

Methods S1. Search strategies

Databases Searched for the Overall Study

Ovid MEDLINE Database Searches

Search Strategy:

- 1 exp child/
- 2 exp adolescent/
- 3 1 or 2
- 4 smoking cessation.mp. or exp Smoking Cessation/
- 5 tobacco cessation.mp. or "Tobacco-Use-Cessation"/
- 6 exp Smoking/th [Therapy]
- 7 "Tobacco-Use-Disorder"/
- 8 Tobacco-Smokeless/
- 9 exp Tobacco-Smoke-Pollution/
- 10 Smoking reduction/ or Smoking reduction.mp.
- 11 Smoking prevention/
- 12 Vaping/ or vaping.mp.
- 13 Electronic Nicotine Delivery Systems/
- 14 electronic cigar*.mp.
- 15 exp Pipe smoking/ or exp Tobacco smoking/ or exp Tobacco Products/
- 16 ((quit\$ or stop\$ or ceas\$ or giv\$ or abstain* or abstinen*) adj5 (smoking or smoke* or tobacco)).ti,ab.
- 17 exp Tobacco/ or exp Nicotine/
- 18 or/4 -17
- 19 exp Smoking/ not 18 [B category smoking terms]
- 20 18 or 19
- 21 (review or review,tutorial or review, academic).pt.
- 22 (medline or medlars or embase or pubmed or cochrane).tw,sh.
- 23 (scisearch or psychinfo or psycinfo).tw,sh.
- 24 (psychlit or psyclit).tw,sh.
- 25 cinahl.tw,sh.
- 26 ((hand adj2 search\$) or (manual\$ adj2 search\$)).tw,sh.
- 27 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.
- 28 (pooling or pooled or mantel haenszel).tw,sh.
- 29 (peto or dersimonian or der simonian or fixed effect).tw,sh.
- 30 (retraction of publication or retracted publication).pt.
- 31 or/22-30
- 32 21 and 31
- 33 meta-analysis.pt.
- 34 meta-analysis.sh.
- 35 (meta-analys\$ or meta analys\$ or metaanalys\$).tw,sh.
- 36 (systematic\$ adj5 review\$).tw,sh.
- 37 (systematic\$ adj5 overview\$).tw,sh.
- 38 (quantitativ\$ adj5 review\$).tw,sh.
- 39 (quantitativ\$ adj5 overview\$).tw,sh.
- 40 (quantitativ\$ adj5 synthesis\$).tw,sh.
- 41 (methodologic\$ adj5 review\$).tw,sh.
- 42 (methodologic\$ adj5 overview\$).tw,sh.
- 43 (integrative research review\$ or research integration).tw.

- 44 or/33-43
- 45 32 or 44
- 46 3 and 20 and 45

Cochrane Central Register of Controlled Trial (CENTRAL) Database Searches

Search Strategy:

- 1 MeSH descriptor: [Child] explode all trees
- 2 MeSH descriptor: [Adolescent] explode all trees
- 3 #1 or #2
- 4 MeSH descriptor: [Smoking Cessation] explode all trees
- 5 MeSH descriptor: [Tobacco Use Cessation] explode all trees
- 6 MeSH descriptor: [Behavior Control] explode all trees
- 7 MeSH descriptor: [Tobacco Use Disorder] explode all trees
- 8 MeSH descriptor: [Tobacco Smoke Pollution] explode all trees
- 9 MeSH descriptor: [Smoking Reduction] explode all trees
- 10 MeSH descriptor: [Smoking Prevention] explode all trees
- 11 MeSH descriptor: [Vaping] explode all trees
- 12 MeSH descriptor: [Electronic Nicotine Delivery Systems] explode all trees
- 13 MeSH descriptor: [E-Cigarette Vapor] in all MeSH products
- 14 MeSH descriptor: [Pipe Smoking] explode all trees
- 15 MeSH descriptor: [Tobacco Smoking] in all MeSH products
- 16 MeSH descriptor: [Tobacco Products] explode all trees
- 17 (quit\$ or stop\$ or ceas\$ or giv\$ or abstain* or abstin*) adj5 (smoking or smoke* of tobacco)
- 18 #4 or #5 or #6 #7 #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 o
- 19 MeSH descriptor: [Tobacco] explode all trees
- 20 #18 not #19
- 21 #18 or #20
- 22 cochrane review
- 23 #3 and #21 and #22

Cumulative Index to Nursing and Allied Health Literature (CINAHL) Database Searches

Search Strategy:

- S1 TX child
- S2 TX Adolescent
- S3 S1 OR S2
- S4 TX Smoking Cessation
- S5 TX Tobacco Use Cessation
- S6 TX Tobacco Use Disorder
- S7 TX Tobacco Smoke Pollution
- S8 TX Smoking Reduction
- S9 TX Smoking Prevention
- S10 TX Vaping
- S11 TX Electronic Nicotine Delivery Systems
- S12 TX Pipe Smoking
- S13 TX Tobacco Smoking
- S14 TX Tobacco Products

S15	TX Tobacco
S16	TX Nicotine
S17	MH S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16
S18	Smoking
S19	MH S17 not S18
S20	MH S217 or S19
S21	TI meta-analysis
S22	TI systematic review
S23	TI S21 or S22
S24	MH S3 and S20 and S23

Embase

Search Strategy:

1	child'/exp OR 'child'/de
2	adolescent'/exp
3	#1 OR #2
4	('smoking'/exp OR smoking) AND ('cessation'/exp OR cessation)
5	('tobacco'/exp OR tobacco) AND use AND ('cessation'/exp OR cessation)
6	'tobacco dependence'/exp
7	'passive smoking'/exp
8	('smoking'/exp OR smoking) AND ('reduction'/exp OR reduction)
9	'smoking prevention'/exp
10	'vaping'/exp OR 'vaping'
11	'electronic cigarette'/exp
12	'pipe smoking'/exp
13	tobacco AND smoking
14	'tobacco'/exp
15	nicotine'/exp
16	#4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15
17	'smoking'/exp
18	#17 NOT #16
19	#17 OR #18
20	'review'/exp
21	meta AND 'analysis'/exp
22	'systematic review'/exp
23	#21 OR #22
24	(medline OR medlars OR embase OR pubmed OR cinahl OR amed OR psychlit OR psyclit OR psychinfo OR psycinfo OR scisearch OR cochrane) AND topic
25	retracted AND article
26	#24 OR #25
27	#23 AND #26
28	systematic AND (review* OR overview) AND topic
29	'meta analysis' AND topic
30	#27 OR #28 OR #29
31	#3 AND #19 AND #30