

Supplemental Digital Content 1. SEARCH STRATEGY

1.1 MENINGITIS

- PubMed

((Meningitis [Mesh] OR *[tiab]) AND (Streptococcus pneumoniae [Mesh] OR pneumococ*[tiab] OR Streptococcus pneumoni*[tiab] OR S. pneumoni*[tiab])) AND (Americas[MeSH Terms:noexp] OR America*[all] OR Latin America[Mesh] OR Latin America*[all] OR Latinamerica*[all] OR Latinoamerica*[all] OR Latin*[all] OR Hispanic Americans[Mesh] OR Hispanic America*[all] OR Hispanoamerica*[all] OR Hispano*[all] OR Hispanic*[all] OR Iberoamerica*[all] OR Ibero Americ*[all] OR Panamerican*[all] OR Central America[Mesh] OR Central America*[all] OR Centroamerica*[all] OR Mesoamerica*[all] OR Meso America*[all] OR Middle America*[all] OR South America[Mesh] OR South America*[all] OR Southamerica*[all] OR Sudamerica*[all] OR America del sur[all] OR Caribbean Region[Mesh] OR Caribbean[all] OR Caribe*[all] OR OR West Indies[Mesh] OR West Indi*[all] OR Antill*[all] OR American Native Continental Ancestry Group[Mesh] OR Amerindian*[all] OR Indians[all] OR American Indian*[all] OR Native America*[all] OR Patagoni*[all] OR Andes[all] OR Andean*[all] OR Amazon*[all] OR Argentina[Mesh] OR Argentin*[ad] OR Argentin*[all] OR Argentina[pl] OR Bolivia[Mesh] OR Bolivia*[ad] OR Bolivia*[all] OR Bolivia[pl] OR Brazil[Mesh] OR Brazil*[ad] OR Brasil*[ad] OR Brazil*[all] OR Brasil*[all] OR Brazil[pl] OR Colombia[Mesh] OR Colombia*[ad] OR Colombia*[all] OR Colombia[pl] OR Chile[Mesh] OR Chile*[ad] OR Chile*[all] OR Chile[pl] OR Ecuador[Mesh] OR Ecuador*[ad] OR Ecuador*[ad] OR Ecuador*[all] OR Ecuador[pl] OR French Guiana[Mesh] OR Guiana*[ad] OR Guiana*[all] OR French Guiana[pl] OR Guyana[Mesh] OR Guyan*[ad] OR Guyan*[all] OR Guyana[pl] OR Paraguay[Mesh] OR Paraguay*[ad] OR Paraguay*[all] OR Paraguay[pl] OR Peru[Mesh] OR Peru*[ad] OR Peru*[all] OR Peru[pl] OR Suriname[Mesh] OR Surinam*[ad] OR Surinam*[all] OR Suriname[pl] OR Uruguay[Mesh] OR Uruguay*[ad] OR Uruguay*[all] OR Uruguay[pl] OR Venezuela[Mesh] OR Venez*[ad] OR Venez*[all] OR Venezuela[pl] OR Belize[Mesh] OR Belize*[ad] OR Belize*[all] OR Belize[pl] OR Costa Rica[Mesh] OR Costa Ric*[ad] OR Costarric*[ad] OR Costaric*[ad] OR Costa Ric*[all] OR Costarric*[all] OR Costaric*[all] OR Costa Rica[pl] OR El Salvador[Mesh] OR Salvador*[ad] OR Salvador*[all] OR El Salvador[pl] OR Guatemala[Mesh] OR Guatemal*[ad] OR Guatemal*[all] OR Guatemala[pl] OR Honduras[Mesh] OR Hondur*[ad] OR Hondur*[all] OR Honduras[pl] OR Nicaragua[Mesh] OR Nicaragu*[ad] OR Nicaragu*[all] OR Nicaragua[pl] OR Panama[Mesh] OR Panam*[ad] OR Panam*[all] OR Panama[pl] OR Mexico[Mesh] OR Mexic*[ad] OR Mexic*[all] OR Meji*[all] OR Mexico[pl] OR Cuba[Mesh] OR Cuba*[ad] OR Cuba*[all] OR Cuba[pl] OR Dominican Republic[Mesh] OR Dominic*[ad] OR Dominic*[all] OR Dominican Republic[pl] OR Haiti[Mesh] OR Haiti*[ad] OR Haiti*[all] OR Haiti[pl] OR Jamaica[Mesh] OR Jamaic*[ad] OR Jamaic*[all] OR Jamaica[pl] OR Puerto Rico[Mesh] OR Puerto Ric*[all] OR Puertorric*[all] OR Puertoric*[all])

- Embase

#

Searches

1 exp Meningitis/ or Meningit\$.ti,ab.

2 exp Streptococcus pneumoniae/

3 (S pneumoni\$ or Streptococcus pneumoni\$ or pneumococ\$).ti,ab.

4 2 or 3

5 or/2-4

6 1 and 5

exp "South and Central America"/ or latin america\$.mp. or latinameric\$.mp. or south america\$.mp. or southamerica\$.mp. or central america\$.mp. or centroamerica\$.mp. or

7 mesoamerica\$.mp. or caribbe\$.mp. or caribe\$.mp. or hispanoamerica\$.mp. or hispano america\$.mp. or hispanic\$.mp. or iberoamerica\$.mp. or ibero america\$.mp. or exp AMERICAN INDIAN/ or indians.mp. or amerind\$.mp. or exp ARGENTINA/ or argentin\$.mp. or

exp BOLIVIA/ or bolivia\$.mp. or exp BRAZIL/ or brazil\$.mp. or brasil\$.mp. or exp CHILE/ or chile\$.mp. or exp COLOMBIA/ or colombia\$.mp. or exp ECUADOR/ or ecuador\$.mp. or exp French Guiana/ or guiana\$.mp. or exp GUYANA/ or guyan\$.mp. or exp PARAGUAY/ or paraguay\$.mp. or exp PERU/ or peru\$.mp. or exp SURINAME/ or surinam\$.mp. or exp URUGUAY/ or uruguay\$.mp. or exp VENEZUELA/ or venezuel\$.mp. or amazon\$.mp. or andes.mp. or andean\$.mp. or patagoni\$.mp. or exp BELIZE/ or belize\$.mp. or exp Costa Rica/ or costa ric\$.mp. or costaric\$.mp. or costarric\$.mp. or exp El Salvador/ or salvador\$.mp. or exp GUATEMALA/ or guatemala\$.mp. or exp HONDURAS/ or hondur\$.mp. or exp NICARAGUA/ or nicaragu\$.mp. or exp PANAMA/ or paname\$.mp. or panama\$.mp. or exp MEXICO/ or mexic\$.mp. or antill\$.mp. or exp CUBA/ or cuba\$.mp. or exp Dominican Republic/ or dominic\$.mp. or exp HAITI/ or haiti\$.mp. or exp JAMAICA/ or jamaic\$.mp. or exp Caribbean Islands/ or west indies.mp. or exp Puerto Rico/ or Puerto Ric\$.mp. or Puertor\$.mp.

8 6 and 7

- **LILACS**

((MH Meningitis OR meningit\$) AND (MH Streptococcus pneumoniae OR pneumococ\$ OR Streptococcus pneumoni\$ OR S. pneumoni\$ OR neumococ\$ OR s. neumoni\$)) [Palabras]

1.2 . NON-PNEUMONIA, NON-MENINGITIS PNEUMOCOCCAL INVASIVE DISEASE

- **PubMed**

Pneumococcal Infections[Majr] OR ((Sepsis[Mesh] OR bacterem*[tiab] OR septicem*[tiab] OR sepsis[tiab]) AND (Streptococcus pneumoniae[Mesh] OR pneumoniae* [tiab] OR pneumococ*[tiab])) AND (Americas[MeSH Terms:noexp] OR America*[all] OR Latin America[Mesh] OR Latin America*[all] OR Latinamerica*[all] OR Latinoamerica*[all] OR Latin*[all] OR Hispanic Americans[Mesh] OR Hispanic America*[all] OR Hispanoamerica*[all] OR Hispano*[all] OR Hispanic*[all] OR Iberoamerica*[all] OR Ibero Americ*[all] OR Panamerican*[all] OR Central America[Mesh] OR Central America*[all] OR Centroamerica*[all] OR Mesoamerica*[all] OR Meso America*[all] OR Middle America*[all] OR South America[Mesh] OR South America*[all] OR Southamerica*[all] OR Sudamerica*[all] OR America del sur[all] OR Caribbean Region[Mesh] OR Caribbean[all] OR Caribe*[all] OR OR West Indies[Mesh] OR West Indi*[all] OR Antill*[all] OR American Native Continental Ancestry Group[Mesh] OR Amerindian*[all] OR Indians[all] OR American Indian*[all] OR Native America*[all] OR Patagoni*[all] OR Andes[all] OR Andean*[all] OR Amazon*[all] OR Argentina[Mesh] OR Argentina*[ad] OR Argentina*[all] OR Argentina[pl] OR Bolivia[Mesh] OR Bolivia*[ad] OR Bolivia*[all] OR Bolivia[pl] OR Brazil[Mesh] OR Brazil*[ad] OR Brasil*[ad] OR Brazil*[all] OR Brasil*[all] OR Brazil[pl] OR Colombia[Mesh] OR Colombia*[ad] OR Colombia*[all] OR Colombia[pl] OR Chile[Mesh] OR Chile*[ad] OR Chile*[all] OR Chile[pl] OR Ecuador[Mesh] OR Ecuador*[ad] OR Ecuator*[ad] OR Ecuador*[all] OR Ecuador[pl] OR French Guiana[Mesh] OR Guiana*[ad] OR Guiana*[all] OR French Guiana[pl] OR Guyana[Mesh] OR Guyan*[ad] OR Guyan*[all] OR Guyana[pl] OR Paraguay[Mesh] OR Paraguay*[ad] OR Paraguay*[all] OR Paraguay[pl] OR Peru[Mesh] OR Peru*[ad] OR Peru*[all] OR Peru[pl] OR Suriname[Mesh] OR Surinam*[ad] OR Surinam*[all] OR Suriname[pl] OR Uruguay[Mesh] OR Uruguay*[ad] OR Uruguay*[all] OR Uruguay[pl] OR Venezuela[Mesh] OR Venez*[ad] OR Venez*[all] OR Venezuela[pl] OR Belize[Mesh] OR Belize*[ad] OR Belize*[all] OR Belize[pl] OR Costa Rica[Mesh] OR Costa Ric*[ad] OR Costarric*[ad] OR Costaric*[ad] OR Costa Ric*[all] OR Costarric*[all] OR Costaric*[all] Costa Rica[pl] OR El Salvador[Mesh] OR Salvador*[ad] OR Salvador*[all] OR El Salvador[pl] OR Guatemala[Mesh] OR Guatemal*[ad] OR Guatemal*[all] OR Guatemala[pl] OR Honduras[Mesh] OR Hondur*[ad] OR Hondur*[all] OR Honduras[pl] OR Nicaragua[Mesh] OR Nicaragu*[ad] OR Nicaragu*[all] OR Nicaragua[pl] OR Panama[Mesh] OR Panam*[ad] OR Panam*[all] OR Panama[pl] OR Mexico[Mesh] OR Mexic*[ad] OR Mexic*[all] OR Mejjic*[all] OR Mexico[pl] OR Cuba[Mesh] OR Cuba*[ad] OR Cuba*[all] OR Cuba[pl] OR Dominican Republic[Mesh] OR Dominic*[ad] OR Dominic*[all] OR Dominican Republic[pl] OR Haiti[Mesh] OR

Haiti*[ad] OR Haiti*[all] OR Haiti[pl] OR Jamaica[Mesh] OR Jamaic*[ad] OR Jamaic*[all] OR Jamaica[pl] OR Puerto Rico[Mesh] OR Puerto Ric*[all] OR Puertoric*[all] OR Puertoric*[all])

Embase

#

Searches

- 1 exp pneumococcal infection/
- 2 exp SEPSIS/
- 3 exp BACTEREMIA/
- 4 exp Septicemia/
- 5 (sepsis or septicem\$ or bacterem\$).mp.
- 6 or/2-5
- 7 exp Streptococcus pneumoniae/
- 8 (pneumoniae\$ or pneumococ\$).ti,ab.
- 9 7 or 8
- 10 6 and 9
- 11 1 or 10
exp "South and Central America"/ or latin america\$.mp. or latinameric\$.mp. or south america\$.mp. or southamerica\$.mp. or central america\$.mp. or centroamerica\$.mp. or mesoamerica\$.mp. or caribbe\$.mp. or caribe\$.mp. or hispanoamerica\$.mp. or hispano america\$.mp. or hispanic\$.mp. or iberoamerica\$.mp. or ibero america\$.mp. or exp AMERICAN INDIAN/ or indians.mp. or amerind\$.mp. or exp ARGENTINA/ or argentin\$.mp. or exp BOLIVIA/ or bolivia\$.mp. or exp BRAZIL/ or brazil\$.mp. or brasil\$.mp. or exp CHILE/ or chile\$.mp. or exp COLOMBIA/ or colombia\$.mp. or exp ECUADOR/ or ecuador\$.mp. or exp French Guiana/ or guiana\$.mp. or exp GUYANA/ or guyan\$.mp. or exp PARAGUAY/ or paraguay\$.mp. or exp PERU/ or peru\$.mp. or exp SURINAME/ or surinam\$.mp. or exp URUGUAY/ or uruguay\$.mp. or exp VENEZUELA/ or venezuel\$.mp. or amazon\$.mp. or andes.mp. or andean\$.mp. or patagoni\$.mp. or exp BELIZE/ or belize\$.mp. or exp Costa Rica/ or costa ric\$.mp. or costaric\$.mp. or costarric\$.mp. or exp El Salvador/ or salvador\$.mp. or exp GUATEMALA/ or guatemal\$.mp. or exp HONDURAS/ or hondur\$.mp. or exp NICARAGUA/ or nicaragu\$.mp. or exp PANAMA/ or paname\$.mp. or panama\$.mp. or exp MEXICO/ or mexic\$.mp. or antill\$.mp. or exp CUBA/ or cuba\$.mp. or exp Dominican Republic/ or dominic\$.mp. or exp HAITI/ or haiti\$.mp. or exp JAMAICA/ or jamaic\$.mp. or exp Caribbean Islands/ or west indies.mp. or exp Puerto Rico/ or Puerto Ric\$.mp. or Puertoric\$.mp.
- 12
- 13 11 and 12

• LILACS

MH Infecciones Neumocócicas OR ((MH Sepsis OR MH Bacteriemia OR septicem\$ OR seps\$ OR bacterem\$) AND (MH Streptococcus pneumoniae OR pneumoni\$ OR neumoni\$ OR neumococ\$ OR pneumococ\$))