Attachment 1

Search strategies

1. MEDLINE via PubMed: HEV seroprevalence
Records identified/screened: 27 records

Search string:

("hepatitis E"[tiab] OR HEV[tiab] OR anti-HEV[tiab] OR "anti-HEV IgG"[tiab] OR "HEV antibodies"[tiab]) AND (seroprevalen*[tiab] OR seropositiv*[tiab] OR antibody[tiab] OR antibodies[tiab] OR IgG[tiab]) AND (occupational[tiab] OR occupation*[tiab] OR worker*[tiab] OR personnel[tiab] OR staff[tiab]) AND (sewage[tiab] OR sewer*[tiab] OR sewerage[tiab] OR wastewater[tiab] OR "waste water"[tiab] OR sanitation[tiab] OR sanitary[tiab]) NOT (animals[mh] NOT humans[mh])

2. Google Scholar: HEV seroprevalence
Records identified/screened: 42 records

Search string:

"hepatitis E" ("sewage workers" OR "sewer workers" OR "wastewater workers") (seroprevalence OR seropositivity OR "anti-HEV") -pig -swine -boar -"blood donors" -"general population"

3. MEDLINE via PubMed: Clinical cases / incident HEV infection
Records identified/screened: 90 records

Search string:

("hepatitis E"[tiab] OR "hepatitis E virus"[tiab] OR HEV[tiab] OR "acute hepatitis E"[tiab] OR "acute viral hepatitis E"[tiab] OR "enterically transmitted hepatitis"[tiab] OR "non-A non-B hepatitis"[tiab] OR jaundice[tiab]) AND ("sewage worker*"[tiab] OR "sewer worker*"[tiab] OR "sewerage worker*"[tiab] OR "wastewater worker*"[tiab] OR "waste water worker*"[tiab] OR "waste-water worker*"[tiab] OR "sewage treatment plant worker*"[tiab] OR "wastewater treatment plant worker*"[tiab] OR "waste water treatment plant worker*"[tiab] OR "sanitation worker*"[tiab] OR "sanitary worker*"[tiab] OR ((sewage[tiab] OR sewer*[tiab] OR sewerage[tiab] OR wastewater[tiab] OR "waste water"[tiab] OR "waste-water"[tiab] OR "sewage treatment"[tiab] OR "wastewater treatment"[tiab] OR sanitation[tiab] OR sanitary[tiab]) AND (worker*[tiab] OR staff[tiab] OR employee*[tiab] OR personnel[tiab] OR occupational[tiab] OR occupation*[tiab] OR exposed[tiab] OR exposure[tiab]))) AND (disease[tiab] OR illness[tiab] OR infection[tiab] OR outbreak*[tiab] OR case[tiab] OR cases[tiab] OR incidence[tiab] OR morbidity[tiab] OR jaundice[tiab] OR "occupational disease*"[tiab] OR "occupational infection*"[tiab] OR "occupational transmission"[tiab] OR "HEV RNA"[tiab] OR "anti-HEV IgM"[tiab] OR IgM[tiab]) NOT (animals[mh] NOT humans[mh])

4. Google Scholar: Clinical cases / incident HEV infection
Records identified/screened: 31 records

Search string:

"hepatitis E" ("sewage worker" OR "sewer worker" OR "wastewater worker") ("case report" OR outbreak OR seroconversion OR incidence OR "clinical hepatitis" OR "HEV RNA" OR IgM)