

Additional file 2. Search strategies.

Search conducted on October 21, 2022

Ovid MEDLINE(R) ALL <1946 to October 20, 2022>

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1      implementation.kf.      12268
2      (implementation adj2 (scien* or research* or process* or practice or project* or theor* or framework* or
model* or strateg* or design* or guideline* or barrier* or enabler* or facilitator* or intervention*)).ti,ab.      44442
3      *Implementation Science/      603
4      *Health Plan Implementation/mt [Methods]      511
5      (Knowledge adj2 (translat* or implement* or application or uptake or utili#ation)).ti,kf.      2909
6      (Evidence adj2 (translat* or implement* or application or action or uptake or utili#ation)).ti,kf.      2642
7      (research adj2 (translat* or implement* or application or action or uptake or utili#ation)).ti,kf.      12077
8      (intervention* adj2 (mapping or design* or develop* or "behavio?r change")).ti,kf.      3282
9      (theor* or model or models or framework* or concept*).ti,kf.994940
10     *Models, Theoretical/ or *Models, Organizational/      70828
11     1 or 2 or 3 or 4 or 5 or 6 or 7 or 8      68806
12     9 or 10      1035862
13     11 and 12      8243
14     (exp Animals/ or exp Models, Animal/) not Humans/5058997
15     ((animal or animals or cattle* or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice
or monkey* or mouse or murine or pig or pigs or piglet* or porcine or primate* or rabbit* or rats or rat or rodent*
or sheep or ovine or veterinar* or cats or cow or bovine or phytolog* or botan* or plant) not (human* or
patient*)).ti,kf,jw.      2897933
16     14 or 15      5779572
17     13 not 16      7642
18     ("control?ed clinical trial" or "randomi?ed control?ed trial" or "randomi?ed clinical trial" or "pilot study" or
"feasibility study" or "interrupted time series" or "cohort study" or "case-control study" or "experimental
study").ti.      331116
19     (Randomized Controlled Trial/ or Controlled Clinical Trial/ or Pilot Projects/ or Feasibility Studies/ or
Interrupted Time Series Analysis/ or Cohort Studies/ or Case-Control Studies/) not (Randomized Controlled
Trials as Topic/ or Pragmatic Clinical Trials as Topic/ or Non-Randomized Controlled Trials as Topic/)
1451275
20     18 or 19      1578237
21     17 not 20      7107
22     21 not congress/      7101
23     limit 22 to yr="2002 - 2022"      6760
24     limit 23 to (english or french)      6658
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Embase Classic+Embase <1947 to 2022 Week 41>

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1      implementation.kf.      14270
2      (implementation adj2 (scien* or research* or process* or practice or project* or theor* or framework* or
model* or strateg* or design* or guideline* or barrier* or enabler* or facilitator* or intervention*)).ti,ab.    55165
3      *Implementation Science/      1336
4      (intervention* adj2 (mapping or design* or develop* or "behavior change")).ti,kf. 3594
5      (Knowledge adj2 (translat* or implement* or application or uptake or utilization)).ti,kf.    3581
6      (Evidence adj2 (translat* or implement* or application or action or uptake or utilization)).ti,kf.    3102
7      (research adj2 (translat* or implement* or application or action or uptake or utilization)).ti,kf.    14629
8      (theor* or model or models or framework* or concept*).ti,kf. 1212079
9      *conceptual framework/      3711
10     *theoretical model/ or *nonbiological model/ 37874
11     1 or 2 or 3 or 4 or 5 or 6 or 7 84575
12     8 or 9 or 10    1234112
13     11 and 12      9235
14     (exp Animal/ or exp Animal model/) not Human/    6071869
15     ((animal or animals or cattle* or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice
or monkey* or mouse or murine or pig or pigs or piglet* or porcine or primate* or rabbit* or rats or rat or rodent*
or sheep or ovine or veterinar* or cats or cow or bovine or phytolog* or botan* or plant) not (human* or
patient*)).ti,kf,jx.    3411369
16     14 or 15      6879863
17     13 not 16      8481
18     ("control?ed clinical trial" or "randomi?ed control?ed trial" or "randomi?ed clinical trial" or "pilot study" or
"feasibility study" or "interrupted time series" or "cohort study" or "case-control study" or "experimental
study").ti.    416268
19     Randomized Controlled Trial/ or Controlled Clinical Trial/ or Pilot study/ or Feasibility study/ or Cohort
analysis/ or Case control study/    2252299
20     "randomized controlled trial (topic)"/ 236476
21     19 not 20      2235628
22     18 or 21      2333677
23     17 not 22      7624
24     23 not conference abstract.pt.    6878
25     limit 24 to yr="2002 -Current" 6435
26     limit 25 to (english or french) 6268

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CINAHL

#	Query	Limiters/Expanders	Last Run Via	Results
S23	S21 NOT (PT abstract)	Limiters - Published Date: 20020101-20221231; Language: English, French Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	3,618
S22	S21 NOT (PT abstract)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	4,042
S21	S17 NOT S20	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	4,142
S20	S18 OR S19	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	804,130
S19	(MH "Randomized Controlled Trials") OR (MH "Pilot Studies") OR (MH "Case Control Studies") OR (MH "Interrupted Time Series Analysis") OR (MH "Prospective Studies")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	755,464
S18	TI ("control?ed clinical	Expanders - Apply	Interface - EBSCOhost	149,086

	trial" or "randomi?ed control?ed trial" or "randomi?ed clinical trial" or "pilot study" or "feasibility study" or "interrupted time series" or "cohort study" or "case-control study" or "experimental study")	equivalent subjects Search modes - Boolean/Phrase	Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	
S17	S12 NOT S16	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	4,531
S16	S13 OR S14 OR S15	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	195,342
S15	SO ((animal or animals or cattle* or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice or monkey* or mouse or murine or pig or pigs or piglet* or porcine or primate* or rabbit* or rats or rat or rodent* or sheep or ovine or veterinar* or cats or cow or bovine or phytolog* or botan* or plant) not (human* or patient*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	770

S14	TI ((animal or animals or cattle* or canine* or dog or dogs or feline or hamster* or lamb or lambs or mice or monkey* or mouse or murine or pig or pigs or piglet* or porcine or primate* or rabbit* or rats or rat or rodent* or sheep or ovine or veterinar* or cats or cow or bovine or phytolog* or botan* or plant) not (human* or patient*))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	126,499
S13	(MH "Animals") NOT (MH "Human")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	89,654
S12	S10 AND S11	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	4,576
S11	S8 OR S9	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	190,924
S10	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	46,133

S9	(MM "Conceptual Framework") OR (MM "Nursing Models, Theoretical") OR (MM "Models, Theoretical") OR (MM "Nursing Theory") OR (MM "Nursing Practice, Theory-Based") OR (MM "Organizational Theory") OR (MM "Theory-Practice Relationship") OR (MM "Professional Practice, Theory-Based")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	25,170
S8	TI (theor* or model or models or framework* or concept*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	180,898
S7	TI (intervention* N2 (mapping or design* or develop* or "behavior change"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	2,240
S6	TI (research N2 (translat* or implement* or application or action or uptake or utilization))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	6,132
S5	TI (Evidence N2 (translat* or implement* or application or action or uptake or utilization))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	2,785

S4	TI (Knowledge N2 (translat* or implement* or application or uptake or utili#ation))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	1,610
S3	(MM "Nursing Knowledge/UT") OR (MM "Clinical Nursing Research/UT") OR (MM "Research, Nursing/UT") OR (MM "Research/UT") OR (MM "Knowledge/UT")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	1,075

	OR (MM "Health Knowledge /UT")			
S2	T1 ((implementation N2 (scien* or research* or process* or practice or project* or theor* or framework* or model* or strateg* or design* or guideline* or barrier* or enabler* or facilitator* or intervention*))) OR AB ((implementation N2 (scien* or research* or process* or practice or project* or theor* or framework* or model* or strateg* or design* or guideline* or barrier* or enabler* or facilitator* or intervention*)))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	34,839
S1	(MM "Implementation Science")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text	380