Supplement 1

Search Strategy #1: Effectiveness and cost-effectiveness search

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Database: Ovid MEDLINE(R) 1946 to Present with Daily Update
Search Date: 10 May 2016

1 Tuberculosis/ (96246)  
2 tuberculo$.tw. (168294)  
3 tb.tw. (28827)  
4 ltbi.tw. (1068)  
5 or/1-4 (200198)  
6 exp Mass Screening/ (108308)  
7 (screened or screening?).tw. (421165)  
8 Early Diagnosis/ (19223)  
9 ((case? or early) adj2 (detected or detection? or diagnos$ or discover$)).tw. (150359)  
10 exp Population Surveillance/ (56457)  
11 (disease? adj2 surveillance).tw. (4095)  
12 Contact Tracing/ (3545)  
13 contact tracing.tw. (1157)  
14 Interferon-gamma Release Tests/ (769)  
15 interferon gamma release.tw. (1072)  
16 igra.tw. (495)  
17 Tuberculin Test/ (12887)  
18 tuberculin test$.tw. (2361)  
19 Radiography, Thoracic/ (28165)  
20 Mass Chest X-ray/ (1909)  
21 (chest$ adj2 (radiograph$ or x-ray$)).tw. (34025)  
22 cxr.tw. (1161)  
23 or/6-22 (715035)  
24 meta analysis.mp,pt. (92814)  
25 review.pt. (2046925)  
26 search$.tw. (256819)  
27 guideline.pt. (15755)  
28 guideline/ (15755)  
29 guidelines as topic/ (33965)  
30 practice guideline.pt. (21163)  
31 practice guideline/ (21163)  
32 practice guidelines as topic/ (91417)  
33 (CPG or CPGs or guidance or guideline? or recommend$ or standard?).ti. (144001)  
34 exp clinical pathway/ (5252)  
35 exp clinical protocol/ (138915)  
36 ((care or clinical) adj2 pathway?).tw. (4949)  
37 or/24-36 (2545134)  
38 5 and 23 and 37 (2928)
animals/ not (humans/ and animals/) (4208171)
38 not 39 (2861)
40 40 and (2005$ or 2006$ or 2007$ or 2008$ or 2009$ or 2010$ or 2011$ or 2012$ or 2013$ or 2014$ or 2015$ or 2016$).ed. (1640)
41 remove duplicates from 41 [reviews and guidelines] (1613)
42 exp "costs and cost analysis"/ (197462)
43 cost$.mp. (456899)
44 cost effective$.tw. (80801)
45 cost benefit analys$.mp. (67051)
46 health care costs.mp. (36849)
47 or/43-47 (466208)
48 5 and 23 and 48 (1095)
49 animals/ not (humans/ and animals/) (4208171)
50 49 not 50 (1050)
51 51 and (2005$ or 2006$ or 2007$ or 2008$ or 2009$ or 2010$ or 2011$ or 2012$ or 2013$ or 2014$ or 2015$ or 2016$).ed. (663)
52 remove duplicates from 52 [costing] (641)
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