**Clinical Librarian Service Search Results**

**Request:** Are there any studies looking at the survival of respiratory viruses on hands vs. non sterile procedure gloves?

**Databases searched:** MEDLINE, EMBASE, Cinahl, Emcare, PubMed, UpToDate, DynaMed.

**Search History:**

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| **#** | **Database** | **Search term** | **Results** |
| 9 | Medline | (glove\*).ti,ab | 10217 |
| 10 | Medline | exp "GLOVES, PROTECTIVE"/ | 4863 |
| 11 | Medline | (nitrile).ti,ab | 4498 |
| 22 | EMBASE | (glove\*).ti,ab | 13584 |
| 23 | EMBASE | exp "GLOVES, PROTECTIVE"/ OR GLOVE/ | 9134 |
| 24 | EMBASE | (nitrile).ti,ab | 5571 |
| 35 | CINAHL | (glove\*).ti,ab | 3885 |
| 36 | CINAHL | GLOVES/ | 3154 |
| 37 | CINAHL | (nitrile).ti,ab | 123 |
| 38 | CINAHL | (35 OR 36 OR 37) | 5302 |
| 48 | EMCARE | (glove\*).ti,ab | 3701 |
| 49 | EMCARE | exp "GLOVES, PROTECTIVE"/ OR GLOVE/ | 3376 |
| 50 | EMCARE | (nitrile).ti,ab | 195 |
| 53 | EMCARE | (skin OR hands OR hand).ti,ab | 190799 |
| 54 | EMCARE | EPIDERMIS/ | 2819 |
| 55 | EMCARE | SKIN/ | 27624 |
| 56 | EMCARE | "HAND PALM"/ | 521 |
| 57 | EMCARE | FINGER/ | 3628 |
| 58 | EMCARE | HAND/ | 3844 |
| 63 | EMBASE | EPIDERMIS/ | 34741 |
| 64 | EMBASE | SKIN/ | 155376 |
| 65 | EMBASE | "HAND PALM"/ | 2710 |
| 66 | EMBASE | FINGER/ | 24361 |
| 67 | EMBASE | HAND/ | 27049 |
| 68 | EMBASE | (skin OR hand OR hands).ti | 221115 |
| 71 | CINAHL | (skin OR hands OR hand).ti,ab | 151964 |
| 72 | CINAHL | EPIDERMIS/ | 928 |
| 73 | CINAHL | SKIN/ | 13289 |
| 76 | CINAHL | exp HAND/ | 16839 |
| 77 | CINAHL | (71 OR 72 OR 73 OR 76) | 165546 |
| 80 | Medline | EPIDERMIS/ | 20871 |
| 81 | Medline | SKIN/ | 188471 |
| 83 | Medline | FINGERS/ | 29702 |
| 84 | Medline | HAND/ | 41901 |
| 85 | Medline | (skin OR hand OR hands).ti | 206170 |
| 86 | Medline | (9 OR 10 OR 11 OR 80 OR 81 OR 83 OR 84 OR 85) | 402580 |
| 87 | Medline | exp VIRUSES/ OR exp "VIRUS DISEASES"/ | 1275784 |
| 88 | Medline | exp "RESPIRATORY TRACT DISEASES"/ | 1319882 |
| 91 | Medline | (survival OR stability OR stable OR "how long" OR viability OR viable).ti,ab | 1995314 |
| 92 | Medline | "MICROBIAL VIABILITY"/ | 12462 |
| 93 | Medline | "TIME FACTORS"/ | 1174811 |
| 94 | Medline | (91 OR 92 OR 93) | 3044751 |
| 95 | Medline | (flu OR influenza\* OR parainfluenza\* OR rhinovirus\*).ti,ab | 132130 |
| 96 | Medline | (respiratory ADJ3 virus\*).ti,ab | 22256 |
| 97 | Medline | (respiratory ADJ3 viral).ti,ab | 5909 |
| 98 | Medline | (respiratory).af | 615825 |
| 99 | Medline | (87 AND 98) | 57877 |
| 100 | Medline | (87 AND 88) | 106752 |
| 101 | Medline | exp "INFLUENZAVIRUS A"/ OR exp "INFLUENZAVIRUS B"/ OR exp "INFLUENZAVIRUS C"/ | 44319 |
| 102 | Medline | exp "RESPIRATORY SYNCYTIAL VIRUS, HUMAN"/ | 2456 |
| 103 | Medline | "RESPIRATORY SYNCYTIAL VIRUSES"/ | 5865 |
| 104 | Medline | PNEUMOVIRINAE/ | 18 |
| 105 | Medline | PNEUMOVIRUS/ | 153 |
| 106 | Medline | METAPNEUMOVIRUS/ | 1272 |
| 107 | Medline | RHINOVIRUS/ | 3677 |
| 108 | Medline | (95 OR 96 OR 97 OR 99 OR 100 OR 101 OR 102 OR 103 OR 104 OR 105 OR 106 OR 107) | 215076 |
| 109 | Medline | (86 AND 94 AND 108) | 107 |
| 110 | EMBASE | (22 OR 23 OR 24 OR 63 OR 64 OR 65 OR 66 OR 67 OR 68) | 414419 |
| 111 | EMBASE | "MICROBIAL VIABILITY"/ | 3893 |
| 112 | EMBASE | "VIRUS VIABILITY"/ | 441 |
| 113 | EMBASE | "TIME FACTOR"/ | 32922 |
| 114 | EMBASE | (survival OR stability OR stable OR "how long" OR viability OR viable).ti,ab | 2682114 |
| 115 | EMBASE | (111 OR 112 OR 113 OR 114) | 2712246 |
| 116 | EMBASE | (flu OR influenza\* OR parainfluenza\* OR rhinovirus\*).ti,ab | 148911 |
| 117 | EMBASE | (respiratory ADJ3 virus\*).ti,ab | 25695 |
| 118 | EMBASE | (respiratory ADJ3 viral).ti,ab | 7792 |
| 119 | EMBASE | exp \*VIRUS/ | 437150 |
| 120 | EMBASE | (respiratory).af | 1054291 |
| 121 | EMBASE | (119 AND 120) | 20655 |
| 122 | EMBASE | exp \*VIRUS/ OR exp \*"VIRUS INFECTION"/ | 1024365 |
| 123 | EMBASE | exp "RESPIRATORY TRACT DISEASE"/ | 2369425 |
| 124 | EMBASE | (122 AND 123) | 116237 |
| 125 | EMBASE | exp "INFLUENZA VIRUS"/ | 31143 |
| 126 | EMBASE | exp "RESPIRATORY SYNCYTIAL VIRUS, HUMAN"/ | 4453 |
| 128 | EMBASE | PNEUMOVIRINAE/ | 224 |
| 129 | EMBASE | PNEUMOVIRUS/ | 129 |
| 130 | EMBASE | exp METAPNEUMOVIRUS/ | 3411 |
| 131 | EMBASE | exp RHINOVIRUS/ | 8307 |
| 132 | EMBASE | (116 OR 117 OR 118 OR 121 OR 124 OR 125 OR 126 OR 128 OR 129 OR 130 OR 131) | 234481 |
| 133 | EMBASE | (110 AND 115 AND 132) | 173 |
| 134 | EMCARE | (48 OR 49 OR 50 OR 53 OR 54 OR 55 OR 56 OR 57 OR 58) | 199150 |
| 135 | EMCARE | "MICROBIAL VIABILITY"/ | 134 |
| 136 | EMCARE | "VIRUS VIABILITY"/ | 69 |
| 137 | EMCARE | "TIME FACTOR"/ | 1203 |
| 138 | EMCARE | (survival OR stability OR stable OR "how long" OR viability OR viable).ti,ab | 389377 |
| 139 | EMCARE | (135 OR 136 OR 137 OR 138) | 390511 |
| 140 | EMCARE | (flu OR influenza\* OR parainfluenza\* OR rhinovirus\*).ti,ab | 25169 |
| 141 | EMCARE | (respiratory ADJ3 virus\*).ti,ab | 3737 |
| 142 | EMCARE | (respiratory ADJ3 viral).ti,ab | 1247 |
| 143 | EMCARE | exp VIRUS/ | 127557 |
| 144 | EMCARE | (respiratory).af | 190052 |
| 145 | EMCARE | (143 AND 144) | 8386 |
| 146 | EMCARE | exp VIRUS/ OR exp "VIRUS INFECTION"/ | 258473 |
| 147 | EMCARE | exp "RESPIRATORY TRACT DISEASE"/ | 504964 |
| 148 | EMCARE | (146 AND 147) | 52964 |
| 149 | EMCARE | exp "INFLUENZA VIRUS"/ | 4833 |
| 150 | EMCARE | exp "RESPIRATORY SYNCYTIAL VIRUS, HUMAN"/ | 843 |
| 151 | EMCARE | PNEUMOVIRINAE/ | 13 |
| 152 | EMCARE | PNEUMOVIRUS/ | 11 |
| 153 | EMCARE | exp METAPNEUMOVIRUS/ | 592 |
| 154 | EMCARE | exp RHINOVIRUS/ | 1284 |
| 155 | EMCARE | (140 OR 141 OR 142 OR 145 OR 148 OR 149 OR 150 OR 151 OR 152 OR 153 OR 154) | 63100 |
| 156 | EMCARE | (134 AND 139 AND 155) | 155 |
| 157 | CINAHL | (35 OR 36 OR 37 OR 71 OR 72 OR 73 OR 76) | 169069 |
| 160 | CINAHL | "TIME FACTORS"/ | 174745 |
| 161 | CINAHL | (survival OR stability OR stable OR "how long" OR viability OR viable).ti,ab | 261295 |
| 162 | CINAHL | (160 OR 161) | 419722 |
| 163 | CINAHL | (157 AND 162) | 13336 |
| 164 | CINAHL | (flu OR influenza\* OR parainfluenza\* OR rhinovirus\*).ti,ab | 27926 |
| 165 | CINAHL | (respiratory ADJ3 virus\*).ti,ab | 3087 |
| 166 | CINAHL | (respiratory ADJ3 viral).ti,ab | 1124 |
| 167 | CINAHL | exp VIRUSES/ OR exp "VIRUS DISEASES"/ | 212965 |
| 168 | CINAHL | (respiratory).af | 164170 |
| 169 | CINAHL | (167 AND 168) | 13426 |
| 170 | CINAHL | exp VIRUSES/ OR exp "VIRUS DISEASES"/ | 212965 |
| 171 | CINAHL | exp "RESPIRATORY TRACT DISEASES"/ | 298936 |
| 172 | CINAHL | (170 AND 171) | 33905 |
| 173 | CINAHL | exp "INFLUENZAVIRUS A"/ OR exp "INFLUENZAVIRUS B"/ OR exp "INFLUENZAVIRUS C"/ | 5695 |
| 175 | CINAHL | exp "RESPIRATORY SYNCYTIAL VIRUSES"/ | 972 |
| 176 | CINAHL | (164 OR 165 OR 166 OR 169 OR 172 OR 173 OR 175) | 49665 |
| 177 | CINAHL | (163 AND 176) | 96 |

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