**What literature is available on use of CPAP in COVID-19 and nursing patients in the prone position?**

**Databases searched:**

* + **Evidence-Based Reviews/Point-of-Care:** Cochrane Library, UpToDate, DynaMed, BMJ Best Practice.
  + **Guidance:** NICE Guidance, selected International Guidelines.
  + **Healthcare Databases:** MEDLINE, CINAHL, PubMed, NICE Evidence.
  + **Other:** Google, Google Scholar, World Health Organization Database of publications on coronavirus disease (COVID-19), NHS England, British Thoracic Society, Royal Marsden Manual of Clinical Nursing Procedures.

**Local Guidance:** Local guidance has not been searched as part of this literature search. However, local guidelines, policies and procedures are available via the red button on the intranet.

**Search Terms:**

|  |  |
| --- | --- |
| ***Subject Headings*** | ***Free Text Words*** |
| Continuous Positive Airway Pressure | 2019nCoV |
| Coronaviridae Infections | 2019-nCoV |
| Coronavirus Infections | COVID\* |
| Critical Care Nursing | “COVID 19” |
| Nursing | COVID-19 |
| Nursing Care | “Corona virus” |
| Nursing Skills | Coronavir\* |
| Prone Position | “Continuous positive airway pressure” |
| Respiratory Care Practice | CPAP |
| Respiratory Insufficiency | Cv19 |
| Respiratory Nursing | Cv-19 |
| Respiratory Therapy | “Inspiratory positive airway pressure” |
|  | nCoV |
|  | “novel CoV” |
|  | “novel coronavirus” |
|  | Nurs\* |
|  | Nursing care |
|  | Pron\* |
|  | Position\* |
|  | SARS-CoV-2 |
|  | sarscov2 |

**Search Limits:** English language, 2000-2020.

**Search History:**

**Search Example:**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Database** | **Search term** | **Results** |
| 1 | Medline | (COVID\* OR coronavir\* OR "corona virus" OR "2019-nCoV" OR "SARS-CoV-2" OR cv19 OR "cv-19").ti,ab | 14626 |
| 2 | Medline | (covid-19 OR "covid 19" OR "novel coronavirus" OR nCoV OR "CoV 2" OR Cov2 OR sarscov2 OR 2019nCoV OR "novel CoV").ti,ab | 3441 |
| 3 | Medline | (1 OR 2) | 14670 |
| 4 | Medline | (cpap OR "continuous positive airway pressure" OR "inspiratory positive airway pressure").ti,ab | 11673 |
| 5 | Medline | exp "CONTINUOUS POSITIVE AIRWAY PRESSURE"/ | 6869 |
| 6 | Medline | (pron\* position\*).ti,ab | 10930 |
| 7 | Medline | exp "PRONE POSITION"/ | 3952 |
| 8 | Medline | exp "NURSING CARE"/ | 134031 |
| 9 | Medline | exp NURSING/ | 250813 |
| 10 | Medline | (nurs\*).ti,ab | 442805 |
| 11 | Medline | (4 OR 5) | 13723 |
| 12 | Medline | (6 OR 7) | 12271 |
| 13 | Medline | (8 OR 9 OR 10) | 582705 |
| 14 | Medline | (3 AND 11) | 5 |
| 15 | Medline | 3 AND 12 | 6 |
| 16 | Medline | 3 AND 13 | 134 |
| 17 | Medline | exp "RESPIRATORY INSUFFICIENCY"/ | 61748 |
| 18 | Medline | (12 AND 13) | 282 |
| 19 | Medline | (17 AND 18) | 9 |
| 20 | Medline | (3 AND 11 AND 12 AND 13) | 0 |
| 21 | Medline | (11 AND 12) | 50 |
| 22 | CINAHL | (COVID\* OR coronavir\* OR "corona virus" OR "2019-nCoV" OR "SARS-CoV-2" OR cv19 OR "cv-19").ti,ab | 1913 |
| 23 | CINAHL | (covid-19 OR "covid 19" OR "novel coronavirus" OR nCoV OR "CoV 2" OR Cov2 OR sarscov2 OR 2019nCoV OR "novel CoV").ti,ab | 519 |
| 24 | CINAHL | exp "CORONAVIRIDAE INFECTIONS"/ | 3013 |
| 25 | CINAHL | exp "CORONAVIRUS INFECTIONS"/ | 2988 |
| 26 | CINAHL | (22 OR 23 OR 25) | 4012 |
| 27 | CINAHL | (cpap OR "continuous positive airway pressure" OR "inspiratory positive airway pressure").ti,ab | 4660 |
| 28 | CINAHL | exp "CONTINUOUS POSITIVE AIRWAY PRESSURE"/ | 5415 |
| 29 | CINAHL | (27 OR 28) | 7134 |
| 30 | CINAHL | (pron\* position\*).ti,ab | 3596 |
| 31 | CINAHL | exp "PRONE POSITION"/ | 2079 |
| 32 | CINAHL | (30 OR 31) | 4521 |
| 33 | CINAHL | exp "NURSING CARE"/ | 300741 |
| 34 | CINAHL | exp "NURSING SKILLS"/ | 6022 |
| 35 | CINAHL | exp "RESPIRATORY CARE PRACTICE"/ | 231 |
| 36 | CINAHL | exp "CRITICAL CARE NURSING"/ OR exp "RESPIRATORY NURSING"/ | 29217 |
| 37 | CINAHL | exp "RESPIRATORY THERAPY"/ | 48795 |
| 38 | CINAHL | (33 OR 34 OR 35 OR 36 OR 37) | 346669 |
| 39 | CINAHL | (26 AND 29 AND 32 AND 38) | 0 |
| 40 | CINAHL | (26 AND 29 AND 32) | 0 |
| 41 | CINAHL | (26 AND 29) | 10 |
| 42 | CINAHL | (26 AND 32) | 6 |
| 43 | CINAHL | (26 AND 38) | 193 |
| 44 | BNI | (COVID\* OR coronavir\* OR "corona virus" OR "2019-nCoV" OR "SARS-CoV-2" OR cv19 OR "cv-19").ti,ab | 450 |
| 45 | BNI | (covid-19 OR "covid 19" OR "novel coronavirus" OR nCoV OR "CoV 2" OR Cov2 OR sarscov2 OR 2019nCoV OR "novel CoV").ti,ab | 276 |
| 46 | BNI | (44 OR 45) | 450 |
| 47 | BNI | (cpap OR "continuous positive airway pressure" OR "inspiratory positive airway pressure").ti,ab | 448 |
| 48 | BNI | (pron\* position\*).ti,ab | 280 |
| 49 | BNI | (nursing care).ti,ab | 52320 |
| 50 | BNI | (46 AND 47 AND 48) | 0 |
| 51 | BNI | (46 AND 47) | 2 |
| 52 | BNI | (46 AND 48) | 0 |
| 53 | BNI | (46 AND 49) | 4 |