

Supplementary Materials for

Health promotion interventions in type 2 diabetes

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Andrea Icks³, Ulrike Rothe⁴, Jaana Lindström⁵ and Jelka Zaletel⁶ on behalf of the Joint
Action on Chronic Diseases and Promoting Healthy Ageing across the Life Cycle
(JA-CHRODIS)**

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Published on

Ann Ist Super Sanità 2015 Vol. 51, No. 3
DOI: 10.4415/ANN_15_03_05

This PDF file includes:

Appendix I. Search strategy – health promotion in diabetes



APPENDIX I. SEARCH STRATEGY – HEALTH PROMOTION IN DIABETES

Contact person: Monica Sørensen
Responsible librarian: Astrid Nøstberg
Hits before doublet search: 354
Hits after doublet search: 303
Limitation: Systematic reviews from 1.1.2010

Databases: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present
Date of search: 10.04.2015
Number of hits: 161

#	Searches	Results
1	exp Diabetes Mellitus, Type 2/	90244
2	(diabet* adj3 ("type 2" or type2 or "type II" or typeII or maturity onset or adult onset or slow onset or stable or noninsulin* or non insulin* or insulin independen*).tw.	99184
3	(niddm or "dm 2" or dm2).tw.	8571
4	Chronic Disease/	222928
5	(chronic* adj1 (disease* or illness* or ill or sick*).tw.	55177
6	or/1-5	386952
7	exp Health Promotion/	56724
8	((health adj3 (promotion* or campaign*)) or wellness program*).tw.	24721
9	(quality improve* adj2 (program* or promotion* or project*).tw.	3969
10	or/7-9	73289
11	exp Program Evaluation/	57972
12	(program* adj3 (evaluat* or measure* or analy#e* or analys*s* or analysing or review* or effectiveness* or efficacy or sustainabilit* or appropriateness* or feasibilit*).tw.	35473
13	(evaluat* adj3 (question* or model? or method*).tw.	105843
14	(benchmarking or ((best or good) adj practice adj3 analys*).tw.	4160
15	(qualit* adj2 criteria*).tw.	4260
16	(quality improve* adj2 (program* or promotion* or project*).tw.	3969
17	or/11-16	200572
18	6 and 10 and 17	565
19	limit 18 to "reviews (maximizes sensitivity)"	168
20	((((chronic care or ncd) adj2 (program* or intervention* or strateg* or project* or promotion*)) or non-communicable disease* or non-communicable illness* or non-communicable sickness*).tw.	2527
21	limit 20 to "reviews (maximizes specificity)"	85
22	19 or 21	253
23	limit 22 to yr="2010 -Current"	161

Databases: Embase 1974 to 2015 April 09

Date of search: 10.04.2015

Number of hits: 167

#	Searches	Results
1	non insulin dependent diabetes mellitus/	155414
2	(diabet* adj3 ("type 2" or type2 or "type II" or typell or maturity onset or adult onset or slow onset or stable or noninsulin* or non insulin* or insulin independen*)).tw.	143187
3	(niddm or "dm 2" or dm2).tw.	10804
4	chronic disease/	156180
5	(chronic* adj1 (disease* or illness* or ill or sick*)).tw.	73904
6	or/1-5	384011
7	health promotion/	73368
8	Health Promotion Model/	70
9	((health adj3 (promotion* or campaign*)) or wellness program*).tw.	29026
10	(quality improve* adj2 (program* or promotion* or project*)).tw.	5895
11	or/7-10	90317
12	exp program evaluation/	5135
13	(program* adj3 (evaluat* or measure* or analy#e* or analys#s* or analysing or review* or effectiveness* or efficacy or sustainabilit* or appropriateness* or feasibilit*)).tw.	46765
14	(evaluat* adj3 (question* or model? or method*)).tw.	155311
15	(benchmarking or ((best or good) adj practice adj3 analys*)).tw.	5358
16	(qualit* adj2 criteria*).tw.	5899
17	(quality improve* adj2 (program* or promotion* or project*)).tw.	5895
18	or/12-17	220091
19	6 and 11 and 18	415
20	limit 19 to "reviews (maximizes sensitivity)"	306
21	((chronic care or ncd) adj2 (program* or intervention* or strateg* or project* or promotion*)) or non-communicable disease* or non-communicable illness* or non-communicable sickness*).tw.	3030
22	limit 21 to "reviews (maximizes specificity)"	68
23	20 or 22	374
24	limit 23 to yr="2010 -Current"	273
25	limit 24 to embase	167

Databases: Cochrane Database of Systematic Reviews (CDSR) Issue 4 of 12, April 2015, Other Reviews (DARE) Issue 1 of 4, January 2015, Methods Studies Issue 3 of 4, July 2012, Technology Assessments Issue 1 of 4, January 2015, NHS Economic Evaluation Database (EED) Issue 1 of 4, January 2015

Date of search: 10.04.2015

Number of hits: 12 (CDSR: 12, DARE: 5, HTA: 1, EED: 3)

ID	Search	Hits
#1	MeSH descriptor: [Diabetes Mellitus, Type 2] explode all trees	9090
#2	(diabet* near/3 ("type 2" or type2 or "type II" or typell or "maturity onset" or "adult onset" or "slow onset" or stable or noninsulin* or "non insulin*" or "insulin independen*")):ti,ab,kw	15423
#3	(niddm or "dm 2" or dm2):ti,ab,kw	1183
#4	MeSH descriptor: [Chronic Disease] this term only	11184
#5	(chronic* near/1 (disease* or illness* or ill or sick*)):ti,ab,kw	16935
#6	#1 or #2 or #3 or #4 or #5	32317
#7	MeSH descriptor: [Health Promotion] explode all trees	4075
#8	((health near/3 (promotion* or campaign*)) or "wellness program*"):ti,ab,kw	5306
#9	("quality improve*" near/2 (program* or promotion* or project*)):ti,ab,kw	174
#10	#7 or #8 or #9	5646
#11	MeSH descriptor: [Program Evaluation] explode all trees	4808
#12	(program* near/3 (evaluat* or measure* or analyze* or analys* or review* or effectiveness* or efficacy or sustainabilit* or appropriateness* or feasibilit*)):ti,ab,kw	8956
#13	(evaluat* near/3 (question* or model or models or method*)):ti,ab,kw	17515
#14	(benchmarking or (("best practice" or "good practice") near/3 analys*)):ti,ab,kw	149
#15	(qualit* near/2 criteria*):ti,ab,kw	974
#16	("quality improve*" near/2 (program* or promotion* or project*)):ti,ab,kw	174
#17	#11 or #12 or #13 or #14 or #15 or #16	25901
#18	#6 and #10 and #17	106
#19	((("chronic care" or ncd) near/2 (program* or intervention* or strateg* or project* or promotion*)) or "non-communicable disease*" or "non-communicable illness*" or "non-communicable sickness*"):ti,ab,kw	70
#20	#18 or #19	176
#21	#20 in Cochrane Reviews (Reviews and Protocols), Other Reviews, Methods Studies, Technology Assessments and Economic Evaluations	25
#22	#21 Publication Year from 2010 to 2015	21

Databases: Cochrane Database of Systematic Reviews (CDSR) Issue 4 of 12, April 2015, Other Reviews (DARE) Issue 1 of 4, January 2015, Methods Studies Issue 3 of 4, July 2012, Technology Assessments Issue 1 of 4, January 2015, NHS Economic Evaluation Database (EED) Issue 1 of 4, January 2015

Date of search: 10.04.2015

Number of hits: 12 (CDSR: 12, DARE: 5, HTA: 1, EED: 3)

Search	Query	Items found
#11	Search systematic[sb] AND (#9)	5
#9	Search (#8 and pubstatusaheadofprint)	104
#8	Search (#6 or #7)	3926
#7	Search ("chronic care program"[title/abstract] or "chronic care programs"[title/abstract] or "chronic care programme"[title/abstract] or "chronic care programmes"[title/abstract] or "chronic care intervention"[title/abstract] or "chronic care interventions"[title/abstract] or "chronic care strategy"[title/abstract] or "chronic care strategies"[title/abstract] or "chronic care project"[title/abstract] or "chronic care projects"[title/abstract] or "chronic care promotion"[title/abstract] or "chronic care promotions"[title/abstract] or "ncd program"[title/abstract] or "ncd programs"[title/abstract] or "ncd programme"[title/abstract] or "ncd programmes"[title/abstract] or "ncd intervention"[title/abstract] or "ncd interventions"[title/abstract] or "ncd strategy"[title/abstract] or "ncd strategies"[title/abstract] or "ncd project"[title/abstract] or "ncd projects"[title/abstract] or "ncd promotion"[title/abstract] or "ncd promotions"[title/abstract] or "non-communicable disease"[title/abstract] or "non-communicable diseases"[title/abstract] or "non-communicable illness"[title/abstract] or "non-communicable illnesses"[title/abstract] or "non-communicable sickness"[title/abstract] or "non-communicable sicknesses"[title/abstract])	2507
#6	Search (#3 and #4 and #5)	1444
#5	Search ("Program Evaluation"[Mesh] or (program*[title/abstract] and (evaluat*[title/abstract] or measure*[title/abstract] or analyse*[title/abstract] or analyze*[title/abstract] or analysis*[title/abstract] or analyses*[title/abstract] or analysing[title/abstract] or review*[title/abstract] or effectiveness*[title/abstract] or efficacy[title/abstract] or sustainabilit*[title/abstract] or appropriateness*[title/abstract] or feasibilit*[title/abstract])) or (evaluat*[title/abstract] and (question*[title/abstract] or model[title/abstract] or models[title/abstract] or method*[title/abstract])) or benchmarking[title/abstract] or ("best practice"[title/abstract] and analys*[title/abstract]) or (qualit*[title/abstract] and criteria*[title/abstract]) or ("quality improvements"[title/abstract] and (program*[title/abstract] or promotion*[title/abstract] or project*[title/abstract]))))	1587518
#4	Search ("Health Promotion"[Mesh] or (health[title/abstract] and (promotion*[title/abstract] or campaign*[title/abstract])) or "wellness program"[title/abstract] or "wellness programs"[title/abstract] or "wellness programmme"[title/abstract] or "wellness programmes"[title/abstract] or ("quality improvement"[title/abstract] and (program*[title/abstract] or promotion*[title/abstract] or project*[title/abstract])) or ("quality improvements"[title/abstract] and (program*[title/abstract] or promotion*[title/abstract] or project*[title/abstract]))))	90772
#3	Search (#1 or #2)	366586
#2	Search ("Chronic Disease"[Mesh:NoExp] or "chronic disease"[title/abstract] or "chronic diseases"[title/abstract] or "chronic illness"[title/abstract] or "chronic illnesses"[title/abstract] or "chronic ill"[title/abstract] or "chronically ill"[title/abstract] or "chronic sickness"[title/abstract] or "chronic sicknesses"[title/abstract] or "chronically sick"[title/abstract])	259278
#1	Search ("Diabetes Mellitus, Type 2"[Mesh] or (diabet*[title/abstract] and ("type 2"[title/abstract] or type2[title/abstract] or "type II"[title/abstract] or typell[title/abstract] or "maturity onset"[title/abstract] or "adult onset"[title/abstract] or "slow onset"[title/abstract] or stable[title/abstract] or noninsulin*[title/abstract] or "non insulin"[title/abstract] or "insulin independent"[title/abstract] or "insulin independence"[title/abstract] or "insulin independency"[title/abstract] or niddm[title/abstract] or "dm 2"[title/abstract] or dm2[title/abstract]))	110035