**Appendix 2: Search Strategy - Database(s): Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) 1946 to April 28, 2020**

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| **#** | **Searches** | **Results** |
| 1 | exp Masks/ | 9295 |
| 2 | exp Respiratory Protective Devices/ | 2002 |
| 3 | (respiratory protective devices or mask\* or face mask\* or facemask\* or respiratory protection or respirator\* or FFP3 or FFP or N95 or N 95 or PAPR or air purifying respirator or filtering face piece).tw,kf. | 514098 |
| 4 | (filtering adj3 (facepiece\* or face piece\*)).tw,kf. | 269 |
| 5 | or/1-4 | 516692 |
| 6 | Equipment Contamination/ | 10874 |
| 7 | exp Infection Control/ | 62917 |
| 8 | (infection control\* or decontaminat\* or resanitiz\* or resanitis\* or desaniti\* or contaminat\* or antisept\* or biocid\* or steriliz\* or sanitize\* or bleach\* or hypochlor\* or ozon\* or ultraviolet or uv).tw,kf. | 504524 |
| 9 | Sodium Hypochlorite/ | 4683 |
| 10 | Disinfectants/ | 12900 |
| 11 | Hydrogen Peroxide/ | 57651 |
| 12 | (clorox or antiformin or oxygenated water or hydrogen peroxyde or hydroperoxide or peroxygen or sodium hypochlorite).tw,kf. | 15306 |
| 13 | Ethanol/ | 86881 |
| 14 | 2-Propanol/ | 1613 |
| 15 | Ethylene Oxide/ | 2827 |
| 16 | (ethanol\* or isopropanol or iso-propanol or 2-propanol or isopropyl alcohol or ethylene oxid\* or oxirane or rubbing alcohol\*).tw,kf. | 149448 |
| 17 | or/6-16 | 783856 |
| 18 | (washable or rewash\* or reusable or reprocess\* or reus\* or reusing or repurpose or recycl\* or multiple use\* or multiple usage or used again or used repeat\* or repeat\* use\* or repeat\* usag\* or repeatedly use\* or extended usage).tw,kf. | 79563 |
| 19 | 5 and 17 and 18 | 207 |