# Evidence Search Service Results of your search request:

## “Issues in relation to proning Covid patients and how that was risk assessed and management method evolved”

**ID of request:** 24674; **Date of request:** 11th August, 2020; **Date of completion:** 20th August, 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: Issues in relation to Proning Covid patients and how that was risk assessed and management method evolved. Adam Tocock. (20th August, 2020). LONDON, UK: Barts Health Knowledge and Library Services.

**Date range used** (5 years, 10 years): 2000-   
**Limits used** (gender, article/study type, etc.): English language only, adult populations only.   
**Search terms and notes**: full search strategy for database searches at the end of this document.

Search History

NICE Evidence Search at [www.evidence.nhs.uk](http://www.evidence.nhs.uk) search strategy and results:

[https://www.evidence.nhs.uk/search?q=%28coronavirus+or+ards+or+sars+or+covid\*+or+corona%29+and+%28prone\*+or+proning%29+and+%28risk\*+or+manag\*%29&Route=search&ps=100](https://www.evidence.nhs.uk/search?q=%28coronavirus+or+ards+or+sars+or+covid*+or+corona%29+and+%28prone*+or+proning%29+and+%28risk*+or+manag*%29&Route=search&ps=100)

Cochrane Library at [www.cochranelibrary.com](http://www.cochranelibrary.com) search strategy:

ID    Search    Hits  
#1    (prone\* or proning\*):ti,ab,kw (Word variations have been searched)    4444  
#2    MeSH descriptor: [Prone Position] explode all trees    290  
#3    #1 or #2    4444  
#4    (COVID\* OR coronavir\* OR "Corona virus" OR "2019-nCoV" OR "SARS-CoV" OR "MERS-CoV" OR "Severe Acute Respiratory Syndrome" OR "Middle East Respiratory Syndrome" or "adult respiratory distress" or "acute respiratory distress" or sars or mers or ards):ti,ab,kw (Word variations have been searched)    5057  
#5    MeSH descriptor: [Respiratory Distress Syndrome, Adult] explode all trees    1333  
#6    MeSH descriptor: [Severe Acute Respiratory Syndrome] explode all trees    196  
#7    MeSH descriptor: [Coronavirus Infections] explode all trees    297  
#8    MeSH descriptor: [Coronavirus] explode all trees    35  
#9    ((critical\* next ill\*) OR "critical care"):ti,ab,kw (Word variations have been searched)    10352  
#10    MeSH descriptor: [Critical Illness] explode all trees    2218  
#11    MeSH descriptor: [Critical Care] explode all trees    2039  
#12    MeSH descriptor: [Critical Care Nursing] explode all trees    40  
#13    MeSH descriptor: [Critical Care Outcomes] explode all trees    2  
#14    #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13    15752  
#15    #3 and #14    265  
#16    MeSH descriptor: [Risk Management] explode all trees    8969  
#17    (risk\* near/3 (manag\* or assess\*)):ti,ab,kw (Word variations have been searched)    30679  
#18    #16 or #17    30848  
#19    #15 and #18    27  
#20    MeSH descriptor: [Patient Care] explode all trees    62706  
#21    (manag\*):ti,ab,kw (Word variations have been searched)    130591  
#22    #20 or #21    184851  
#23    #15 and #22    96  
#24    #19 or #23 with Cochrane Library publication date from Jan 2000 to present    95

|  | **Source** | **Criteria** | **Results** |
| --- | --- | --- | --- |
| 22. | EMBASE | exp \*"PRONE POSITION"/ | 682 |
| 23. | EMBASE | (proning\* OR (prone\* ADJ3 (procedur\* OR technique\* OR position\*))).ti,ab | 11674 |
| 24. | EMBASE | (22 OR 23) | 11742 |
| 25. | EMBASE | (COVID\* OR coronavir\* OR "Corona vir\*" OR "2019-nCoV\*" OR "SARS-CoV\*" OR "MERS-CoV\*" OR "Severe Acute Respiratory Syndr\*" OR "Middle East Respiratory Syndr\*" OR (critical\* ADJ ill\*) OR "critical care").ti,ab | 171920 |
| 26. | EMBASE | exp \*CORONAVIRINAE/ | 9019 |
| 27. | EMBASE | exp \*"CORONAVIRUS INFECTION"/ | 8917 |
| 28. | EMBASE | exp \*"RESPIRATORY DISTRESS SYNDROME"/ | 34525 |
| 29. | EMBASE | exp \*"INTENSIVE CARE"/ | 259190 |
| 30. | EMBASE | exp \*"INTENSIVE CARE NURSING"/ | 997 |
| 31. | EMBASE | exp \*"CRITICAL ILLNESS"/ | 11966 |
| 32. | EMBASE | (25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31) | 432897 |
| 33. | EMBASE | (24 AND 32) | 1720 |
| 34. | EMBASE | (risk\* ADJ3 (manag\* OR assess\*)).ti,ab | 204234 |
| 35. | EMBASE | exp \*RISK/ | 312545 |
| 36. | EMBASE | (34 OR 35) | 470621 |
| 37. | EMBASE | (33 AND 36) | 29 |
| 38. | EMBASE | (manag\*).ti,ab | 1865351 |
| 39. | EMBASE | exp \*"PATIENT CARE"/ | 173656 |
| 40. | EMBASE | (38 OR 39) | 2005468 |
| 41. | EMBASE | (33 AND 40) | 537 |
| 42. | EMBASE | (37 OR 41) | 557 |
| 43. | EMBASE | (37 OR 41) [DT FROM 2000] [English language] [Human age groups Adult 18 to 64 years OR Aged 65+ years] | 227 |
| 44. | EMCARE | exp \*"PRONE POSITION"/ | 282 |
| 45. | EMCARE | (proning\* OR (prone\* ADJ3 (procedur\* OR technique\* OR position\*))).ti,ab | 3594 |
| 46. | EMCARE | (44 OR 45) | 3629 |
| 47. | EMCARE | (COVID\* OR coronavir\* OR "Corona vir\*" OR "2019-nCoV\*" OR "SARS-CoV\*" OR "MERS-CoV\*" OR "Severe Acute Respiratory Syndr\*" OR "Middle East Respiratory Syndr\*" OR (critical\* ADJ ill\*) OR "critical care").ti,ab | 58607 |
| 48. | EMCARE | exp \*CORONAVIRINAE/ | 1052 |
| 49. | EMCARE | exp \*"CORONAVIRUS INFECTION"/ | 2416 |
| 50. | EMCARE | exp \*"RESPIRATORY DISTRESS SYNDROME"/ | 9921 |
| 51. | EMCARE | exp \*"INTENSIVE CARE"/ | 75573 |
| 52. | EMCARE | exp \*"INTENSIVE CARE NURSING"/ | 911 |
| 53. | EMCARE | exp \*"CRITICAL ILLNESS"/ | 4079 |
| 54. | EMCARE | (47 OR 48 OR 49 OR 50 OR 51 OR 52 OR 53) | 128855 |
| 55. | EMCARE | (46 AND 54) | 755 |
| 56. | EMCARE | (risk\* ADJ3 (manag\* OR assess\*)).ti,ab | 56273 |
| 57. | EMCARE | exp \*RISK/ | 135029 |
| 58. | EMCARE | (56 OR 57) | 173027 |
| 59. | EMCARE | (55 AND 58) | 6 |
| 60. | EMCARE | (manag\*).ti,ab | 553989 |
| 61. | EMCARE | exp \*"PATIENT CARE"/ | 54742 |
| 62. | EMCARE | (60 OR 61) | 595439 |
| 63. | EMCARE | (55 AND 62) | 218 |
| 64. | EMCARE | (59 OR 63) | 221 |
| 65. | EMCARE | (59 OR 63) [DT FROM 2000] [English language] [Human age groups Adult 18 to 64 years OR Aged 65+ years] | 71 |
| 87. | Medline | exp "PRONE POSITION"/ | 4043 |
| 88. | Medline | (proning\* OR (prone\* ADJ3 (procedur\* OR technique\* OR position\*))).ti,ab | 7769 |
| 89. | Medline | (87 OR 88) | 9259 |
| 90. | Medline | (COVID\* OR coronavir\* OR "Corona vir\*" OR "2019-nCoV\*" OR "SARS-CoV\*" OR "MERS-CoV\*" OR "Severe Acute Respiratory Syndr\*" OR "Middle East Respiratory Syndr\*").ti,ab | 56455 |
| 91. | Medline | exp "RESPIRATORY DISTRESS SYNDROME, ADULT"/ | 19532 |
| 92. | Medline | exp "SEVERE ACUTE RESPIRATORY SYNDROME"/ | 4848 |
| 93. | Medline | exp CORONAVIRUS/ | 26412 |
| 94. | Medline | exp "CORONAVIRUS INFECTIONS"/ | 27453 |
| 95. | Medline | ((critical\* ADJ ill\*) OR "critical care").ti,ab | 72141 |
| 96. | Medline | exp "CRITICAL CARE"/ | 57838 |
| 97. | Medline | exp "CRITICAL CARE NURSING"/ | 2048 |
| 98. | Medline | exp "CRITICAL CARE OUTCOMES"/ | 55 |
| 99. | Medline | exp "CRITICAL ILLNESS"/ | 28914 |
| 100. | Medline | (90 OR 91 OR 92 OR 93 OR 94 OR 95 OR 96 OR 97 OR 98 OR 99) | 196755 |
| 101. | Medline | (89 AND 100) | 1038 |
| 102. | Medline | (risk\* ADJ3 (manag\* OR assess\*)).ti,ab | 166409 |
| 103. | Medline | exp "RISK MANAGEMENT"/ | 302880 |
| 104. | Medline | (102 OR 103) | 421207 |
| 105. | Medline | (101 AND 104) | 25 |
| 106. | Medline | (manag\*).ti,ab | 1341088 |
| 107. | Medline | exp "PATIENT CARE MANAGEMENT"/ | 1822563 |
| 108. | Medline | exp "PATIENT CARE"/ | 1271736 |
| 109. | Medline | (106 OR 107 OR 108) | 3452233 |
| 110. | Medline | (101 AND 109) | 514 |
| 111. | Medline | (105 OR 110) | 520 |
| 112. | Medline | (105 OR 110) [DT FROM 2000] [Human age groups Adult OR Middle Aged OR Aged OR Aged,80 and over] [Languages English] | 136 |
| 113. | CINAHL | exp "PRONE POSITION"/ | 2057 |
| 114. | CINAHL | (proning\* OR (prone\* ADJ3 (procedur\* OR technique\* OR position\*))).ti,ab | 2413 |
| 115. | CINAHL | (113 OR 114) | 3357 |
| 116. | CINAHL | exp "RESPIRATORY DISTRESS SYNDROME, ACUTE"/ | 7683 |
| 117. | CINAHL | exp CORONAVIRUS/ | 8431 |
| 118. | CINAHL | exp "CORONAVIRUS INFECTIONS"/ | 13573 |
| 119. | CINAHL | ((critical\* ADJ ill\*) OR "critical care").ti,ab | 43322 |
| 120. | CINAHL | (COVID\* OR coronavir\* OR "Corona vir\*" OR "2019-nCoV\*" OR "SARS-CoV\*" OR "MERS-CoV\*" OR "Severe Acute Respiratory Syndr\*" OR "Middle East Respiratory Syndr\*").ti,ab | 15165 |
| 121. | CINAHL | exp "CRITICAL CARE"/ | 28845 |
| 122. | CINAHL | exp "CRITICAL CARE NURSING"/ | 27658 |
| 123. | CINAHL | exp "CRITICAL CARE OUTCOMES"/ | 0 |
| 124. | CINAHL | exp "CRITICAL ILLNESS"/ | 12414 |
| 125. | CINAHL | (116 OR 117 OR 118 OR 119 OR 120 OR 121 OR 122 OR 123 OR 124) | 108897 |
| 126. | CINAHL | (115 AND 125) | 685 |
| 127. | CINAHL | (risk\* ADJ3 (manag\* OR assess\*)).ti,ab | 53387 |
| 128. | CINAHL | exp "RISK MANAGEMENT"/ | 19986 |
| 129. | CINAHL | (127 OR 128) | 69557 |
| 130. | CINAHL | (126 AND 129) | 5 |
| 131. | CINAHL | (manag\*).ti,ab | 507675 |
| 132. | CINAHL | exp "PATIENT CARE"/ | 773290 |
| 133. | CINAHL | (131 OR 132) | 1166182 |
| 134. | CINAHL | (126 AND 133) | 280 |
| 135. | CINAHL | (130 OR 134) | 282 |
| 136. | CINAHL | (130 OR 134) [DT FROM 2000] [Human age groups All Adult] [Languages eng] | 40 |
| 137. | BNI | (proning\* OR (prone\* ADJ3 (procedur\* OR technique\* OR position\*))).ti,ab | 247 |
| 138. | BNI | ((critical\* ADJ ill\*) OR "critical care").ti,ab | 9124 |
| 139. | BNI | (COVID\* OR coronavir\* OR "Corona vir\*" OR "2019-nCoV\*" OR "SARS-CoV\*" OR "MERS-CoV\*" OR "Severe Acute Respiratory Syndr\*" OR "Middle East Respiratory Syndr\*").ti,ab | 2311 |
| 140. | BNI | CORONAVIRUSES/ | 1762 |
| 141. | BNI | "CRITICAL CARE"/ | 3415 |
| 142. | BNI | (138 OR 139 OR 140 OR 141) | 13082 |
| 143. | BNI | (137 AND 142) | 27 |
| 144. | BNI | (137 AND 142) [DT FROM 2000] | 26 |
| 145. | Medline | (89 AND 100) [DT FROM 2000] [Document type Consensus Development Conference OR Consensus Development Conference, Nih OR Guideline OR Practice Guideline] | 12 |
| 146. | CINAHL | (115 AND 125) [Publication types Critical Path OR Meta Synthesis OR Practice Guidelines OR Protocol] | 16 |

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

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