# Evidence Search Service Results of your search request:

## “Care/management /diagnostic tests/treatment for COVID-19 patients in outpatient setting”

**ID of request:** 23104; **Date of request:** 7th May, 2020; **Date of completion:** 10th May, 2020

If you would like to request any articles or any further help, please contact:  Adam Tocock at [adam.tocock@nhs.net](mailto:adam.tocock@nhs.net)

Please acknowledge this work in any resulting paper or presentation as: Evidence search: Outpatient care/management /diagnostic tests/treatment for COVID-19 patients in Outpatient setting.. Adam Tocock. (10th May, 2020). LONDON, UK: Barts Health Knowledge and Library Services.

**Date range used** (5 years, 10 years): -   
**Limits used** (gender, article/study type, etc.): research from 2019-   
**Search terms and notes**: Full search strategies are reported at the end of this document.

For more information about our resources please go to: <http://www.bartshealth.nhs.uk/library>.

## Summary of Results

This sensitive search retrieved little in the way of high-level evidence on outpatient management of COVID-19 patients following discharge (see UpToDate entry below), nor setting-up outpatient clinics specifically for this patient group. Limited primary research from China has been published though, such as results #s 3 and 4 below, and some rehabilitation-focused literature in outpatient settings from other countries is out there: please see results #s 5 and 10. A wider body of evidence – mostly primary research - exists detailing how different specialties have moved inpatient services to outpatient settings as a result of the COVID-19 pandemic (such as results #s 1 and 2 below), or how outpatient clinics are protecting against/preventing infection (such as result #6). Please get in touch if you would like to see more of these types of papers.

I have looked for COVID-19 specific evidence as requested, so have limited my search to as far back as 2019. If you would like to see evidence related to MERS or SARS or other infectious disease outbreaks from further back that may be useful then again please let me know and I will be happy to oblige.

There is also an increasing amount of literature relating to telehealth/virtual clinics and COVID-19: See [the Cochrane Collaboration’s special collection here](https://www.cochranelibrary.com/collections/doi/SC000043/full), and results 14 and 28 below. Again, just contact me if you would like to see more in this particular area.

As this is a quickly evolving area, we can set up an alert for you, so each week you receive an email bulletin with the latest news and research in this field laid out: please email if you would like to receive these.

## C. Search History

**NICE Evidence Search** at [www.evidence.nhs.uk](http://www.evidence.nhs.uk) searched using the terms *(covid\* or coronavirus\* or corona) and outpatient\** with [0 additional relevant results.](https://www.evidence.nhs.uk/search?from=01%2F01%2F2019&q=%28covid*+or+coronavirus*+or+corona%29+and+outpatient*&to=10%2F05%2F2020&Route=search&ps=100)

**Centre for Evidence Based Medicine** COVID-19 collection searched for the term *outpatient\**: <https://www.cebm.net/covid-19/> (0 results)

**LitCovid** searched for *outpatient\**: [https://www.ncbi.nlm.nih.gov/research/coronavirus/docsum?text=outpatient\*](https://www.ncbi.nlm.nih.gov/research/coronavirus/docsum?text=outpatient*) (0 additional results)

**HEE'S COVID-19 Search Bank** searched for the term *outpatient\**: <https://kfh.libraryservices.nhs.uk/covid-19-coronavirus/for-lks-staff/literature-searches/> (0 results)

**Knowledgeshare** searched for *COVID\* or Corona virus or coronavirus and outpatient\** (0 results).

**BMJ Best Practice** and **Dynamed** COVID-19 topics searched for *outpatient\** (0 additional results).

## Google searched for any NHS outpatient clinics for COVID-19 patients using the terms [*nhs covid-19 "outpatient clinic" discharge*](https://www.google.co.uk/search?ei=MSa4XoShFYiP8gK_krAw&q=nhs+covid-19+%22outpatient+clinic%22+discharge&oq=nhs+covid-19+%22outpatient+clinic%22+discharge&gs_lcp=CgZwc3ktYWIQA1CFGFj7KGClNWgAcAB4AIABXogB1QGSAQEzmAEAoAEBqgEHZ3dzLXdpeg&sclient=psy-ab&ved=0ahUKEwjE_Zmm1qnpAhWIh1wKHT8JDAYQ4dUDCAs&uact=5)

**Cochrane Library** searched (with 0 additional relevant results):

#1    MeSH descriptor: [Coronavirus] explode all trees    13  
#2    (corona or coronavir\* or covid\* or ncov OR novel betacov OR novel betacoronavirus):ti,ab,kw (Word variations have been searched)    774  
#3    MeSH descriptor: [Coronavirus Infections] explode all trees    131  
#4    #1 or #2 or #3    783  
#5    ("care in the community"):ti,ab,kw (Word variations have been searched)    80  
#6    ((follow\* OR after\* OR post) NEAR/3 discharg\*):ti,ab,kw (Word variations have been searched)    11516  
#7    ((outpatient\* OR "out patients"  OR "out patient" OR ambulatory) NEAR/3 (service\* OR clinic\* OR department\* OR "care facility" OR "care facilities" OR care OR manag\* OR test\* OR treat\* OR therap\*)):ti,ab,kw (Word variations have been searched)    23699  
#8    MeSH descriptor: [Outpatients] explode all trees    1169  
#9    MeSH descriptor: [Ambulatory Care] explode all trees    3591  
#10    MeSH descriptor: [Ambulatory Care Facilities] explode all trees    1806  
#11    #5 or #6 or #7 or #8 or #9 or #10    36074  
#12    #4 and #11    33

|  | **Source** | **Criteria** | **Results** |
| --- | --- | --- | --- |
| 1. | Medline | ("COVID-19" OR Coronavirus OR "Corona virus" OR "2019-nCoV" OR "SARS-CoV" OR "MERS-CoV" OR "Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome").ti,ab | 23049 |
| 2. | Medline | (covid OR covid19 OR covid2019 OR novel coronavirus OR ncov OR 2019-ncov OR novel betacov OR novel betacoronavirus).ti,ab | 10456 |
| 3. | Medline | (covid\* OR corona OR coronavir\*).ti,ab | 27531 |
| 4. | Medline | exp CORONAVIRUS/ | 13072 |
| 5. | Medline | exp "CORONAVIRUS INFECTIONS"/ | 11624 |
| 6. | Medline | (1 OR 2 OR 3 OR 4 OR 5) | 36222 |
| 7. | Medline | exp "AMBULATORY CARE"/ OR exp OUTPATIENTS/ | 66583 |
| 8. | Medline | exp "AMBULATORY CARE FACILITIES"/ OR exp "OUTPATIENT CLINICS, HOSPITAL"/ | 54421 |
| 9. | Medline | ((outpatient\* OR "out patient\*" OR ambulatory) ADJ3 (service\* OR clinic\* OR department\* OR "care facilit\*" OR care OR manag\* OR "diagnostic test\*" OR treat\* OR therap\*)).ti,ab | 109518 |
| 10. | Medline | ("care in the community").ti,ab | 1047 |
| 11. | Medline | ((follow\* OR after\* OR post) ADJ (discharg\* OR "hospital discharg\*")).ti,ab | 35932 |
| 12. | Medline | (7 OR 8 OR 9 OR 10 OR 11) | 229998 |
| 13. | Medline | (6 AND 12) | 252 |
| 14. | CINAHL | ("COVID-19" OR Coronavirus OR "Corona virus" OR "2019-nCoV" OR "SARS-CoV" OR "MERS-CoV" OR "Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome").ti,ab | 3870 |
| 15. | CINAHL | (covid OR covid19 OR covid2019 OR novel coronavirus OR ncov OR 2019-ncov OR novel betacov OR novel betacoronavirus).ti,ab | 524 |
| 16. | CINAHL | (covid\* OR corona OR coronavir\*).ti,ab | 3681 |
| 17. | CINAHL | exp CORONAVIRUS/ | 833 |
| 18. | CINAHL | exp "CORONAVIRUS INFECTIONS"/ | 3096 |
| 19. | CINAHL | (14 OR 15 OR 16 OR 17 OR 18) | 6228 |
| 20. | CINAHL | exp "AMBULATORY CARE"/ OR exp OUTPATIENTS/ | 62287 |
| 21. | CINAHL | exp "AMBULATORY CARE FACILITIES"/ OR exp "OUTPATIENT CLINICS, HOSPITAL"/ | 15861 |
| 22. | CINAHL | ((outpatient\* OR "out patient\*" OR ambulatory) ADJ3 (service\* OR clinic\* OR department\* OR "care facilit\*" OR care OR manag\* OR "diagnostic test\*" OR treat\* OR therap\*)).ti,ab | 42980 |
| 23. | CINAHL | ("care in the community").ti,ab | 3553 |
| 24. | CINAHL | ((follow\* OR after\* OR post) ADJ (discharg\* OR "hospital discharg\*")).ti,ab | 16289 |
| 25. | CINAHL | (20 OR 21 OR 22 OR 23 OR 24) | 123735 |
| 26. | CINAHL | (19 AND 25) | 82 |
| 27. | CINAHL | (19 AND 26) | 82 |
| 28. | EMBASE | ("COVID-19" OR Coronavirus OR "Corona virus" OR "2019-nCoV" OR "SARS-CoV" OR "MERS-CoV" OR "Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome").ti,ab | 21575 |
| 29. | EMBASE | (covid OR covid19 OR covid2019 OR novel coronavirus OR ncov OR 2019-ncov OR novel betacov OR novel betacoronavirus).ti,ab | 7483 |
| 30. | EMBASE | (covid\* OR corona OR coronavir\*).ti,ab | 28675 |
| 33. | EMBASE | exp \*CORONAVIRINAE/ | 8395 |
| 34. | EMBASE | exp \*"CORONAVIRUS INFECTION"/ | 7343 |
| 35. | EMBASE | (28 OR 29 OR 30 OR 33 OR 34) | 35437 |
| 36. | EMBASE | ((outpatient\* OR "out patient\*" OR ambulatory) ADJ3 (service\* OR clinic\* OR department\* OR "care facilit\*" OR care OR manag\* OR "diagnostic test\*" OR treat\* OR therap\*)).ti,ab | 161663 |
| 37. | EMBASE | ("care in the community").ti,ab | 2405 |
| 38. | EMBASE | ((follow\* OR after\* OR post) ADJ (discharg\* OR "hospital discharg\*")).ti,ab | 44258 |
| 39. | EMBASE | exp \*OUTPATIENT/ | 14659 |
| 40. | EMBASE | exp \*"OUTPATIENT CARE"/ | 5689 |
| 41. | EMBASE | exp \*"OUTPATIENT DEPARTMENT"/ | 12524 |
| 42. | EMBASE | (36 OR 37 OR 38 OR 39 OR 40 OR 41) | 223682 |
| 43. | EMBASE | (35 AND 42) | 226 |
| 44. | EMCARE | ("COVID-19" OR Coronavirus OR "Corona virus" OR "2019-nCoV" OR "SARS-CoV" OR "MERS-CoV" OR "Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome").ti,ab | 3237 |
| 45. | EMCARE | (covid OR covid19 OR covid2019 OR novel coronavirus OR ncov OR 2019-ncov OR novel betacov OR novel betacoronavirus).ti,ab | 1035 |
| 46. | EMCARE | (covid\* OR corona OR coronavir\*).ti,ab | 3546 |
| 47. | EMCARE | exp \*CORONAVIRINAE/ | 853 |
| 48. | EMCARE | exp \*"CORONAVIRUS INFECTION"/ | 2292 |
| 49. | EMCARE | (44 OR 45 OR 46 OR 47 OR 48) | 5369 |
| 50. | EMCARE | ((outpatient\* OR "out patient\*" OR ambulatory) ADJ3 (service\* OR clinic\* OR department\* OR "care facilit\*" OR care OR manag\* OR "diagnostic test\*" OR treat\* OR therap\*)).ti,ab | 44223 |
| 51. | EMCARE | ("care in the community").ti,ab | 1208 |
| 52. | EMCARE | ((follow\* OR after\* OR post) ADJ (discharg\* OR "hospital discharg\*")).ti,ab | 12910 |
| 53. | EMCARE | exp \*OUTPATIENT/ | 7315 |
| 54. | EMCARE | exp \*"OUTPATIENT CARE"/ | 2444 |
| 55. | EMCARE | exp \*"OUTPATIENT DEPARTMENT"/ | 6183 |
| 56. | EMCARE | (50 OR 51 OR 52 OR 53 OR 54 OR 55) | 67083 |
| 57. | EMCARE | (49 AND 56) | 37 |
| 58. | AMED, BNI, HMIC, PsycINFO | ((covid\* OR corona OR coronavir\* OR covid OR covid19 OR covid2019 OR novel coronavirus OR ncov OR 2019-ncov OR novel betacov OR novel betacoronavirus OR "COVID-19" OR Coronavirus OR "Corona virus" OR "2019-nCoV" OR "SARS-CoV" OR "MERS-CoV" OR "Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome") AND (((outpatient\* OR "out patient\*" OR ambulatory) ADJ3 (service\* OR clinic\* OR department\* OR "care facilit\*" OR care OR manag\* OR "diagnostic test\*" OR treat\* OR therap\*)) OR "care in the community" OR ((follow\* OR after\* OR post) ADJ (discharg\* OR "hospital discharg\*")))).ti,ab | 94 |

**Pubmed** searched using the following strategy:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [**#18**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (#6 and #17) Filters: Publication date from 2019/01/01** | [350](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=18) | 09:23:38 |
| [**#17**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (#7 or #8 or #9 or #10 or #11 or #12 or #13 or #16) Filters: Publication date from 2019/01/01** | [37413](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=17) | 09:20:28 |
| [**#16**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (#14 and #15) Filters: Publication date from 2019/01/01** | [17288](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=16) | 09:19:44 |
| [**#15**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search discharg\*[Title/Abstract] Filters: Publication date from 2019/01/01** | [26548](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=15) | 09:19:35 |
| [**#14**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (follow\*[Title/Abstract] OR after\*[Title/Abstract] OR post[Title/Abstract]) Filters: Publication date from 2019/01/01** | [580986](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=14) | 09:19:26 |
| [**#13**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search "care in the community"[Title/Abstract] Filters: Publication date from 2019/01/01** | [0](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=13) | 09:19:04 |
| [**#12**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (outpatient\*[Title/Abstract] OR "out patient"[Title/Abstract] OR "out patients"[Title/Abstract] OR ambulatory[Title/Abstract]) Filters: Publication date from 2019/01/01** | [20397](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=12) | 09:18:40 |
| [**#11**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search clinics, hospital outpatient[MeSH Terms] Filters: Publication date from 2019/01/01** | [140](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=11) | 09:17:29 |
| [**#10**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search outpatient clinic[MeSH Terms] Filters: Publication date from 2019/01/01** | [1082](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=10) | 09:17:12 |
| [**#9**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search outpatients[MeSH Terms] Filters: Publication date from 2019/01/01** | [871](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=9) | 09:16:45 |
| [**#8**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search ambulatory care facilities[MeSH Terms] Filters: Publication date from 2019/01/01** | [1082](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=8) | 09:16:28 |
| [**#7**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search ambulatory care[MeSH Terms] Filters: Publication date from 2019/01/01** | [948](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=7) | 09:16:14 |
| [**#6**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (#1 or #2 or #3 or #4 or #5) Filters: Publication date from 2019/01/01** | [13508](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=6) | 09:15:35 |
| [**#5**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search "coronavirus infections"[MeSH Terms] Filters: Publication date from 2019/01/01** | [2784](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=5) | 09:15:19 |
| [**#4**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search coronavirus[MeSH Terms] Filters: Publication date from 2019/01/01** | [2499](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=4) | 09:14:48 |
| [**#3**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (covid\* OR corona OR coronavir\*) Filters: Publication date from 2019/01/01** | [13060](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=3) | 09:14:34 |
| [**#2**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search (covid OR covid19 OR covid2019 OR novel coronavirus OR ncov OR 2019-ncov OR novel betacov OR novel betacoronavirus) Filters: Publication date from 2019/01/01** | [10290](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=2) | 09:14:19 |
| [**#1**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | [**Add**](https://www.ncbi.nlm.nih.gov/pubmed/advanced) | **Search ("COVID-19"[Title/Abstract] OR Coronavirus[Title/Abstract] OR "Corona virus"[Title/Abstract] OR "2019-nCoV"[Title/Abstract] OR "SARS-CoV"[Title/Abstract] OR "MERS-CoV"[Title/Abstract] OR "Severe Acute Respiratory Syndrome"[Title/Abstract] OR "Middle East Respiratory Syndrome"[Title/Abstract]) Filters: Publication date from 2019/01/01** | [11673](https://www.ncbi.nlm.nih.gov/pubmed/?cmd=HistorySearch&querykey=1) | 09:14:06 |

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