Appendix 1: Proposed search strategy for MEDLINE, EMBASE and Global Health

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy:

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1   tuberculosis/ or exp tuberculosis, pulmonary/ (120663)

2   tuberc*.mp. (232310)

3   1 or 2 (232668)

4   exp Hospitalization/ (168145)

5   in-hospital.mp. (56173)

6   hospitalization.mp. (137044)

7   hospitalized.mp. (72827)

8   or/4-7 (306697)

9   3 and 8 (3597)

10   mortality/ or hospital mortality/ (60707)

11   mortalit*.mp. (537083)

12   10 or 11 (537083)

13   9 and 12 (585)

14   "Treatment outcome of new smear positive pulmonary tuberculosis patients in Penang, Malaysia".fc_titl. (1)

15   "Predictive factors for mortality among non-HIV-infected patients with pulmonary tuberculosis and respiratory failure".fc_titl. (1)

16   "Hospitalizations for Tuberculosis in the United States in 2000".fc_titl. (1)

17   "Initial presentations predict mortality in pulmonary tuberculosis patients".fc_titl. (1)

18   "Risk factors related with mortality in patient with pulmonary tuberculosis".fc_titl. (1)

19   "Factors associated with mortality in hospitalized patients with newly diagnosed tuberculosis".fc_titl. (1)

20   "High mortality in adults hospitalized for active tuberculosis in a low HIV prevalence setting".fc_titl. (1)

21   "Mortality of Patients Hospitalized for Active Tuberculosis in Israel".fc_titl. (1)

22   "Prognostic factors in tuberculosis related mortalities in hospitalized patients".fc_titl. (1)

23   "Factors associated with mortality in tuberculosis patients".fc_titl. (1)

24   or/14-23 (10)

25   13 and 24 (8)

26   24 not 25 (2)

EMBASE

Database: Embase <1974 to 2014 November 25>

Search Strategy:

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1   tuberculosis/ or lung tuberculosis/ (158425)

2   tubercul*.mp. (259935)

3   1 or 2 (259935)

4   hospitalization/ or hospitalization.mp. (268589)

5   hospitalized.mp. (93919)

6   in-hospital.mp. (80244)

7   or/4-6 (390925)

8   3 and 7 (5236)

9   mortality/ (537684)

10   mortalit*.mp. (919964)

11   9 or 10 (919964)

12   8 and 11 (1082)

Global Health

Database: Global Health <1973 to 2014 Week 46>

Search Strategy:

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1   "Treatment outcome of new smear positive pulmonary tuberculosis patients in Penang, Malaysia".fc_titl. (1)

2   "Predictive factors for mortality among non-HIV-infected patients with pulmonary tuberculosis and respiratory failure".fc_titl. (1)

3   "Hospitalizations for Tuberculosis in the United States in 2000".fc_titl. (0)

4   "Initial presentations predict mortality in pulmonary tuberculosis patients".fc_titl. (1)

5   "Risk factors related with mortality in patient with pulmonary tuberculosis".fc_titl. (0)

6   "Factors associated with mortality in hospitalized patients with newly diagnosed tuberculosis".fc_titl. (1)

7   "High mortality in adults hospitalized for active tuberculosis in a low HIV prevalence setting".fc_titl. (1)

8   "Mortality of Patients Hospitalized for Active Tuberculosis in Israel".fc_titl. (0)

9   "Prognostic factors in tuberculosis related mortalities in hospitalized patients".fc_titl. (0)

10   "Factors associated with mortality in tuberculosis patients".fc_titl. (0)

11   or/1-10 (5)

12   exp tuberculosis/ (33746)

13   tubercul*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] (44028)

14   12 or 13 (44028)

15   hospital admission/ or hospital care/ or hospital stay/ (5944)

16   hospitalized.mp. (18553)

17   hospitalization.mp. (14788)

18   in-hospital.mp. (9822)

19   or/15-18 (40604)

20   14 and 19 (1212)

21   hospital*.mp. (170115)

22   19 or 21 (170115)

23   14 and 22 (6555)

24   mortality/ (61921)

25   mortalit*.mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes] (113527)

26   24 or 25 (113527)

27   20 and 26 (340)

28   23 and 26 (1029)