**Databases searched:**

* + **Evidence-Based Reviews/Point-of-Care:** Cochrane Library, UpToDate, DynaMed.
  + **Guidance:** NICE Guidance, selected International Guidelines.
  + **Healthcare Databases:** MEDLINE, EMBASE, EMCARE, CINAHL, PubMed, NICE Evidence.
  + **Other:** Google, Google Scholar, World Health Organization Database of publications on coronavirus disease (COVID-19), LitCOVID, MedRxiv.

**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*** |
| Coronavirus Infections | 2019-nCoV |
| Vitamin D | COVID-19 |
| Vitamin D Deficiency | Coronavirus |
|  | “Corona virus” |
|  | MERS-CoV |
|  | “Middle east respiratory syndrome” |
|  | nCoV |
|  | “Novel coronavirus” |
|  | “Novel CoV” |
|  | SARS-CoV |
|  | SARS-CoV-2 |
|  | Sarscov2 |
|  | “Severe acute respiratory syndrome” |
|  | VitaminD |
|  | “Vitamin D” |
|  | VitD |

**Search Limits:** None applied.

**Search History:**

**Search Example:**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Database** | **Search term** | **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" OR "novel CoV" OR "novel coronavirus" OR SARS-CoV-2 OR sarscov2 OR 2019nCoV ORnCOV).ti,ab | 19098 |
| 2 | Medline | exp "CORONAVIRUS INFECTIONS"/ | 10775 |
| 3 | Medline | ("Vitamin D" OR VitD OR VitaminD).ti,ab | 60420 |
| 4 | Medline | exp "VITAMIN D"/ OR exp "VITAMIN D DEFICIENCY"/ | 69948 |
| 5 | Medline | (1 OR 2) | 22872 |
| 6 | Medline | (3 OR 4) | 91398 |
| 7 | Medline | (5 AND 6) | 12 |
| 8 | 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" OR "novel CoV" OR "novel coronavirus" OR SARS-CoV-2 OR sarscov2 OR 2019nCoV ORnCOV).ti,ab | 19991 |
| 9 | EMBASE | exp "CORONAVIRUS INFECTION"/ | 12352 |
| 10 | EMBASE | ("Vitamin D" OR VitD OR VitaminD).ti,ab | 89820 |
| 11 | EMBASE | exp "VITAMIN D"/ OR exp "VITAMIN D DEFICIENCY"/ | 143950 |
| 12 | EMBASE | (8 OR 9) | 25354 |
| 13 | EMBASE | (10 OR 11) | 155546 |
| 14 | EMBASE | (12 AND 13) | 28 |
| 15 | 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" OR "novel CoV" OR "novel coronavirus" OR SARS-CoV-2 OR sarscov2 OR 2019nCoV ORnCOV).ti,ab | 2942 |
| 16 | EMCARE | exp "CORONAVIRUS INFECTION"/ | 3776 |
| 17 | EMCARE | ("Vitamin D" OR VitD OR VitaminD).ti,ab | 17312 |
| 18 | EMCARE | exp "VITAMIN D"/ OR exp "VITAMIN D DEFICIENCY"/ | 30859 |
| 19 | EMCARE | (15 OR 16) | 4789 |
| 20 | EMCARE | (17 OR 18) | 32071 |
| 21 | EMCARE | (19 AND 20) | 5 |
| 22 | 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" OR "novel CoV" OR "novel coronavirus" OR SARS-CoV-2 OR sarscov2 OR 2019nCoV ORnCOV).ti,ab | 3386 |
| 23 | CINAHL | exp "CORONAVIRUS INFECTIONS"/ | 3234 |
| 24 | CINAHL | ("Vitamin D" OR VitD OR VitaminD).ti,ab | 19604 |
| 25 | CINAHL | exp "VITAMIN D DEFICIENCY"/ | 8782 |
| 26 | CINAHL | exp "VITAMIN D"/ | 19549 |
| 27 | CINAHL | (22 OR 23) | 4837 |
| 28 | CINAHL | (24 OR 25 OR 26) | 27536 |
| 29 | CINAHL | (27 AND 28) | 3 |

**Search Date: 27/04/2020**

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