

APPENDIX**Appendix 1. Search strategies***PubMed and CINAHL search strings*

(((((("Latent Tuberculosis"[MeSH Terms]) OR ("Latent Tuberculosis")) OR ("Latent Tuberculoses")) OR ("inactive tuberculosis")) OR (LTBI)) OR ("latent TB")) OR ("latent tubercular infection")) OR ("latent tubercular infections"))

AND

(((((((((((((((((((((((((((((((((Pediatrics[MeSH Terms])) OR (pediatrics)) OR (pediatric)) OR (Adolescent[MeSH Terms])) OR (adolescent)) OR (adolescents)) OR (adolescence)) OR (teen)) OR (teens)) OR (teenagers)) OR (teenager)) OR (youth)) OR (youths)) OR (Child[MeSH Terms])) OR (child)) OR (children)) OR (Infant[MeSH Terms])) OR (infant)) OR (infants)) OR (baby)) OR (babies)) OR ("infant, newborn"[MeSH Terms])) OR (neonates)) OR (neonate)) OR (newborn)) OR (newborns))

AND

(((Diagnosis[MeSH Terms]) OR (diagnosis)) OR (diagnoses)) OR (screen)) OR (screening)) OR (examination)) OR (examinations)) OR (PPD)) OR ("purified protein derivative")) OR (igra)) OR ("Interferon-gamma Release Tests")) OR ("Interferon-gamma Release Test")) OR (quantiferon)) OR ("interferon-gamma release assay")) OR ("interferon-gamma release assays")) OR ("Medication Adherence"[MeSH Terms])) OR ("Medication Adherence")) OR ("Patient Compliance"[MeSH Terms])) OR (Adherence)) OR (Nonadherence)) OR ("completion of treatment")) OR ("treatment completion")) OR ("therapy completion")) OR ("completion of therapy")) OR (compliance)) OR (noncompliance)) OR (compliant)) OR (noncompliant)) OR ("Continuity of Patient Care"[MeSH Terms])) OR ("care continuity")) OR ("continuity of care")) OR ("continuum of care")) OR ("care continuum")) OR ("Continuity of Patient Care")) OR ("Lost to Follow-Up"[MeSH Terms])) OR ("Lost to Follow Up")) OR ("loss to follow up")) OR ("drop off")) OR (dropoff)) OR (discontinuation)) OR (Rifampin[MeSH Terms])) OR (Rifamycins[MeSH Terms])) OR (Rifapentine[MeSH Terms])) OR (Isoniazid[MeSH Terms])) OR ("Antitubercular drugs"[MeSH Terms])) OR ("Antibiotics, antitubercular"[MeSH Terms])) OR (Rifampin)) OR (Rifamycin)) OR (Rifamycins)) OR (Rifampicin)) OR (Rifapentine)) OR (Isoniazid)) OR ("care cascade")) OR ("cascade of care")) OR ("care cascades")) OR ("cascades of care")) OR (cascade)) OR (cascades))

Embase search string

(((((("Latent Tuberculosis"/de) OR ("Latent Tuberculosis")) OR ("Latent Tuberculoses")) OR ("inactive tuberculosis")) OR (LTBI)) OR ("latent TB")) OR ("latent tubercular infection")) OR ("latent tubercular infections"))

AND

(((((("Pediatrics"/de) OR (pediatrics)) OR (pediatric)) OR ("Adolescent"/de)) OR (adolescent)) OR (adolescents)) OR (adolescence)) OR (teen)) OR (teens)) OR (teenagers)) OR (teenager)) OR (youth)) OR (youths)) OR ("Child"/de)) OR (child)) OR (children)) OR ("Infant"/de)) OR (infant)) OR (infants)) OR (baby)) OR (babies)) OR ("infant, newborn"/de)) OR (neonates)) OR (neonate)) OR (newborn)) OR (newborns))

AND

(((((("Diagnosis"/de) OR (diagnosis)) OR (diagnoses)) OR (screen)) OR (screening)) OR (examination)) OR (examinations)) OR (PPD)) OR ("purified protein derivative")) OR (igra)) OR ("Interferon-gamma Release Tests")) OR ("Interferon-gamma Release Test")) OR (quantiferon)) OR ("interferon-gamma release assay")) OR ("interferon-gamma release assays")) OR ("Medication Adherence"/de)) OR ("Medication Adherence")) OR ("Patient Compliance"/de)) OR (Adherence)) OR (Nonadherence)) OR ("completion of treatment")) OR ("treatment completion")) OR ("therapy completion")) OR ("completion of therapy")) OR (compliance)) OR (noncompliance)) OR (compliant)) OR (noncompliant)) OR ("Continuity of Patient Care"/de)) OR ("care continuity")) OR ("continuity of care")) OR ("continuum of care")) OR ("care continuum")) OR ("Continuity of Patient Care")) OR ("Lost to Follow-Up"/de)) OR ("Lost to Follow Up")) OR ("loss to follow up")) OR ("drop off")) OR (dropoff)) OR (discontinuation)) OR ("Rifampin"/de)) OR ("Rifamycins"/de)) OR ("Rifapentine"/de)) OR ("Isoniazid"/de)) OR ("Antitubercular drugs"/de)) OR ("Antibiotics, antitubercular"/de)) OR (Rifampin)) OR (Rifamycin)) OR (Rifamycins)) OR (Rifampicin)) OR (Rifapentine)) OR (Isoniazid)) OR ("care cascade")) OR ("cascade of care")) OR ("care cascades")) OR ("cascades of care")) OR (cascade)) OR (cascades))

Cochrane search string

(((((("Latent Tuberculosis") OR ("Latent Tuberculosis")) OR ("Latent Tuberculoses")) OR ("inactive tuberculosis")) OR (LTBI)) OR ("latent TB")) OR ("latent tubercular infection")) OR ("latent tubercular infections"))

AND

(((((("Pediatrics) OR (pediatrics)) OR (pediatric)) OR (Adolescent)) OR (adolescent)) OR (adolescents)) OR (adolescence)) OR (teen)) OR (teens)) OR (teenagers)) OR (teenager)) OR (youth)) OR (youths)) OR (Child)) OR (child)) OR (children)) OR (Infant)) OR (infant)) OR (infants)) OR (baby)) OR (babies)) OR ("infant, newborn")) OR (neonates)) OR (neonate)) OR (newborn)) OR (newborns))

AND

(((((("Diagnosis) OR (diagnosis)) OR (diagnoses)) OR (screen)) OR (screening)) OR (examination)) OR (examinations)) OR (PPD)) OR ("purified protein derivative")) OR (igra)) OR ("Interferon-gamma Release Tests")) OR ("Interferon-

gamma Release Test")) OR (quantiferon)) OR ("interferon-gamma release assay")) OR ("interferon-gamma release assays")) OR ("Medication Adherence")) OR ("Medication Adherence")) OR ("Patient Compliance")) OR (Adherence)) OR (Nonadherence)) OR ("completion of treatment")) OR ("treatment completion")) OR ("therapy completion")) OR ("completion of therapy")) OR (compliance)) OR (noncompliance)) OR (compliant)) OR (noncompliant)) OR ("Continuity of Patient Care")) OR ("care continuity")) OR ("continuity of care")) OR ("continuum of care")) OR ("care continuum")) OR ("Continuity of Patient Care")) OR ("Lost to Follow-Up")) OR ("Lost to Follow Up")) OR ("loss to follow up")) OR ("drop off")) OR (dropoff)) OR (discontinuation)) OR (Rifampin)) OR (Rifamycins)) OR (Rifapentine)) OR (Isoniazid)) OR ("Antitubercular drugs")) OR ("Antibiotics, antitubercular")) OR (Rifampin)) OR (Rifamycin)) OR (Rifamycins)) OR (Rifampicin)) OR (Rifapentine)) OR (Isoniazid)) OR ("care cascade")) OR ("cascade of care")) OR ("care cascades")) OR ("cascades of care")) OR (cascade)) OR (cascades)