ADDITIONAL FILE 1: MEDLINE SEARCH STRATEGY

Effectiveness of guideline dissemination and implementation strategies on health care professionals' behaviour and patient outcomes in the cancer care context
Tomasone, Chaudhary, & Brouwers

1 randomized controlled trials/
2 randomized controlled trial.pt.
3 controlled clinical trial.pt.
4 intervention studies/
5 experiment$.tw.
6 (time adj series).tw.
7 (pre test or pretest or (posttest or post test)).tw.
8 random allocation/
9 impact.tw.
10 intervention?.tw.
11 chang$.tw.
12 evaluation studies/
13 evaluat$.tw.
14 effect?.tw.
15 comparative studies/
16 or/1-15
17 Neoplasms/
18 Adenocarcinoma/
19 Carcinoma/
20 (adenocarcinoma* or cancer* or carcinoma* or metasta* or neoplasm* or tumo?r).ti,ab.
21 or/17-20
22 exp Practice Guidelines as Topic/
23 practice guideline?.tw.
24 (guideline? adj2 (introduc$ or issu$ or impact or effect? or disseminat$ or distribut$)).tw.
25 clinical guideline?.tw.
26 guidance.tw.
27 recommendation.tw.
28 expert opinion.tw.
29 consensus statement?.tw.
30 evidence appraisal.tw.
31 Expert Testimony/
32 or/22-31
33 academic detailing.tw.
34 ((introduc$ or impact or effect? or implement$ or computer$ or compli$) adj2 protocol?).tw.

35 ((introduc$ or impact or effect? or implement$ or computer$ or compli$) adj2 algorithm?).tw.
36 clinical pathway?.tw.
37 critical pathway?.tw.
38 Patient Education as Topic/
39 Education, Medical/
40 Clinical Audit/
41 advance directive?.tw.
42 Advance Directives/
43 Fee-for-Service Plans/
44 "Peer Review"/
45 exp education,continuing/
46 (education$ adj2 (program$ or intervention? or meeting? or session? or strateg$ or workshop? or visit?)).tw.
47 (behavio?r$ adj2 intervention?).tw.
48 pamphlets/
49 (leaflet? or booklet? or poster or posters).tw.
50 ((written or printed or oral) adj information).tw.
51 (information$ adj2 campaign).tw.
52 (education$ adj1 (method? or material?)).tw.
53 outreach.tw.
54 (opinion adj1 leader?).tw.
55 facilitator?.tw.
56 group detailing.tw.
57 consensus conference?.tw.
58 ((effect? or impact or evaluat$ or introduc$ or compar$) adj2 training program$).tw.
59 reminder systems/
60 reminder?.tw.
61 (recall adj2 system$).tw.
62 (prompter? or prompting).tw.
63 algorithm?.tw.
64 (feedback/ OR feedback.tw.) NOT ((feedback adj1 (loop? or control? or regula$ or mechanism? or inhib$ or system? or circuit? or sensory or visual or audio$ or auditory)).tw.)
65 (57 or 58) not 59
66 chart review$.tw.
67 ((effect? or impact or records or chart?) adj2 audit).tw.
68 patient education/
69 counsel$.tw.
70 compliance.tw.
71 marketing.tw.
72 exp reimbursement mechanisms/

73 fee for service.tw.
74 capitation fee/
75 "deductibles and coinsurance"/
76 cost shar$.tw.
77 (copayment? or co payment?).tw.
78 (prepay$ or prepaid or prospective payment?).tw.
79 hospital charges/
80 formular$.tw.
81 fundhold$.tw.
82 medical records/
83 medical records systems, computerized/
84 (information adj2 (management or system?)).tw.
85 peer review/
86 utilization review/
87 Mass Media/
88 Motivation/
89 incentiv$.tw.
90 allowance?.tw.
91 accreditation?.tw.
92 Licensure/
93 or/33-93
94 16 and 21 and 32 and 93

Note. Lines 1-15 contain terms relating to eligible study design; lines 17-20 contain terms relating to cancer; lines 22-31 contain terms relating to guidelines; and lines 33-93 contain terms relating to guideline dissemination and implementation interventions.