longCov or "long Cov" or longsars or "long sars" or "long severe acute respiratory syndrome" or postcovid* or "post covid*" or postcoronavirus* or postcoronavirinae or "post coronavirinae" or postCov or "post Cov" or postsars or "post sars" or "functional status" or "after care" or aftercare</p> <p>Search 2 – 18 results  rehabilitation or recuperation or convalescence or recovery or complication or sequelae AND ongoing</p> <p>Search 3 – 2 results  "ongoing symptom" or "persistent symptom"</p> <p>Search 4 – 23 results  postcovid* or "post covid*" or postcoronavirus* or postcoronavirinae or "post coronavirinae" or postCov or "post Cov" or postsars or "post sars"</p>
Results	121 in total from 4 searches downloaded as 4 RIS files

## Google Scholar

Name	Google Scholar
URL	<a href="https://scholar.google.com/">https://scholar.google.com/</a>
Date searched	28 October 2020
How the results were selected	The search retrieved 662 results. Reviewed the first 500 on screen (sorted by relevance) and by this point none were related to the topic. Did not add any results that had already been retrieved. This was intended to be a quick top up for new papers as Google Scholar has been used in more detail as part of the scoping searches. Added the selected papers to RIS by using Zotero.
Search strategies	longcovid "long covid*" longcoronavirus longcoronavirinae "long coronavirinae" longCov "long Cov" longsars "long sars" "long severe acute respiratory syndrome"
Results	27 in total in a single RIS file.

## NICE Evidence Search

Name	NICE Evidence Search
URL	<a href="https://www.evidence.nhs.uk">https://www.evidence.nhs.uk</a>
Date searched	28 October 2020
How the results were selected	This was intended to be a top up of the scoping search. Did not include related guidelines from other organisations that had previously been used for the background scoping search.
Search strategies	<p>Search 1 – reviewed 10 results – 6 selected longcovid* or "long covid*" or longcoronavirus* or longcoronavirinae or "long coronavirinae" or longCov or "long Cov" or longsars or "long sars" or "long severe acute respiratory syndrome"</p> <p>Search 2 – reviewed 189 results – 2 selected postcovid* or "post covid*" or postcoronavirus* or postcoronavirinae or "post coronavirinae" or postCov or "post Cov" or postsars or "post sars"</p> <p>Search 3 – reviewed 88 results – 1 selected (coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND ("daily activities" or "functional status" or "after care" or aftercare) – applied Guidance and Policy filter</p> <p>Search 4 – reviewed 430 results – 1 selected (coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND ("daily activities" or "functional status" or "after care" or aftercare) – applied Secondary Evidence filter</p> <p>Search 5 – reviewed 344 results – 4 selected (coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND (nonrecover* or "non recover*" or subacute* or "sub acute*" or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*")</p> <p>Search 6 – reviewed 794 results – 7 selected (coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND (rehabilitation or recuperation or convalescence or recovery or complication) – sorted by date and reviewed first 250 published since May 2020</p> <p>Search 7 – reviewed 21 results – 9 selected (coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND (ongoing symptom or persistent symptom)</p>
Results	33 in total from 7 searches downloaded in 7 RIS files.



## Pre-prints from bioRxiv and medRxiv

NOTE: these sources provide open access to preprints of preliminary reports of work that have not been peer-reviewed. They should not be relied on to guide clinical practice or health-related behaviour and should not be reported in news media as established information.

Name	medRxiv and bioRxiv
URL	<a href="https://www.medrxiv.org/search/">https://www.medrxiv.org/search/</a> <a href="https://www.biorxiv.org/search">https://www.biorxiv.org/search</a>
Date searched	27 October 2020
Method	We downloaded the MedRxiv and BioRxiv Covid-19/SARS-CoV-2 collection ( <a href="https://connect.medrxiv.org/relate/content/181">https://connect.medrxiv.org/relate/content/181</a> ) into an EPPI reviewer 5 database using a custom feed. We then searched in the EPPI reviewer database for the terms below. We did not use the native interface in MedRxiv or BioRxiv due to problems with the search functionality and data extraction options. The EPPI database feed was last updated on 26 October. Note that Searches in EPPI reviewer 5 auto-truncate unless otherwise specified
Source	Searched within the EPPI database ID1287 which had last been updated at 08:27 on 26 October 2020.
How the results were selected	Ran a series of separate searches and added the results to marked list then downloaded a single RIS file. After each search added the relevant records to the included results. Only included studies with results. Did not include clinical trial registries or protocols without data.
Results	106 in total from 14 searches, downloaded as a single RIS file.
Search strategies	<p>Search 1 – title and abstract search – 8 results</p> <ul style="list-style-type: none"> <li>longcovid</li> <li>long covid</li> <li>longcoronavirus</li> <li>longcoronavirus</li> <li>longcoronavirinae</li> <li>longCov</li> <li>longncov</li> <li>longhcov</li> <li>longcorona virus</li> <li>long coronavirus</li> <li>long corona virus</li> <li>longcorono virus</li> <li>long coronavirus</li> <li>long corono virus</li> <li>longcorona virinae</li> <li>long coronavirinae</li> <li>long corona virinae</li> <li>long Cov</li> <li>longsars</li> <li>long sars</li> <li>long severe acute respiratory syndrome</li> <li>long ncov</li> <li>long hcov</li> </ul> <p>Search 2 – title and abstract search – 31 results</p> <ul style="list-style-type: none"> <li>sequela</li> </ul> <p>Search 3 – title and abstract search – 9 results</p> <ul style="list-style-type: none"> <li>nonrecover</li> <li>subacute</li> <li>postacute</li> <li>postdischarg</li> </ul>

	<p> postinfect  postviral  postvirus  non recover  sub acute  post acute  post discharg  post infect  post viral  post virus </p> <p> Search 4 – title and abstract search – 6 results  Longterm  Longhaul  longtail  longduration  longlast  longstanding  mediumterm </p> <p> Search 5 – title and abstract search – 3 results  postcovid  postcoronavirus  postcoronavirus  postcoronavirinae  postCov  postsars  postncov  posthcov  post coronavirus </p> <p> Search 6 – title only phrase search – 3 results  post covid  post coronavirus  post corona virus  postcorono virus  post corono virus  postcorona virinae  post coronavirinae  post coronavirinae  post Cov  post sars  post ncov  post hcov  post severe acute respiratory syndrome </p> <p> Search 7 – title only search – 16 results  ongoing  protract  lengthy  chronic  persist  delay  prolong  longer  linger  fluctuat  continual  continuing  continuous </p>
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	<p>permanent  <b>AND</b>  illness  symptom  sign  prognos  feature</p> <p>Search 8 – title only search – 1 result  rehab  recuperat</p> <p>Search 9 – title only search – 8 results  ongoing  protract  lengthy  chronic  persist  delay  prolong  longer  linger  fluctuat  continual  continuing  continuous  permanent  <b>AND</b>  recover  convalescen</p> <p>Search 10 – title and abstract search – 3 results  aftercare  after care  functional status</p> <p>Search 11 – title only search – 3 results  daily living</p> <p>Search 12 – title only search – 25 results  protract  lengthy  chronic  persist  prolong  long  linger  fluctuat  continual  continuing  continuous  permanent  <b>AND</b>  physiolog neuro cardio gastro musculo renal kidney cognitive  cognition rheumatol dermatol skin haematol blood autonomic  nervous nervous otolaryngol laryngol otolog cerebro brain  vascular respirator lung pulmonary psycholog mental psychiatr  exertion debilit devitali enervat drain sleep weak tired frail sapp  strength confusion letharg fatigue tired weariness exhaust  malaise pain headache breathless breathing myalgia delirious</p>
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	<p>delirium appetite muscle muscular fitness memory stress  depress anxiety emotion cough fever temperatur pneumon  conjunctivit throat pharyngit dyspnea dyspnoea sick nausea  nauseous vomit diarrhoea diarrhea taste anosmia smell olfact  sweat dehydrat pyrexi nasal nose mucus ear hearing deaf  cardiac thoracic chest ischemic ischaemic heart liver hepatic  immuno palpitation vertigo metabol</p> <p>Search 13 – title only search – 7 results  complication  consequence  complexit</p> <p><b>AND</b></p> <p>physiolog neuro cardio gastro musculo renal kidney cognitive  cognition rheumato dermatol skin haematol blood autonomic  nervous nervous otolaryngol laryngol otolog cerebro brain  vascular respirator lung pulmonary psycholog mental psychiatr  exertion debilit devitali enervat drain sleep weak tired frail sapp  strength confusion letharg fatigue tired weariness exhaust  malaise pain headache breathless breathing myalgia delirious  delirium appetite muscle muscular fitness memory stress  depress anxiety emotion cough fever temperatur pneumon  conjunctivit throat pharyngit dyspnea dyspnoea sick nausea  nauseous vomit diarrhoea diarrhea taste anosmia smell olfact  sweat dehydrat pyrexi nasal nose mucus ear hearing deaf  cardiac thoracic chest ischemic ischaemic heart liver hepatic  immuno palpitation vertigo metabol</p> <p>Search 14 – title only search – 13 results but none relevant  adverse  harmful  undesirable  damaging  detriment  abnormal</p> <p><b>AND</b></p> <p>physiolog neuro cardio gastro musculo renal kidney cognitive  cognition rheumato dermatol skin haematol blood autonomic  nervous nervous otolaryngol laryngol otolog cerebro brain  vascular respirator lung pulmonary psycholog mental psychiatr  exertion debilit devitali enervat drain sleep weak tired frail sapp  strength confusion letharg fatigue tired weariness exhaust  malaise pain headache breathless breathing myalgia delirious  delirium appetite muscle muscular fitness memory stress  depress anxiety emotion cough fever temperatur pneumon  conjunctivit throat pharyngit dyspnea dyspnoea sick nausea  nauseous vomit diarrhoea diarrhea taste anosmia smell olfact  sweat dehydrat pyrexi nasal nose mucus ear hearing deaf  cardiac thoracic chest ischemic ischaemic heart liver hepatic  immuno palpitation vertigo metabol</p>
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## TRIP database

Name	TRIP database
URL	<a href="http://www.tripdatabase.com/">http://www.tripdatabase.com/</a>
Date searched	28 October 2020
How the results were selected	This was intended to be a top up of the scoping search. Did not include related guidelines from other organisations that had previously been used for the background scoping search. Did not include clinical trial registries or protocols without data. Did not include PROSPERO records or other protocols for ongoing systematic reviews.
Search strategies	<p>Search 1 – reviewed 9 results – 1 selected  longcovid* or "long covid*" or longcoronavirus* or longcoronavirinae or "long coronavirinae" or longCov or "long Cov" or longsars or "long sars" or "long severe acute respiratory syndrome"</p> <p>Search 2 – reviewed 75 results – 2 selected  postcovid* or "post covid*" or postcoronavirus* or postcoronavirinae or "post coronavirinae" or postCov or "post Cov" or postsars or "post sars"</p> <p>Search 3 – reviewed 83 results – 6 selected  (coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND nonrecover* or "non recover*" or subacute* or "sub acute*" or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*")</p> <p>Search 4 – reviewed 9 results – 2 selected  ("ongoing symptom" or "persistent symptom") from:2020 AND title:(covid coronavirus or COVID19 or SARSCoV2 or SARSCov19)</p> <p>Search 5 – reviewed 42 results – 7 selected  title:(coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND (rehabilitation or recuperation or convalescence or recovery or complication)</p> <p>Search 6 – reviewed 52 results – 0 selected  (coronavirus or COVID19 or SARSCoV2 or SARSCov19) AND ("daily activities" or "functional status" "after care" or aftercare)</p>
Results	18 in total from 6 searches downloaded as 7 RIS files

## World Health Organization COVID-19 database

Name	World Health Organization Global research on coronavirus disease (COVID-19)
URL	<a href="https://www.who.int/emergencies/diseases/novel-coronavirus-2019/global-research-on-novel-coronavirus-2019-ncov">https://www.who.int/emergencies/diseases/novel-coronavirus-2019/global-research-on-novel-coronavirus-2019-ncov</a>
Date searched	27 October 2020
Background	"WHO is gathering the latest scientific findings and knowledge on coronavirus disease (COVID-19) and compiling it in a database. We update the database daily from searches of bibliographic databases, hand searches of the table of contents of relevant journals, and the addition of other relevant scientific articles that come to our attention."
How the results were selected	Ran a series of 6 separate searches and added the results to marked list then downloaded a single RIS file. Only included studies with results. Did not include clinical trial registries or protocols without data.
Search strategies	<p>Search 1 – 157 results  longcovid* or "long covid*" or longcoronavirus* or longcoronavirinae or "long coronavirinae" or longCov or "long Cov" or longsars or "long sars" or "long severe acute respiratory syndrome" or postcovid* or "post covid*" or postcoronavirus* or postcoronavirinae or "post coronavirinae" or postCov or "post Cov" or postsars or "post sars" or "daily activities" or "functional status" or "after care" or aftercare</p> <p>Search 2 – title only search – 106 results  nonrecover* or "non recover*" or subacute* or "sub acute*" or postacute* or "post acute*" or postdischarg* or "post discharg*" or postinfect* or "post infect*" or postviral* or "post viral*" or postvirus* or "post virus*"</p> <p>Search 3 – 29 results  sequelae</p> <p>Search 4 – 1 result  (ongoing or persistent) and symptom</p> <p>Search 5 – 1 results  (rehabilitation or recuperation or convalescence or recovery or complication) and ongoing</p> <p>Search 6 – 9 results  postcovid* or "post covid*" or postcoronavirus* or postcoronavirinae or "post coronavirinae" or postCov or "post Cov" or postsars or "post sars"</p>
Results	303 in total from 4 searches downloaded as 6 RIS files

## Other sources

### Reference checking

Results	338 results in total from, three processes. The first obtained 68 results from checking 4 base papers in Web of Science. The second had 268 results from a series of manual checks of 13 base papers. The third had 2 results from a manual check of a living review.
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### Search 1

Name	Web of Science
Date searched	27 October 2020
Sources used	Web of Science Core Collection (1990-present) <ul style="list-style-type: none"> <li>• Science Citation Index Expanded (1990-present)</li> <li>• Social Sciences Citation Index (1990-present)</li> <li>• Arts &amp; Humanities Citation Index (1990-present)</li> <li>• Emerging Sources Citation Index (2015-present)</li> </ul>
How results were managed	Only those references that could be accessed through the NICE subscription to WOS were added to the search results. Duplicates were removed from the marked list in WOS before downloading the results.
How the results were selected	Only included studies with results. Did not include clinical trial registries or protocols without data. Did not include methods guides (e.g. Euclidean distance-based matching procedure for non-randomized 308 comparison studies), background information or general epidemiology
How the base papers were identified	Manually reviewed the complications section and obtained its references: BMJ Best Practice Coronavirus disease 2019 (COVID-19) – Complications – Post-acute COVID-19 (long COVID) <a href="https://bestpractice.bmj.com/topics/en-gb/3000201/complications">https://bestpractice.bmj.com/topics/en-gb/3000201/complications</a> Last update 20 October 2020
Base papers used	Greenhalgh T, Knight M, A’Court C, et al. Management of post-acute covid-19 in primary care. BMJ. 2020 Aug 11;370:m3026. <a href="https://www.bmj.com/content/370/bmj.m3026">https://www.bmj.com/content/370/bmj.m3026</a> Mahase E. Covid-19: what do we know about “long covid”? BMJ. 2020 Jul 14;370:m2815. <a href="https://www.bmj.com/content/370/bmj.m2815">https://www.bmj.com/content/370/bmj.m2815</a> Carfi A, Bernabei R, Landi F, et al. Persistent symptoms in patients after acute COVID-19. JAMA. 2020 Jul 9 <a href="https://jamanetwork.com/journals/jama/fullarticle/2768351">https://jamanetwork.com/journals/jama/fullarticle/2768351</a> Tenforde MW, Kim SS, Lindsell CJ, et al. Symptom duration and risk factors for delayed return to usual health among outpatients with COVID-19 in a multistate health care systems network: United States, March-June 2020. MMWR Morb Mortal Wkly Rep. 2020 Jul 31;69(30):993-8. <a href="https://www.cdc.gov/mmwr/volumes/69/wr/mm6930e1.htm">https://www.cdc.gov/mmwr/volumes/69/wr/mm6930e1.htm</a>
Results	68

## Search 2

Date searched	27 October 2020
How results were managed	The references from the 13 base papers were checked on screen and added to a RIS file via Zotero.
How the results were selected	Only included studies with results. Did not include clinical trial registries or protocols without data. Did not include methods guides, background information or general epidemiology. Did not include anything that was known to have already been retrieved by the earlier searches.
How the base papers were identified	The initial set of papers was taken from the scoping search. An additional set was identified as the key literature by the review team (on 23/10/2020)
Results	268 in total
Base papers	<p>Del Rio C et al. (5 Oct 2020) Long-term Health Consequences of COVID-19. <i>JAMA</i>. <a href="https://jamanetwork.com/journals/jama/fullarticle/2771581">https://jamanetwork.com/journals/jama/fullarticle/2771581</a> 7 results 20-10-22 Reference Check-DelRio 1-7</p> <p>De Sire A et al. (1 Oct 2020) Rehabilitation and COVID-19: the Cochrane Rehabilitation 2020 rapid living systematic review. Update as of August 31st, 2020. <i>European Journal of Physical and Rehabilitation Medicine</i> DOI: <a href="https://doi.org/10.23736/S1973-9087.20.06614-9">10.23736/S1973-9087.20.06614-9</a> 42 results 20-10-22 Reference Check DeSire 1-42</p> <p>Halpin SJ et al. (2020) Postdischarge symptoms and rehabilitation needs in survivors of COVID-19 infection: a cross-sectional evaluation. <i>J Med Virol</i>. <a href="https://doi.org/10.1002/jmv.26368">https://doi.org/10.1002/jmv.26368</a> 14 results 20-10-22 Reference Check-Halpin 1-14</p> <p>Kingstone T et al. (13 Oct 2020) Finding the 'right' GP: a qualitative study of the experiences of people with long-COVID. <i>BJGP Open</i> 10.3399/bjgpopen20X101143 13 results 20-10-22 Reference Check-Kingstone 1-13</p> <p>Ladds E et al. (2020) Persistent symptoms after Covid-19: qualitative study of 114 "long Covid" patients and draft quality criteria for services. <i>medRxiv</i> 2020.10.13.20211854; doi: <a href="https://doi.org/10.1101/2020.10.13.20211854">https://doi.org/10.1101/2020.10.13.20211854</a> 13 results 20-10-22 Reference Check-Ladds 1-13</p> <p>Leung TYM, et al. (2020) Short- and potential long-term adverse health outcomes of COVID-19: a rapid review. <i>Emerging Microbes &amp; Infections</i>, 9:1, 2190-2199, DOI: <a href="https://doi.org/10.1080/22221751.2020.1825914">10.1080/22221751.2020.1825914</a> 56 results 20-10-22 Reference Check-Leung 1-56</p> <p>New South Wales Government (August 2020) Medium- and long-term health sequelae of COVID-19 <a href="https://www.aci.health.nsw.gov.au/_data/assets/pdf_file/0005/600458/20200826-Evidence-check-long-term-sequelae-of-Covid-19.pdf">https://www.aci.health.nsw.gov.au/_data/assets/pdf_file/0005/600458/20200826-Evidence-check-long-term-sequelae-of-Covid-19.pdf</a> 28 results 20-10-22 Reference Check-NSW 1-28</p>



	<p>NIHR (15 Oct 2020) Living with Covid19  <a href="https://evidence.nihr.ac.uk/themedreview/living-with-covid19/">https://evidence.nihr.ac.uk/themedreview/living-with-covid19/</a>  10 results  20-10-22 Reference Check-NIHR 1-10</p> <p>Set C (22 Oct 2020) Long Covid: what is it, and what is needed?  [Received in confidence]  13 results  20-10-26 Reference Check SetC 1-13</p> <p>Sheehy L (May 2020) Considerations for Postacute Rehabilitation for Survivors of COVID-19. <i>JMIR Public Health and Surveillance</i>, 6 (2); e19462  35 results  20-10-22 Reference Check Sheehy 1-35</p> <p>Shubh M (2020) An Analysis of Self-reported Longcovid Symptoms on Twitter. <i>medRxiv</i>, doi: <a href="https://doi.org/10.1101/2020.08.14.20175059">https://doi.org/10.1101/2020.08.14.20175059</a>  5 results  20-10-22 Reference Check-Shubh 1-5</p> <p>Sudre C et al. (2020) Attributes and predictors of Long-COVID: analysis of COVID cases and their symptoms collected by the Covid Symptoms Study App.<i>medRxiv</i>, 10.1101/2020.10.19.20214494  12 results  20-10-22 Reference Check-Steves 1-12</p> <p>Varatharaj A et al. (1 Oct 2020) Neurological and neuropsychiatric complications of COVID-19 in 153 patients: a UK-wide surveillance study. <i>Lancet</i>, 7(10) 875-882.  20 results  20-10-22 Reference Check- Varatharaj 1-20</p>
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### Search 3

Purpose	Manual check of a review already identified in the main search to ensure latest version captured. Nakayama is a reference in Andrenelli.
Results	2
	<p>Andrenelli E; Negrini F; De Sire A; Patrini M; Lazzarini SG; Ceravolo MG (2020) Rehabilitation and COVID-19: a rapid living systematic review 2020 by Cochrane Rehabilitation Field. Update as of September 30th, 2020. <i>European Journal of Physical and Rehabilitation Medicine</i>.</p> <p>Nakayama A; Takayama N; Kobayashi M; Hyodo K; Maeshima N; Takayuki F; Morita H; Komuro I (2020) Remote cardiac rehabilitation is a good alternative of outpatient cardiac rehabilitation in the COVID-19 era. <i>Environmental Health and Preventive Medicine</i> vol. 25 (no. 1)</p>

## Surveillance records

Purpose	Surveillance start to monitor topics before they are developed. This is to ensure that all of the Surveillance papers have been accounted for in the development of the rapid guideline.
Search	The codeset was established on Thu 8 October 2020 using these search terms: Time factors: post; chronic; long; longer; discharge; lasting; prolong*;persist*;ongoing;continu*;follow* Condition: Long covid, longcovid, post-covid, post-acute, post-infectious, post-discharge, complication*, sequelae, consequence* Other: Rehabilitation, follow up, recover*
Action	All of the results in this codeset were downloaded as a RIS file on Monday 26 October 2020. The last date of update in EPPI was Friday 23 October 2020.
EPPI Source	Note: when the RIS file was uploaded the source drop down was left blank. Therefore any items from this source will be marked with the original source that was used in the dropdown list when it was originally added to Surveillance Master. [A new source was added to EPPI after this so they could be marked as a surveillance set]
Results	72 items added

## Scoping searches

Purpose	Downloaded the set of records created at the scoping stage to ensure they had all been retrieved again. NOTE that the scoping search results for background information and related guidelines were not required in this search, as agreed with the review team.
Search	The original searches had included BMJ Best Practice, Cochrane COVID-19 Study Register Google Scholar, NICE Evidence Search, pre-prints, reference checking, surveillance and WHO COVID-19
Action	Downloaded all results from the EPPI file ID1522
Results	139

## Scoping searches for related guidelines, reviews and treatments

NOTE: these scoping searches for guidelines, reviews and treatments were not conducted as part of the main search and did not form part of the 4014 results. They are reported here as they were used to inform the main search (e.g. developing the test set).

## Guidelines

Date of search	8-9 and 12 October 2020
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Guidance	
Name	Association of American Medical colleges coronavirus (COVID-19) clinical guidance repository
URL	<a href="https://www.aamc.org/coronavirus-covid-19-clinical-guidance-repository">https://www.aamc.org/coronavirus-covid-19-clinical-guidance-repository</a>
Results	John Hopkins Medicine (2020) Post Acute COVID Team (PACT) Service Standards. A Pulmonary Critical Care Medicine, Physical Medicine & Rehabilitation, Home Care Group Collaborative <a href="https://www.aamc.org/system/files/2020-07/hca-clinicalguidance-Johns%20Hopkins%20Medicine%20Discharge%20Guidance%20for%20Patients%20with%20Severe%20Illness-7-14-20.pdf">https://www.aamc.org/system/files/2020-07/hca-clinicalguidance-Johns%20Hopkins%20Medicine%20Discharge%20Guidance%20for%20Patients%20with%20Severe%20Illness-7-14-20.pdf</a>

<b>Guidance</b>	
Name	Australian National COVID-19 Clinical Evidence Taskforce
URL	<a href="https://covid19evidence.net.au/">https://covid19evidence.net.au/</a>
Results	Section 4.1 covers definitions of disease severity but not long covid.

<b>Guidance</b>	
Name	Centers for Disease Control and Prevention (CDC) [US]
URL	<a href="https://www.cdc.gov/coronavirus/2019-nCoV/hcp/index.html">https://www.cdc.gov/coronavirus/2019-nCoV/hcp/index.html</a>
Results	Added to EPPI

<b>Guidelines website</b>	
Name	ECRI Guidelines Trust
URL	<a href="https://www.ecri.org/coronavirus-covid-19-outbreak-preparedness-center">https://www.ecri.org/coronavirus-covid-19-outbreak-preparedness-center</a>
Search terms	Consider using the site for other international guidance on the background to the topic or related issues if there is time. There is a COVID-19 section that you can browse.
Results	Taiwan Academy of Cardiovascular and Pulmonary Rehabilitation (Aug 2020) Rehabilitation programs for patients with COroNaVirus Disease 2019: consensus statements of Taiwan Academy of Cardiovascular and Pulmonary Rehabilitation, Journal of the Formosan Medical Association <a href="https://www.sciencedirect.com/science/article/pii/S0929664620303892">https://www.sciencedirect.com/science/article/pii/S0929664620303892</a>  Defence Medical Rehabilitation Centre (May 2020) The Stanford Hall consensus statement for post-COVID-19 rehabilitation <a href="https://bjsm.bmj.com/content/bjsports/early/2020/05/31/bjsports-2020-102596.full.pdf">https://bjsm.bmj.com/content/bjsports/early/2020/05/31/bjsports-2020-102596.full.pdf</a>

<b>Guidance</b>	
Name	European Centre for Disease Prevention and Control
URL	<a href="https://www.ecdc.europa.eu/en">https://www.ecdc.europa.eu/en</a>
Results	-

<b>Guidance</b>	
Name	Health Information and Quality Authority (Ireland) Database of public health guidance on COVID-19
URL	<a href="https://www.hiqa.ie/reports-and-publications/health-technology-assessment/covid-19-public-health-guidance-database">https://www.hiqa.ie/reports-and-publications/health-technology-assessment/covid-19-public-health-guidance-database</a>
How the results were selected	Browsed all of the relevant tabs.
Results	-

<b>Guidance</b>	
Name	World Health Organization Country & Technical Guidance - Coronavirus disease (COVID-19)
URL	<a href="https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance">https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance</a>
Results	WHO (Sept 2020) What we know about Long-term effects of COVID-19: the latest on the covid-19 global situation & long-term sequelae <a href="https://www.who.int/docs/default-source/coronaviruse/risk-comms-updates/update-36-long-term-symptoms.pdf?sfvrsn=5d3789a6_2">https://www.who.int/docs/default-source/coronaviruse/risk-comms-updates/update-36-long-term-symptoms.pdf?sfvrsn=5d3789a6_2</a>

<b>List of COVID-19 guidance</b>	
Name	Resources from Royal Colleges and other professional bodies on COVID-19 – produced by the HEE Knowledge Management Team
URL	<a href="https://healtheducationengland.sharepoint.com/:w:/s/KMTeam/EWwM4EKrAA5ErfuWdBfKk6EBzGKnumeKNLSIKMQcwezSuw?e=pdfor0&amp;CI">https://healtheducationengland.sharepoint.com/:w:/s/KMTeam/EWwM4EKrAA5ErfuWdBfKk6EBzGKnumeKNLSIKMQcwezSuw?e=pdfor0&amp;CI</a>

	<a href="https://doi.org/10.1093/ajph/2020.10.1982">D=C05EE270-6ADA-4484-B25C-BC699E775D78&amp;wdLOR=c209BAB2D-3952-401F-9082-4C57BA543729</a>
Notes	Last updated 5 Oct 2020
Results	<p>Royal College of Physicians of Edinburgh (June 2020) Guidance on screening and active monitoring for post-traumatic stress disorder (PTSD) and other mental health consequences in people recovering from severe COVID-19 illness  <a href="https://www.rcpe.ac.uk/sites/default/files/library_papers/covid_trauma_response_working_group_rapid_guidance.pdf">https://www.rcpe.ac.uk/sites/default/files/library_papers/covid_trauma_response_working_group_rapid_guidance.pdf</a></p> <p>Chartered Society of Physiotherapists (May 2020) Rehabilitation Standards. Rehabilitation of adults who are hospitalised due to Covid-19: physiotherapy service delivery.  <a href="https://www.csp.org.uk/system/files/publication_files/001745_Covid-19%20Rehab%20Standards.pdf">https://www.csp.org.uk/system/files/publication_files/001745_Covid-19%20Rehab%20Standards.pdf</a></p> <p>British Psychological Society (Sept 2020) The importance of community action and community resilience in the response to Covid-19  <a href="https://www.bps.org.uk/sites/www.bps.org.uk/files/Policy/Policy%20-%20Files/Community%20action%20and%20resilience%20in%20response%20to%20Covid-19.pdf">https://www.bps.org.uk/sites/www.bps.org.uk/files/Policy/Policy%20-%20Files/Community%20action%20and%20resilience%20in%20response%20to%20Covid-19.pdf</a></p> <p>Local Government Association, Association of Directors of Public Health (May 2020) Public mental health and wellbeing and COVID-19  <a href="https://local.gov.uk/public-mental-health-and-wellbeing-and-covid-19">https://local.gov.uk/public-mental-health-and-wellbeing-and-covid-19</a></p> <p>Royal College of Occupational Therapists (April 2020) RCOT Informed View: rehabilitation  <a href="https://www.rcot.co.uk/file/6611/download?token=53t5UktU">https://www.rcot.co.uk/file/6611/download?token=53t5UktU</a></p> <p>Royal College of Speech and Language Therapists (May 2020) COVID-19 speech and language therapy rehabilitation pathway Part of the Intensive Care Society Rehabilitation Working Party  <a href="https://www.rcslt.org/-/media/rcslt-covid-19-slt-rehab-pathway.pdf?la=en&amp;hash=B59AD546C6E368A34D7AA63165DC568C65428B2C">https://www.rcslt.org/-/media/rcslt-covid-19-slt-rehab-pathway.pdf?la=en&amp;hash=B59AD546C6E368A34D7AA63165DC568C65428B2C</a></p>

## Reviews

Date of search	8-9 and 12 October 2020
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Website	
Name	Centre for Evidence-based medicine (CEBM) COVID-19 Evidence Service
URL	<a href="https://www.cebm.net/oxford-covid-19/">https://www.cebm.net/oxford-covid-19/</a>
Results	Centre for Evidence-based medicine (CEBM) (Apr 2020) Practical tips for clinicians helping patients with COVID-related anxiety/distress <a href="https://www.cebm.net/covid-19/practical-tips-for-clinicians-helping-patients-with-covid-related-anxiety-distress/">https://www.cebm.net/covid-19/practical-tips-for-clinicians-helping-patients-with-covid-related-anxiety-distress/</a>

Website	
Name	Epistemonikos
URL	<a href="https://www.epistemonikos.cl/all-about-covid-19/">https://www.epistemonikos.cl/all-about-covid-19/</a>
How the results were selected	Searched for long covid, longcovid, chronic fatigue, post discharge, post acute, sequelae, longhaul, long haul, persistent symptoms.
Results	Added to Zotero

## Treatments

Date of search	8-9 and 12 October 2020
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Website	
Name	Agency for Care Effectiveness Singapore
URL	<a href="http://www.ace-hta.gov.sg/covid-19-resources.html">http://www.ace-hta.gov.sg/covid-19-resources.html</a>
Results	-

Website	
Name	BMJ Best Practice Coronavirus disease 2019 (COVID-19)
URL	<a href="https://bestpractice.bmj.com/topics/en-gb/3000168">https://bestpractice.bmj.com/topics/en-gb/3000168</a>
Results	Important section under Follow Up>Complications>Post acute COVID-19 Long COVID <a href="https://bestpractice.bmj.com/topics/en-gb/3000201/complications">https://bestpractice.bmj.com/topics/en-gb/3000201/complications</a>

Guidance	
Name	Brigham and Women's Hospital COVID-19 Clinical Guidelines:
URL	<a href="https://covidprotocols.org/protocols/therapeutics">https://covidprotocols.org/protocols/therapeutics</a>
Results	The psychiatry section covers PTSD and other potentially relevant topics.

Website	
Name	Canadian Agency for Drugs and Technologies in Health (CADTH)
URL	<a href="https://covid.cadth.ca/">https://covid.cadth.ca/</a>
Results	-

Website	
Name	COVID-19 living evidence project
URL	<a href="https://covid-nma.com/living_data/index.php">https://covid-nma.com/living_data/index.php</a>
Results	-

Guidance	
Name	Infectious Diseases Society of America Guidelines on the Treatment and Management of Patients with COVID-19
URL	<a href="https://www.idsociety.org/practice-guideline/covid-19-guideline-treatment-and-management/">https://www.idsociety.org/practice-guideline/covid-19-guideline-treatment-and-management/</a>
Results	-

Guidance	
Name	National Institute for Health (NIH) resources Therapeutic Options for COVID-19 Currently Under Investigation (including) Coronavirus Disease 2019 (COVID-19) Treatment Guidelines
URL	<a href="https://www.covid19treatmentguidelines.nih.gov/">https://www.covid19treatmentguidelines.nih.gov/</a>
Results	-

Guidance	
Name	National Centre for Pharmacoeconomics - Ireland
URL	<a href="http://www.ncpe.ie/research/covid-19/">http://www.ncpe.ie/research/covid-19/</a>
Results	-

Guidance	
Name	Norwegian Institute of Public health – map of COVID-19 evidence
URL	<a href="https://www.fhi.no/en/qk/systematic-reviews-hta/map">https://www.fhi.no/en/qk/systematic-reviews-hta/map</a>
Results	-

<b>Guidance</b>	
Name	WHO (27 May 2020) Clinical management of COVID-19 interim guidance
URL	<a href="https://www.who.int/publications/i/item/clinical-management-of-covid-19">https://www.who.int/publications/i/item/clinical-management-of-covid-19</a>
Results	-

## Search development

### Background

This search was developed in compliance with [section 8](#) of Appendix L of the NICE manual. NICE (17 July 2020) [Developing NICE guidelines: the manual. Process and methods \[PMG20\]. Appendix L: Interim process and methods for guidelines developed in response to health and social care emergencies](#)

### Limits

The MEDLINE and Embase limits to remove animal studies are the standard NICE practice, which has been adapted from:

Dickersin, K., Scherer, R., & Lefebvre, C. (1994). [Systematic Reviews: Identifying relevant studies for systematic reviews](#). *BMJ*, 309(6964), 1286

Limits to exclude letters and editorials were applied in adherence to standard NICE practice and the review protocol.

### EPPI-Reviewer and deduplication

The search results were managed in EPPI-Reviewer v5.

Duplicates were removed in EPPI-R5 using a two-step process. First, automated deduplication is performed using a high-value algorithm. Second, manual deduplication is used to assess 'low-probability' matches. All decisions made for the review can be accessed via the deduplication history.

The results were added to EPPI and deduplicated in stages so that the screening could start quickly.

Sources added to EPPI	Date added	Before deduplication	After deduplication
Surveillance, BMJ Best Practice, Reference checking	26/10/2020	413	354
MEDLINE, Embase, PsycINFO, CINAHL, Central	27/10/2020	5331	3444
Cochrane Register, Epistemonikos, Scholar, NICE Evidence, TRIP, WHO, Scoping	27/10/2020	4410	3914
Top Up 1	28/10/2020	3999	3950
Top Up 2	29/10/2020	4291	4102
	05/11/2020	4104	4104

### Quality assurance

A NICE information specialist conducted the literature searches for the evidence review.

The MEDLINE strategy below was quality assured (QA) by trained member of the same IS team. All translated search strategies were peer reviewed to ensure their accuracy. Both procedures were adapted from the [2016 PRESS Checklist](#).

## Search narrative

The search strategy is designed with three concepts.

- The first includes terms to describe long covid and alternative names for the condition or syndrome.
- The second briefly covers some of the settings in which long covid might be encountered, where the setting implies that the person is being treated for the long-term effects of COVID-19. This covers, for example, rehabilitation: this is an attempt to describe the condition, it is not intended to retrieve evidence on rehabilitation of long COVID. This is why the search does not cover the settings where post-COVID-19 syndrome might be diagnosed or treated (e.g. primary care) or the services that might be used to treat people (e.g. speech therapy or occupational therapy). The settings are a proxy for the population!
- The third set of terms covers the signs and symptoms that might indicate the presence of post-COVID-19 syndrome. This is a non-exhaustive list and the terms have been combined in precise ways, in an attempt to distinguish the papers covering the acute phase of COVID-19. Precision was maintained by mainly using free-text terms (plus some MeSH terms that had been used to index the Greenhalgh paper). The equivalent MeSH terms could not be used without retrieving unmanageable volumes, as they did not imply long-term effects (and terms for long-term effects had already been incorporated). Including the MeSH terms would also have essentially repeated the search for NG163 on the acute phase.

The scoping searches were used to develop a test set in MEDLINE, from which suggested MeSH terms and free text could be obtained. The test set (listed below) was used to validate the MEDLINE and Embase strategies.

The initial draft of the MEDLINE search had 3000 results and it was estimated this would retrieve 9000 from MEDLINE and Embase. A new, more precise version of the search was written, which gave 1800 in MEDLINE and a combined total of 5000. The focussed changes included removing the exp from the MeSH term rehabilitation (as this was being used as a population rather than an intervention concept) and, in the free text on line 26, changing "long term complications" to "long term adverse complications". All 14 of the test papers were still retrieved when the more precise search was used.

This search does not cover the long-term effects where there is an existing treatment pathway or the long-term impact of treatment for acute COVID-19. This is in line with the scope. For example, the search does not cover post-intensive care syndrome or acute kidney injury caused by treatment for COVID-19. The search also does not cover pre-existing comorbidities that the patient might have, for example diabetes.

The terms to describe COVID-19 and SARS-COV-2 were taken from the NICE searches developed for these rapid guidelines. Version 9 for MEDLINE was updated on Friday 22 May 2020. These terms were developed in March 2020 from a list obtained from the Public Health England [Library & Knowledge Services](#). This strategy was aiming for precision and so it used the main terms, rather than the broader set of terms in v9 of the original search that are used to identify papers from early in the pandemic that refer to an outbreak of pneumonia in Wuhan.

The COVID and SARS terms were repeated throughout the search to increase precision. This is not a conventional approach but testing it with a single set retrieved double the number of results. These terms are more precise because they use adjacency, rather than using AND to combine the sets. The operator adj10 was used to mean the words should be within 10 words of COVID or SARS, which would generally cover most titles and mean they would appear in the same paragraph in the abstract. This set could probably have been made more precise but there was not time to do further testing to establish the essential terms (e.g. covid-19 was essential, coronavirinae might have been required and "2019-nCoV\*" was less likely to have been helpful.

Strategies were checked in the [Health Education England Library and Knowledge Services COVID-19 Search Bank](#), [CADTH COVID-19 Search Strings](#), [Health Libraries Australia](#)



[COVID-19 Live Literature Searches](#) and [Medical Library Association COVID-19 Literature Searches](#) on 14 October 2020. There were no pre-existing strategies on the long-term effects of COVID-19 that could be adapted. Some of the strategies had looked at related concepts and suggested terms e.g. around rehabilitation.

NICE liaised with colleagues at PHE and obtained in confidence a scoping search they had used for a recent enquiry, which was helpful in suggesting a structure. Also checked the protocol to ISARIC [What are the long-term symptoms and complications of COVID-19: a protocol for a living systematic review](#) and the publication from New South Wales Government (26 August 2020) [Medium- and long-term health sequelae of COVID-19](#). The terms for adverse events (MEDLINE line 26) were based partly on [Asted Efets secondaires](#) (identified through the ISSG search filter resource). These searches could not be used directly but they suggested some terms that could be incorporated.

Previous NICE searches were checked for relevant terms to incorporate into this strategy. These included COVID-19 rapid guideline: managing symptoms (including at the end of life) in the community (NG163), the update to CG53, multimorbidity (NG56) and shared decision making (ongoing).

The review team confirmed on 23 October 2020 that the search should exclude letters and editorials; animal studies; and clinical trial registry entries or protocols without data. There were no language limits. There were no restrictions to remove conference abstracts from Embase.

There were no date limits. This was so that evidence would be retrieved on the long-term effects of SARs, should that be needed. MERS was not, however, added to the search to keep it focussed, as the scope was only interested in MERS where it is discussed in the context of COVID-19 and so it would be picked up by default.

## Top Up searches

Two top up searches were run to expand the list of signs and symptoms in line with the revised protocol. These changes should be incorporated into the main search if reruns are required.

## Database translations

The principal search strategy was developed in MEDLINE (Ovid interface) and adapted, as appropriate, for use in the other sources listed in the protocol, taking into account their size, search functionality and subject coverage.

PsycINFO and CINAHL were added to the list of sources as the review questions incorporate patient experience elements and we wanted to ensure coverage of the qualitative literature.

Changes were made in the CENTRAL strategy as truncation cannot be used within phrases. The NEXT command was used on the key line for long covid. The other lines were not translated directly given the time available and the low likelihood of finding relevant information in CENTRAL, as trials on long term effects are unlikely to have reported by this stage. Quick changes were made e.g. changing "non recover\*" to "non recovery" or "non recovering".

The web-based collections were searched as quickly as possible with an approximation of the strategy that picked out the search terms most likely to retrieve relevant papers. A [separate document](#) is available providing more detail on these strategies.

## Specific comments on the strategy

All references are to MEDLINE line numbers.

There is an uncorrected error on some lines that could not be corrected in the time available. It is not possible to use adjacency to connect three phrases on the Ovid platform. For example, on line 23 ("post acute" adj "out patient" adj "corona virus") would return zero results. It has been left in because other terms in this line are correct e.g. (postacute adj "out patient" adj "corona virus"). The adjacency is correct on line 6 as this does not include three phrases e.g. ("medium term" adj recover adj "corona virus"). Single words were used for all of the phrases for signs and symptoms on lines 27-29 e.g. nervous was used as well as "nervous system".

Line 1 – the terms are repeated on line 2 but this is a way to use the kw and kf fields in a controlled manner and it is useful to know how many papers use the phrase long covid.

Lines 2 and 3 are similar but the adjacency is broader in line 3. This was to control the numbers. False hits would come from long-term effects of lockdown, long-term impact on the economy or impact on long-term care facilities.

Line 2 – post acute, post viral and so on were used as "post\* adj covid" would have retrieved e.g. postmortem and brought in acute papers.

Line 4 – finds post-COVID-19 syndrome. There are not many results but it may become a more popular term if the NICE guidance uses it.

Line 2 and 5 – "ongoing" is used on 5 but not 2 to avoid retrieving papers about the "ongoing covid pandemic" or "while the pandemic is ongoing".

Line 10 – deliberately focused on title and does not include abstracts, as a pragmatic decision to control the volume.

Line 21 – this was inserted in later drafts as patients may identify and long haulers and the review team wanted to broaden coverage. This was done in a pragmatic, if somewhat unconventional way, as including the free-text on line 10 increased the number of false hits e.g. from studies on infection control and quarantining passengers from long-haul flights.

Line 25 – this line was focussed to avoid retrieving a lot of false hits on the effect of lockdown and quarantine etc. on daily life. Effects on education was added to the scope after the searches had been completed.

Lines 26 and 27 could have been combined but they were separated so that it was easier to add to the signs and symptoms set.

Line 29 – this is quite a broad line and it was included after consultation with the review team on the amount of screening that could be managed. There is some overlap with line 27. This line was required for full retrieval of the test set e.g. the Varatharaj paper would otherwise have been missed. Line 26 is focussed on ongoing effects (ongoing adj events adj sequela adj covid) while Line 27 relaxes this to remove the ongoing element but with a narrower list of terms for consequences (complications adj sequela adj covid).

Line 30 – multisystem inflammatory syndrome is a related condition that can be caused by COVID-19 but it is not part of this scope for post-COVID-19 syndrome and so was excluded in a pragmatic decision to help control numbers. This is a complicated line but it was tested as a series of separate lines before being combined to ensure the operators and brackets were correctly placed.

## Test set

- Butler M et al. (2020) Neuropsychiatric complications of covid-19. *BMJ*, 371: m3871.
- Carfi A, Bernabei R, Landi F, et al. (2020) Persistent symptoms in patients after acute COVID-19. *JAMA*, 324(6):603-605.
- Del Rio C et al. (5 Oct 2020) Long-term Health Consequences of COVID-19. *JAMA*, 10.1001/jama.2020.19719
- Greenhalgh T, Knight M, A'Court C, et al. (2020) Management of post-acute covid-19 in primary care. *BMJ*, 370: m3026.
- Halpin SJ et al. (2020) Postdischarge symptoms and rehabilitation needs in survivors of COVID-19 infection: A cross-sectional evaluation. *J Med Virol*. doi:10.1002/jmv.26368
- Klok F et al. (July 2020) The Post-COVID-19 Functional Status scale: a tool to measure functional status over time after COVID-19. *European Respiratory Journal*, 56(1).
- Mahase E. Covid-19: what do we know about “long covid”? *BMJ*. 2020 Jul 14;370:m2815.
- Moldofsky H et al. (2011) Chronic widespread musculoskeletal pain, fatigue, depression and disordered sleep in chronic post-SARS syndrome; a case-controlled study. *BMC Neuology*, 11: 37.
- Salawu A et al. (2020) A proposal for multidisciplinary tele-rehabilitation in the assessment and rehabilitation of COVID-19 survivors. *International Journal of Environmental Research and Public Health*, 17(13), 1-13.
- Sheehy L (May 2020) Considerations for Postacute Rehabilitation for Survivors of COVID-19. *JMIR Public Health and Surveillance*, 6 (2); e19462
- Tenforde MW, Kim SS, Lindsell CJ, et al. Symptom duration and risk factors for delayed return to usual health among outpatients with COVID-19 in a multistate health care systems network: United States, March-June 2020. *MMWR Morb Mortal Wkly Rep*. 2020 Jul 31;69(30):993-8.
- Varatharaj A et al. (1 Oct 2020) Neurological and neuropsychiatric complications of COVID-19 in 153 patients: a UK-wide surveillance study. *Lancet*, 7(10) 875-882.
- Wade D (July 2020) Rehabilitation after COVID-19: an evidence-based approach. *Clinical Medicine*, 20(4), 359-364.
- Zhao YM, Shang YM, Song WB, Li QQ, Xie H, Xu QF, et al. Follow-up study of the pulmonary function and related physiological characteristics of COVID-19 survivors three months after recovery. *EClinicalMedicine*. 2020:100463

## Template version control

1.14	21 October 2020	Epidemiology section updates: Updated link for DH&SC/PHE UK GOV no of cases Removed John Hopkins COVID-19 Map and replaced with the Univardis COVID-19 map
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