### Search Strategy – PubMED: May 20, 2022

Time period: 2000-current

1. (("intensive care units, neonatal"[MeSH Terms] OR "Neonatal unit"[Text Word] OR "NICU"[Text Word] OR "NICUs"[Text Word]) AND ("Asymptomatic Infections"[MeSH Terms] OR "Colonization"[Text Word] OR "Carriage"[Text Word]) AND ("Infections"[MeSH Terms] OR "Neonatal Sepsis"[MeSH Terms] OR "infect\*"[Text Word] OR "communicable disease\*"[Text Word] OR "Sepsis"[Text Word]) AND ("Implementation Science"[MeSH Terms] OR "implement\*"[Text Word] OR "barriers"[Text Word] OR "facilitators"[Text Word] OR "determinants"[Text Word]) AND ("Infection prevention"[Text Word] OR "Hygiene"[Text Word] OR "Patient safety"[Text Word] OR "Skin"[Text Word])) AND (2000:2022[pdat])

**→ 44 results**

1. (("intensive care units, neonatal"[MeSH Terms] OR "infant, newborn"[MeSH Terms] OR "Neonatal unit"[Text Word] OR "NICU"[Text Word] OR "NICUs"[Text Word]) AND ("Asymptomatic Infections"[MeSH Terms] OR "Colonization"[Text Word] OR "Carriage"[Text Word]) AND ("Infections"[MeSH Terms] OR "Neonatal Sepsis"[MeSH Terms] OR "infect\*"[Text Word] OR "communicable disease\*"[Text Word] OR "Sepsis"[Text Word]) AND ("Implementation Science"[MeSH Terms] OR "implement\*"[Text Word] OR "barriers"[Text Word] OR "facilitators"[Text Word] OR "determinants"[Text Word] OR "Implementation Research"[Text Word])) AND (2000:2022[pdat])

**→ 255 results**

### Search strategy – MEDLINE: May 20, 2022

#1 AND #3C AND #6 AND #7 AND #4 **→ 91 results**

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| --- | --- | --- |
|  | Keywords:  SH: | Neonatal Unit; NICUs; NICU  Infant, Newborn / Intensive Care Units, Neonatal / Intensive Care, Neonatal |
| #1 | **Intensive Care, Neonatal/ or Infant, Newborn/ or Intensive Care Units, Neonatal/ or neonatal care.mp** | |
| #3C | **Infect$.mp. or exp Infections** | |
|  | Keywords: | Implementation Science |
| #4 | **exp Health Services Research/ or exp "Delivery of Health Care"/ or exp Implementation Science/ or exp Evidence-Based Medicine/ or exp "Diffusion of Innovation"/ or exp Evidence-Based Practice** | |
| #6 | **disease outbreaks/ or disease transmission, infectious/ or equipment contamination/ or hygiene/ or hand hygiene/ or communicable disease control/ or infection control/ or antisepsis/ or blood safety/ or patient isolation/ or sterilization/ or physical distancing/ or sanitation/ or decontamination/ or medical countermeasures/ or population surveillance/ or primary prevention/ or quaternary prevention/ or secondary prevention/ or tertiary prevention/** | |
| #7 | **infections/ or asymptomatic infections/ or catheter-related infections/ or cross infection/ or healthcare-associated pneumonia/ or sepsis/ or neonatal sepsis/ or skin diseases, bacterial/ or soft tissue infections/ or vaccine-preventable diseases/ or virus diseases/ or wound infection/** | |

### Search strategy 2 – CINAHL: May 20, 2022

Time period: 2000-current

neonatal unit or neonatal intensive care or nicu or scbu or special care baby unit

AND

infection control or infection prevention or infection control and prevention or colonization or carriage

AND

facilitators or determinants or factors

AND

infections or infection

**→ 562 results**