

Supplementary Material III: Search strategies

The previous NICE review¹ on the same topic was used as a framework for the search strategy and extended to the non-Organisation for Economic Co-operation and Development (OECD), countries of the European Union and European Economic Area and to the two newly included hard-to-reach groups (people living with HIV co-infected with TB and children within vulnerable and hard-to-reach populations). The search for the NICE review¹ was subtracted from our search to prevent double screening of records. The search was conducted by René Spijker, clinical librarian at the Academic Medical Center in Amsterdam, the Netherlands. All studies identified by the search were imported to an Endnote database. The original search was done on the 10th of December 2014 and updated on the 10th of April 2015 and 24th of February 2017.

The following two databases were used for the search:

- MEDLINE(R) In-Process & Other Non-Indexed Citations (OvidSP)
- Embase Classic + Embase

Database	Hits
Medline + Medline In-Process	12,519
Embase	16,079
Total	19,720

References:

1. Rizzo M, Martin A, Jamal F, et al. Evidence review on the effectiveness and cost-effectiveness of service models or structures to manage tuberculosis in hard-to-reach groups. London: Matrix evidence/National Institute for Health and Clinical Excellence 2011. <https://www.nice.org.uk/guidance/PH37/documents/review-4-evidence-review-on-the-effectiveness-and-cost-effectiveness-of-service-models-or-structures-to-manage-tuberculosis-in-hardtoeach-groups-2> (last assessed March 2017).

1. Search in Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) 1946 to Present

Hits: 12,519

1	exp *tuberculosis/ or (tuberculosis or tb).ti,ab.
2	((hard\$ adj2 reach) or (hard\$ adj2 locate) or (hard\$ adj2 find) or (hard\$ adj2 treat) or (difficult adj2 locate) or (difficult adj2 engage) or social\$ exclu\$ or social inequalit\$ or (difficult\$ adj2 reach) or (difficult\$ adj2 find) or (difficult\$ adj2 treat) or (christian* or church* or chapel* or priest* or vicar* or catholic* or catholicism or protestant* or methodist* or baptist* or Jehovah* or presbyterian* or anglican* or pentecostal*) or (muslim* or islam* or mosque* or imam*).ti,ab. or exp *Jew/ or (jew* or judaism* or synagogue*).ti,ab. or exp *religion/ or (christian* or church* or chapel* or priest* or vicar* or catholic* or catholicism or protestant* or methodist* or baptist* or Jehovah* or presbyterian* or anglican* or pentecostal*).ti,ab. or (jew* or judaism* or synagogue*).ti,ab. or (sikh* or hindu* or buddhis* or temple*).ti,ab. or ((religion* or religious* or faith*) and (people* or person* or group* or population or neighbour* or neighbor* or patient* or communit*).ti,ab.
3	((geograph\$ or transport\$ or physical) and barrier\$).ti,ab.
4	((low\$ or poor\$ or negative) and (quality adj2 life)).ti,ab.
5	((vulnerable or disadvantaged or at risk or high risk or low socioeconomic status or neglect\$ or affected or marginal\$ or forgotten or non-associative or unengaged or hidden or excluded or transient or inaccessible or underserved or stigma\$ or inequitable) and (people or population\$ or communit\$ or neighbourhood\$1 or neighborhood\$1 or group\$ or area\$1 or demograph\$ or patient\$ or social\$)).ti,ab. or exp *vulnerable population/
6	*poverty/
7	(refuser\$1 or nonuser\$1 or non-user\$1 or non user\$1 or discriminat\$ or shame or prejud\$ or racism or racial discriminat\$).ti,ab.
8	*social support/ or exp *social status/ or *social stigma/ or exp *social isolation/ or exp *"quality of life"/ or exp *prejudice/ or exp *socioeconomics/
9	prisoner\$1.ti,ab.
10	(recent\$ adj2 release\$ adj2 (inmate\$ or prison\$ or detainee\$ or felon\$ or offender\$ or convict\$ or custod\$ or detention or incarcerat\$ or correctional or jail\$ or penitentiary\$)).ti,ab.
11	((prison\$ or penal or penitentiary\$ or correctional facilit\$ or jail\$ or detention centre\$ or detention center\$) and (guard\$1 or population or inmate\$ or system\$ or remand or detainee\$ or felon\$ or offender\$1 or convict\$ or abscond\$)).ti,ab.
12	(parole or probation).ti,ab.
13	exp *prisoner/
14	((custodial adj (care or sentence)) or (incarceration or incarcerated or imprisonment)).ti,ab.
15	(immobile or (disabled and (house bound or home bound)) or ((house or home) adj3 bound)).ti,ab. or exp *homebound patient/
16	((hous\$ and (quality or damp\$ or standard\$ or afford\$ or condition\$ or dilapidat\$)) or ((emergency or temporary or inadequate or poor\$ or overcrowd\$ or over-crowd\$ or over-subscribed) and (hous\$ or accommodation or shelter\$ or hostel\$ or dwelling\$))).ti,ab. or exp *housing/
17	(rough sleep\$ or runaway\$1 or ((homeless\$ or street or destitut\$) and (population or person\$1 or people or group\$ or individual\$1 or shelter\$ or hostel\$ or accommodation\$1))).ti,ab. or exp *homelessness/
18	((drug\$ or substance) and (illegal or misus\$ or abuse or intravenous or IV or problem use\$ or illicit use\$ or addict\$ or dependen\$ or dependant or delinquency)).ti,ab. or exp *addiction/
19	((alcohol\$ and (misus\$ or abuse or problem\$ use\$ or problem drink\$ or illicit use\$ or addict\$ or dependen\$ or delinquency)) or alcoholic\$1).ti,ab.
20	(prostitution or sex work\$ or transactional sex\$ or prostitute\$1).ti,ab. or Prostitution/
21	(poverty or deprivation or financial hardship\$).ti,ab.
22	((low-income or low income or low pay or low paid or poor or deprived or debt\$ or arrear\$) and (people or person\$1 or population\$1 or communit\$ or group\$ or social group\$ or neighbourhood\$1 or neighborhood\$1 or famil\$)).ti,ab. or exp *lowest income group/
23	*poverty/
24	(low\$ and social class\$).ti,ab.

25	(traveller\$1 or gypsies or gypsy or Romany or roma).ti,ab. or exp *"Romani (people)"/
26	(mental\$ and (health or ill or illness)).ti,ab. or *mental patient/ or exp *mental health/
27	(health care worker\$1 or (health care adj2 service provi\$) or (health-care adj2 provi\$) or (((community adj1 leader\$) or (community adj1 (Manag\$ or advocat\$ or champion\$))) and (engag\$ or involv\$)).ti,ab.
28	(complex adj2 (patient\$ or Need\$)).ti,ab.
29	(outreach adj2 worker\$1).ti,ab. or exp *health auxiliary/
30	(support adj2 worker\$1).ti,ab.
31	(case adj2 worker\$1).ti,ab.
32	(social adj2 worker\$1).ti,ab.
33	social care professional\$1.ti,ab.
34	((social care adj2 service provi\$) or (social-care adj2 provi\$)).ti,ab.
35	((language\$ or communicat\$) and (barrier\$ or understand\$ or strateg\$ or proficien\$) or translat\$ or interpret\$ or (cultur\$ and competen\$)).ti,ab. or *language ability/
36	(immigrant\$ or migrant\$ or asylum or refugee\$ or undocumented or foreign born or (born adj overseas) or (displaced and (people or person\$1))).ti,ab. or exp *refugee/
37	exp *migrant/
38	*immigration/
39	or/2-38
40	Intervention\$.ti,ab. or exp *crisis intervention/
41	((early or primary) adj2 Intervention\$).ti,ab.
42	((person\$ or individual or local\$ or community or cultural or structural or supported or indicated or target\$ or multi?component or comprehensive or pilot or media) and Intervention\$).ti,ab.
43	((midstream or mid-stream) and intervention\$).ti,ab.
44	(Identify\$ or find or finding or locat\$ or trac\$ or contact\$ or discover\$ or detect or recruit\$ or attract\$).ti,ab.
45	(case finding or ((active or passive) adj3 case finding)).ti,ab.
46	((program\$ or scheme\$1 or service\$1 or campaign\$ or mobili?ation or strateg\$ or measure or policy or policies) and (tuberculosis or tb)).ti,ab.
47	((case adj3 management) or case-managed).ti,ab. or *case management/ or *patient care planning/ or *case management/ or exp *health care management/
48	(case adj3 manag\$ adj3 strategy).ti,ab. or continuity of * patient care/
49	((treat\$ or diagnosis) and management).ti,ab.
50	((active or passive) and (Case adj3 Management)).ti,ab.
51	(risk assess\$ or risk profile or risk Indicator or care plan\$).ti,ab.
52	(service and (model\$ or deliver\$)).ti,ab. or delivery of * health care/ or *health service/
53	((primary adj3 healthcare) or ((primary adj3 health\$) or care)).ti,ab. or exp *primary health care/
54	(nurse or ((general or family) adj3 (practice\$ or practitioner\$ or physicians\$ or doctor\$)).ti,ab. or exp *nurse/ or (exp *tuberculosis/ or (tuberculosis or tb).ti,ab.) or exp *general practice/
55	((health or extension or multi-disciplinary or multidisciplinary) and (professional\$ or personal\$ or practitioner or worker\$ or partner\$ or promot\$ or provider or care team or care provider or unit or casework\$ or (case adj2 work\$))).ti,ab. or *health care personnel/ or exp *nursing assistant/
56	(social adj2 (work\$ or Support\$ or Outreach)).ti,ab. or *social work/ or *social support/
57	(volunteer\$ or voluntary or charit\$ or third sector).ti,ab. or *voluntary worker/ or exp *health care organization/
58	(health adj1 (center\$1 or centre\$1 or facilit\$ or service\$ or clinic\$1 or hospital\$1 or program\$1)).ti,ab. or *public health/ or *residential care/
59	((day adj2 (care or hospital\$ or patient\$)) or workshop\$).ti,ab. or *day care/
60	rehab\$.ti,ab. or *rehabilitation center/
61	((dedicated or permanent or rapid access or fixed or TB or tuberculosis) and (clinic\$1 or centre\$1 or center\$1 or program\$)).ti,ab.
62	((drug adj2 dependency) or substance abuse or HIV) and (unit\$ or clinic\$1 or centre\$1 or center\$1 or program\$) and (tuberculosis or tb)).ti,ab.
63	(pharmac\$ or dispensary).ti,ab. or *pharmacy/

64	(communit\$ or (support\$ adj2 communit\$)).ti,ab. or *community care/ or *health auxiliary/ or *public relations/ or *community hospital/ or *community health nursing/
65	(directly observed treatment or directly observed therapy or (supervised adj2 treatment) or (coerc\$ adj2 (treat\$ or therapy))).ti,ab. or Directly Observed Therapy/
66	(ambulatory adj2 care).ti,ab. or exp *ambulatory care/
67	((mobile or travel\$ or transport\$ or workplace or work-place or tertiary) and (health adj3 (care or work\$ or practitioner\$ or professional\$ or service\$ or center\$1 or centre\$1 or unit\$1 or program\$))).ti,ab. or *preventive health service/
68	((mobile or travel\$ or transport\$ or workplace or work-place or tertiary) and (nurs\$ or doctor\$)).ti,ab.
69	((out adj3 hours) or (after adj3 hours) or telephone or telemedicine).ti,ab. or after-hours care/ or exp *telehealth/ or *emergency care/ or *health care delivery/
70	((walk-in or walkin or walk in) adj2 (center\$1 or centre\$1 or service or program\$ or Clinic\$1 or Session or Assessment\$1)).ti,ab.
71	(drop\$ adj1 in adj2 (center\$1 or centre\$1 or service or program\$ or clinic\$1 or session or meeting or assesment\$1)).ti,ab.
72	((health or home\$ or house\$) and (call\$ or visit\$)) or (home-care or home-based or (support\$ adj1 hous\$)).ti,ab. or Home Health Aides/ or *health auxiliary/ or exp *home care/
73	((early adj2 discharge) or (recent\$ adj2 discharged) or (out adj2 patient)).ti,ab. or *patient care/ or *outpatient department/
74	(counselling or counseling or counsellor or counselor or (integrated counselling adj1 testing centre\$1) or (integrated counselling adj1 testing center\$1) or ICTC).ti,ab. or *counseling/ or *directive counseling/
75	((help adj2 group\$) or (self adj2 help) or support\$ or (peer adj2 peer)).ti,ab. or *self help/
76	(collaborat\$ or shared or (integrated adj1 care\$) or ICP or network\$ or co-locat\$ or (one adj1 stop)).ti,ab. or *integrated health care system/
77	((health adj2 education) or (skill adj2 mix) or (role adj2 develop\$) or leadership or ((interdisciplinary or inter-team or Professional or team) adj2 communicate\$)).ti,ab. or exp *health education/ or exp *interdisciplinary communication/ or *leadership/ or *doctor patient relation/ or *nurse patient relationship/ or patient relationship*.ti,ab.
78	((outreach or mobile\$ or satellite\$ or hub or spoke or rural or urban or street or pavement\$1 or sidewalk\$1 or corner or shelter or hostel or sanatorium or sanitorium or sanitarium) and (tuberculosis or tb)).ti,ab.
79	((outreach or mobile\$ or satellite\$ or hub or spoke or rural or urban or street or pavement\$1 or sidewalk\$1 or corner or shelter or hostel or sanatorium or sanitorium or sanitarium) and (tuberculosis or tb)).ti,ab.
80	or/40-79
81	test\$.ti,ab.
82	(examination\$1 or assessment\$1 or identification or assay\$ or detection).ti,ab.
83	diagnosi\$.ti,ab. or *diagnostic test/
84	((chest adj2 x?ray) or chest radiograph or MXU).ti,ab. or *thorax radiography/
85	(screen\$ or (new\$ adj1 screen\$)).ti,ab.
86	(monitor\$ or sampling).ti,ab.
87	((target\$ or focus\$ or community or population or individual\$ or person\$ or opportunistic or coerc\$ or voluntary or initiated) and (test\$ or diagnosis or screen\$ or assay\$ or detection)).ti,ab.
88	PIT.ti,ab.
89	provider initiated test\$.ti,ab.
90	((rapid or prompt or quick\$ or earl\$ or (point adj2 care)) and (test\$ or screen\$ or diagnosi\$ or assay\$ or detection)).ti,ab.
91	((provider or anonymous or accurate or support\$ or incentiv\$ or counsel\$) and (test\$ or diagnosis or screen\$ or assay\$)).ti,ab. or *anonymous testing/
92	(test\$ adj2 (center\$1 or centre\$1 or unit\$1 or setting)).ti,ab.
93	or/81-92
94	(acceptability or acceptable or attend\$ or access\$ or availab\$ or non-attend\$ or increas\$ or promot\$ or opt\$ or particip\$ or adhere\$ or involvement or uptake or take-up or utiliz\$ or utilis\$ or refus\$ or referr\$ or self-referr\$ or self-report\$ or barrier\$ or decreas\$ or isolation or interven\$ or aware\$ or opportunit\$ or advice or information or incentiv\$ or recruit\$ or

	find or finding or compliance or comply or retain or retention or provision or encour\$ or usage).ti,ab.
95	(socio sanitary support or reimburs\$ or (social adj2 support) or ((cash or financial or money or monetary or economic or voucher or credit or drug\$1 or methadone or telephone) adj2 (benefit\$ or support or incentive or assist\$ or credit))).ti,ab.
96	((lifestyle or behavio?r) adj2 (therapy or modif\$ or chang\$ or adapt\$ or adopt\$)) and (tuberculosis or tb)).ti,ab. or *social marketing/
97	*marketing/
98	*attitude to health/
99	*health care delivery/
100	*access to information/
101	*confidentiality/
102	*Health education/
103	*health promotion/
104	*patient compliance/
105	*motivation/
106	Stigma.ti,ab.
107	*prevalence/
108	*patient participation/
109	*patient attitude/ or *refusal to participate/ or *treatment refusal/
110	or/94-109
111	treat\$.ti,ab. or Treatment Outcome/
112	(directly observed treatment or directly observed therapy or (supervised adj2 treatment) or (coerc\$ adj2 (treat\$ or therapy))).ti,ab. or *directly observed therapy/
113	(disease management or (treat\$ and (management or control))).ti,ab.
114	((adherence or compli\$ or non-compli\$ or default\$ or finish\$ or Retention or attrition or (drop adj1 out) or disappear\$ or abscond\$) and treat\$.ti,ab. or exp *patient compliance/
115	((referr\$ or self-referr\$ or (self adj diagnos\$)) and treat\$.ti,ab.
116	((suitab\$ or eligib\$) and treat\$.ti,ab.
117	((follow adj1 up) or discharge).ti,ab. or *follow up/
118	((positive or negative) and test).ti,ab.
119	((interrupt\$ or relapse\$ or stop\$ or cessation or with?ld\$ or avoidance or (lost adj2 follow)) and treat\$.ti,ab. or *treatment withdrawal/
120	((medicine\$1 or drug or treat\$) and (regimen or adherence)).ti,ab. or exp *self care/
121	(treat\$ and (appointment\$ or Schedule\$)).ti,ab. or *patient scheduling/
122	((care adj2 seeking) and pathway\$.ti,ab.
123	((case adj3 management) or case-managed).ti,ab. or Case Management/ or *patient care planning/ or *health insurance/
124	(case adj3 manag\$ adj3 strategy).ti,ab. or continuity.mp. or *patient care/ [mp=title, abstract, subject headings, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]
125	((case or treat\$ or diagnosis) and management).ti,ab.
126	((risk assessment or care plan\$) and (case adj3 management)).ti,ab.
127	((active or passive) and (case adj3 management)).ti,ab.
128	or/111-127
129	1 and 39 and (80 or (93 and (110 or 128)))
130	limit 129 to yr="1990 -Current"
131	limit 130 to "english language"
132	(exp animal/ or animal.hw. or nonhuman/) not (exp human/ or human cell/ or (human or humans).ti.)
133	131 not 132
134	limit 133 to yr="1990 - 2010"
135	(albania or bulgaria or cyprus or croatia or latvia or lithuania or luxembourg or malta or montenegro or romania or serbia or yugoslav or turkey).ti,ab,hw,in.
136	1 and 135 and (80 or (93 and (110 or 128)))
137	limit 136 to yr="1990 -Current"
138	137 not 132

139	138 not 130
140	133 not 134
141	139 or 140

2. Search in Embase Classic + Embase 1947 to 2014 December 2008

Ovid

Hits: 16,079

1	exp *tuberculosis/ or (tuberculosis or tb).ti,ab.
2	((hard\$ adj2 reach) or (hard\$ adj2 locate) or (hard\$ adj2 find) or (hard\$ adj2 treat) or (difficult adj2 locate) or (difficult adj2 engage) or social\$ exclu\$ or social inequalit\$ or (difficult\$ adj2 reach) or (difficult\$ adj2 find) or (difficult\$ adj2 treat) or (christian* or church* or chapel* or priest* or vicar* or catholic* or catholicism or protestant* or methodist* or baptist* or Jehovah* or presbyterian* or anglican* or pentecostal*) or (muslim* or islam* or mosque* or imam*)).ti,ab. or exp *Jew/ or (jew* or judaism* or synagogue*).ti,ab. or exp *religion/ or (christian* or church* or chapel* or priest* or vicar* or catholic* or catholicism or protestant* or methodist* or baptist* or Jehovah* or presbyterian* or anglican* or pentecostal*).ti,ab. or (jew* or judaism* or synagogue*).ti,ab. or (sikh* or hindu* or buddhis* or temple*).ti,ab. or ((religion* or religious* or faith*) and (people* or person* or group* or population or neighbour* or neighbor* or patient* or communit*)).ti,ab.
3	((geograph\$ or transport\$ or physical) and barrier\$).ti,ab.
4	((low\$ or poor\$ or negative) and (quality adj2 life)).ti,ab.
5	((vulnerable or disadvantaged or at risk or high risk or low socioeconomic status or neglect\$ or affected or marginal\$ or forgotten or non-associative or unengaged or hidden or excluded or transient or inaccessible or underserved or stigma\$ or inequitable) and (people or population\$ or communit\$ or neighbourhood\$1 or neighborhood\$1 or group\$ or area\$1 or demograph\$ or patient\$ or social\$)).ti,ab. or exp *vulnerable population/
6	*poverty/
7	(refuser\$1 or nonuser\$1 or non-user\$1 or non user\$1 or discriminat\$ or shame or prejud\$ or racism or racial discriminat\$).ti,ab.
8	*social support/ or exp *social status/ or *social stigma/ or exp *social isolation/ or exp *"quality of life"/ or exp *prejudice/ or exp *socioeconomics/
9	prisoner\$1.ti,ab.
10	(recent\$ adj2 release\$ adj2 (inmate\$ or prison\$ or detainee\$ or felon\$ or offender\$ or convict\$ or custod\$ or detention or incarcerat\$ or correctional or jail\$ or penitentiari\$)).ti,ab.
11	((prison\$ or penal or penitentiari\$ or correctional facilit\$ or jail\$ or detention centre\$ or detention center\$) and (guard\$1 or population or inmate\$ or system\$ or remand or detainee\$ or felon\$ or offender\$1 or convict\$ or abscond\$)).ti,ab.
12	(parole or probation).ti,ab.
13	exp *prisoner/
14	((custodial adj (care or sentence)) or (incarceration or incarcerated or imprisonment)).ti,ab.
15	(immobile or (disabled and (house bound or home bound)) or ((house or home) adj3 bound)).ti,ab. or exp *homebound patient/
16	((hous\$ and (quality or damp\$ or standard\$ or afford\$ or condition\$ or dilapidat\$)) or ((emergency or temporary or inadequate or poor\$ or overcrowd\$ or over-crowd\$ or over-subscribed) and (hous\$ or accommodation or shelter\$ or hostel\$ or dwelling\$)).ti,ab. or exp *housing/
17	(rough sleep\$ or runaway\$1 or ((homeless\$ or street or destitut\$) and (population or person\$1 or people or group\$ or individual\$1 or shelter\$ or hostel\$ or accommodation\$1)).ti,ab. or exp *homelessness/
18	((drug\$ or substance) and (illegal or misus\$ or abuse or intravenous or IV or problem use\$ or illicit use\$ or addict\$ or dependen\$ or dependant or delinquency)).ti,ab. or exp *addiction/

19	((alcohol\$ and (misus\$ or abuse or problem\$ use\$ or problem drink\$ or illicit use\$ or addict\$ or dependen\$ or delinquency)) or alcoholic\$1).ti,ab.
20	(prostitution or sex work\$ or transactional sex\$ or prostitute\$1).ti,ab. or Prostitution/
21	(poverty or deprivation or financial hardship\$).ti,ab.
22	((low-income or low income or low pay or low paid or poor or deprived or debt\$ or arrear\$) and (people or person\$1 or population\$1 or communit\$ or group\$ or social group\$ or neighbourhood\$1 or neighborhood\$1 or famil\$)).ti,ab. or exp *lowest income group/
23	*poverty/
24	(low\$ and social class\$).ti,ab.
25	(traveller\$1 or gypsies or gypsy or Romany or roma).ti,ab. or exp *"Romani (people)"/
26	(mental\$ and (health or ill or illness)).ti,ab. or *mental patient/ or exp *mental health/
27	(health care worker\$1 or (health care adj2 service provi\$) or (health-care adj2 provi\$) or (((community adj1 leader\$) or (community adj1 (Manag\$ or advocat\$ or champion\$))) and (engag\$ or involv\$)).ti,ab.
28	(complex adj2 (patient\$ or Need\$)).ti,ab.
29	(outreach adj2 worker\$1).ti,ab. or exp *health auxiliary/
30	(support adj2 worker\$1).ti,ab.
31	(case adj2 worker\$1).ti,ab.
32	(social adj2 worker\$1).ti,ab.
33	social care professional\$1.ti,ab.
34	((social care adj2 service provi\$) or (social-care adj2 provi\$)).ti,ab.
35	((language\$ or communicat\$) and (barrier\$ or understand\$ or strateg\$ or proficien\$)) or translat\$ or interpret\$ or (cultur\$ and competen\$)).ti,ab. or *language ability/
36	(immigrant\$ or migrant\$ or asylum or refugee\$ or undocumented or foreign born or (born adj overseas) or (displaced and (people or person\$1))).ti,ab. Or exp *refugee/
37	exp *migrant/
38	*immigration/
39	or/2-38
40	Intervention\$.ti,ab. or exp *crisis intervention/
41	((early or primary) adj2 Intervention\$).ti,ab.
42	((person\$ or individual or local\$ or community or cultural or structural or supported or indicated or target\$ or multi?component or comprehensive or pilot or media) and Intervention\$).ti,ab.
43	((midstream or mid-stream) and intervention\$).ti,ab.
44	(Identify\$ or find or finding or locat\$ or trac\$ or contact\$ or discover\$ or detect or recruit\$ or attract\$).ti,ab.
45	(case finding or ((active or passive) adj3 case finding)).ti,ab.
46	((program\$ or scheme\$1 or service\$1 or campaign\$ or mobili?ation or strateg\$ or measure or policy or policies) and (tuberculosis or tb)).ti,ab.
47	((case adj3 management) or case-managed).ti,ab. or *case management/ or *patient care planning/ or *case management/ or exp *health care management/
48	(case adj3 manag\$ adj3 strategy).ti,ab. or continuity of *patient care/
49	((treat\$ or diagnosis) and management).ti,ab.
50	((active or passive) and (Case adj3 Management)).ti,ab.
51	(risk assess\$ or risk profile or risk Indicator or care plan\$).ti,ab.
52	(service and (model\$ or deliver\$)).ti,ab. or delivery of *health care/ or *health service/
53	((primary adj3 healthcare) or ((primary adj3 health\$) or care)).ti,ab. or exp *primary health care/
54	(nurse or ((general or family) adj3 (practice\$ or practitioner\$ or physicians\$ or doctor\$))).ti,ab. Or exp *nurse/ or (exp *tuberculosis/ or (tuberculosis or tb).ti,ab.)) or exp *general practice/
55	((health or extension or multi-disciplinary or multidisciplinary) and (professional\$ or personal\$ or practitioner or worker\$ or partner\$ or promot\$ or provider or care team or care provider or unit or casework\$ or (case adj2 work\$))).ti,ab. or *health care

	personnel/ or exp *nursing assistant/
56	(social adj2 (work\$ or Support\$ or Outreach)).ti,ab. or *social work/ or *social support/
57	((lay or allied or link) and (professional\$ or practitioner\$1 or worker\$1 or advocate\$1 or personnel)).ti,ab. or *paramedical personnel//
58	(volunteer\$ or voluntary or charit\$ or third sector).ti,ab. or *voluntary worker/ or exp *health care organization/
59	(health adj1 (center\$1 or centre\$1 or facilit\$ or service\$ or clinic\$1 or hospital\$1 or program\$1)).ti,ab. or *public health/ or *residential care/
60	((day adj2 (care or hospital\$ or patient\$)) or workshop\$).ti,ab. or *day care/
61	rehab\$.ti,ab. or *rehabilitation center/
62	((dedicated or permanent or rapid access or fixed or TB or tuberculosis) and (clinic\$1 or centre\$1 or center\$1 or program\$)).ti,ab.
63	((drug adj2 dependency) or substance abuse or HIV) and (unit\$ or clinic\$1 or centre\$1 or center\$1 or program\$) and (tuberculosis or tb)).ti,ab.
64	(pharmac\$ or dispensary).ti,ab. Or *pharmacy/
65	(communit\$ or (support\$ adj2 communit\$)).ti,ab. or *community care/ or *health auxiliary/ or *public relations/ or *community hospital/ or *community health nursing/
66	(directly observed treatment or directly observed therapy or (supervised adj2 treatment) or (coerc\$ adj2 (treat\$ or therapy))).ti,ab. or Directly Observed Therapy/
67	(ambulatory adj2 care).ti,ab. or exp *ambulatory care/
68	((mobile or travel\$ or transport\$ or workplace or work-place or tertiary) and (health adj3 (care or work\$ or practitioner\$ or professional\$ or service\$ or center\$1 or centre\$1 or unit\$1 or program\$))).ti,ab. or *preventive health service/
69	((mobile or travel\$ or transport\$ or workplace or work-place or tertiary) and (nurs\$ or doctor\$)).ti,ab.
70	((out adj3 hours) or (after adj3 hours) or telephone or telemedicine).ti,ab. or after-hours care/ or exp *telehealth/ or *emergency care/ or *health care delivery/
71	((walk-in or walkin or walk in) adj2 (center\$1 or centre\$1 or service or program\$ or Clinic\$1 or Session or Assesment\$1)).ti,ab.
72	(drop\$ adj1 in adj2 (center\$1 or centre\$1 or service or program\$ or clinic\$1 or session or meeting or assesment\$1)).ti,ab.
73	((health or home\$ or house\$) and (call\$ or visit\$)) or (home-care or home-based or (support\$ adj1 hous\$)).ti,ab. or Home Health Aides/ or *health auxiliary/ or exp *home care/
74	((early adj2 discharge) or (recent\$ adj2 discharged) or (out adj2 patient)).ti,ab. or *patient care/ or *outpatient department/
75	(counselling or counseling or counsellor or counselor or (integrated counselling adj1 testing centre\$1) or (integrated counselling adj1 testing center\$1) or ICTC).ti,ab. or *counseling/ or *directive counseling/
76	((help adj2 group\$) or (self adj2 help) or support\$ or (peer adj2 peer)).ti,ab. Or *self help/
77	(collaborat\$ or shared or (integrated adj1 care\$) or ICP or network\$ or co-locat\$ or (one adj1 stop)).ti,ab. or *integrated health care system/
78	((health adj2 education) or (skill adj2 mix) or (role adj2 develop\$) or leadership or ((interdisciplinary or inter-team or Professional or team) adj2 communicate\$)).ti,ab. or exp *health education/ or exp *interdisciplinary communication/ or *leadership/ or *doctor patient relation/ or *nurse patient relationship/ or patient relationship*.ti,ab.
79	((outreach or mobile\$ or satellite\$ or hub or spoke or rural or urban or street or pavement\$1 or sidewalk\$1 or corner or shelter or hostel or sanatorium or sanitorium or sanitarium) and (tuberculosis or tb)).ti,ab.
80	or/40-79
81	test\$.ti,ab.
82	(examination\$1 or assessment\$1 or identification or assay\$ or detection).ti,ab.
83	diagnosi\$.ti,ab. or *diagnostic test/

84	((chest adj2 x?ray) or chest radiograph or MXU).ti,ab. or *thorax radiography/
85	(screen\$ or (new\$ adj1 screen\$)).ti,ab.
86	(monitor\$ or sampling).ti,ab.
87	((target\$ or focus\$ or community or population or individual\$ or person\$ or opportunistic or coerc\$ or voluntary or initiated) and (test\$ or diagnosis or screen\$ or assay\$ or detection)).ti,ab.
88	PIT.ti,ab.
89	provider initiated test\$.ti,ab.
90	((rapid or prompt or quick\$ or earl\$ or (point adj2 care)) and (test\$ or screen\$ or diagnosi\$ or assay\$ or detection)).ti,ab.
91	((provider or anonymous or accurate or support\$ or incentiv\$ or counsel\$) and (test\$ or diagnosis or screen\$ or assay\$)).ti,ab. or *anonymous testing/
92	(test\$ adj2 (center\$1 or centre\$1 or unit\$1 or setting)).ti,ab.
93	or/81-92
94	(acceptability or acceptable or attend\$ or access\$ or availab\$ or non-attend\$ or increas\$ or promot\$ or opt\$ or particip\$ or adhere\$ or involvement or uptake or take-up or utiliz\$ or utilis\$ or refus\$ or referr\$ or self-referr\$ or self-report\$ or barrier\$ or decreas\$ or isolation or interven\$ or aware\$ or opportunit\$ or advice or information or incentiv\$ or recruit\$ or find or finding or compliance or comply or retain or retention or provision or encour\$ or usage).ti,ab.
95	(socio sanitary support or reimburs\$ or (social adj2 support) or ((cash or financial or money or monetary or economic or voucher or credit or drug\$1 or methadone or telephone) adj2 (benefit\$ or support or incentive or assist\$ or credit))).ti,ab.
96	((lifestyle or behavio?r) adj2 (therapy or modif\$ or chang\$ or adapt\$ or adopt\$)) and (tuberculosis or tb)).ti,ab. or *social marketing/
97	*marketing/
98	*attitude to health/
99	*health care delivery/
100	*access to information/
101	*confidentiality/
102	*Health education/
103	*health promotion/
104	*patient attitude/ or *refusal to participate/ or *treatment refusal//
105	*patient compliance/
106	*motivation/
107	Stigma.ti,ab.
108	*prevalence/
109	*patient participation/
110	or/94-109
111	treat\$.ti,ab. or Treatment Outcome/
112	(directly observed treatment or directly observed therapy or (supervised adj2 treatment) or (coerc\$ adj2 (treat\$ or therapy))).ti,ab. Or *directly observed therapy/
113	(disease management or (treat\$ and (management or control))).ti,ab.
114	((adherence or compli\$ or non-compli\$ or default\$ or finish\$ or Retention or attrition or (drop adj1 out) or disappear\$ or abscond\$) and treat\$.ti,ab. or exp *patient compliance/
115	((referr\$ or self-referr\$ or (self adj diagnos\$)) and treat\$.ti,ab.
116	((suitab\$ or eligib\$) and treat\$.ti,ab.
117	((follow adj1 up) or discharge).ti,ab. or *follow up/
118	((positive or negative) and test).ti,ab.
119	((interrupt\$ or relapse\$ or stop\$ or cessation or with?ld\$ or avoidance or (lost adj2 follow)) and treat\$.ti,ab. or *treatment withdrawal/
120	((medicine\$1 or drug or treat\$) and (regimen or adherence)).ti,ab. or exp *self care/
121	(treat\$ and (appointment\$ or Schedule\$)).ti,ab. or *patient scheduling/
122	((care adj2 seeking) and pathway\$).ti,ab.
123	((case adj3 management) or case-managed).ti,ab. or Case Management/ or *patient care planning/ or *health insurance/
124	(case adj3 manag\$ adj3 strategy).ti,ab. or continuity or *patient care/

125	((case or treat\$ or diagnosis) and management).ti,ab.
126	((active or passive) and (case adj3 management)).ti,ab.
127	((risk assessment or care plan\$) and (case adj3 management)).ti,ab.
128	or/111-127
129	1 and 39 and (80 or (93 and (110 or 128)))
130	limit 129 to yr="1990 -Current"
131	limit 130 to "english language"
132	(animal\$ or badger\$ or Cow\$ or Cattle or bovine).ti,ab. or (animals/ not humans/)
133	131 not 132
134	limit 133 to yr="1990 - 2010"
135	130 not 132
136	135 not 134
137	(albania or bulgaria or cyprus or croatia or latvia or lithuania or luxembourg or malta or montenegro or romania or serbia or yugoslav or turkey).ti,ab,hw,in.
138	1 and 135 and (80 or (93 and (110 or 128)))
139	limit 138 to yr="1990 -Current"
140	139 not 132
141	140 not 135
142	136 or 141