

Scoping review of guidance on cessation interventions for electronic cigarettes and dual electronic and combustible cigarettes use.

Appendix 1: Search Strategy

Research question: What are the current guidance or recommendations for cessation interventions for e-cigarette users and dual combustible and e-cigarette users tailored to adolescents, youth and adults?

Inclusion criteria:

1. Clinical practice guidance or recommendations of vaping cessation for e-cigarette users and complete cessation of cigarettes and e-cigarettes for dual users targeting adolescents or youth or adults
2. Experimental studies including randomized controlled trials, case reports or case series on vaping or dual use cessation
3. Systematic review or meta-analysis on vaping or dual use cessation interventions
4. Brief reports, commentaries or letters on vaping or dual use cessation interventions

Exclusion criteria:

1. Not in English, animal studies, not published in last 11 years
2. Study protocols
3. Focused on smoking cessation
4. Articles on harm reduction potential of e-cigarette
5. Articles on cannabis vaping
6. Management of EVALI

MEDLINE:

Date: 03.08.2021

Search type	Search terms	Results
MeSH	1. exp Vaping/ or exp Electronic Nicotine Delivery Systems/	5487
Title, abstract and keyword	2. ((e-cig* or electronic cigarette or nicotine or vaping or vape or vaporizer* or device* or product* or e-liquid* or ENDS) adj3 (cessation or quit* or stop* or intervention or management or treatment)).tw,kf.	25510
Title, abstract and keyword	3. ((e-cigarette* or electronic cigarette or e-cig* or ENDS or cigarette* or smok*) adj3 (dual use* or concurrent use* or co-use*)).tw,kf.	596
MeSH	4. exp Adult/	7540735
MeSH	5. exp Young Adult/ or exp Adolescent/	2542624
Title, abstract and keyword	6. (adult* or adolescen* or teen* or youth* or young adult*).tw,kf.	1662137
MeSH	7. exp Guideline/ or exp Practice Guideline/	36011
Title, abstract and keyword	8. ((clinical or practice or practitioner* or health or care) adj3 (guideline* or guidance)).tw,kf.	77205
	9. 1 or 2 or 3	30668
	10. 4 or 5 or 6	8887356
	11. 7 or 8	106473
	12. 9 and 10 and 11	90
	13. limit 12 to (english language and humans)	78
	14. limit 13 to yr="2010 -Current"	55

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EMBASE:

Date: 03.08.2021

Search type	Search terms	Results
Subject headings/Emtree	1. exp electronic cigarette/ or exp vaping/	9769
Title, abstract and keyword	2. ((e-cig* or electronic cigarette or nicotine or vaping or vape or vaporizer* or device* or product* or e-liquid* or ENDS) adj3 (cessation or quit* or stop* or intervention or management or treatment)).tw,kw.	36112
Title, abstract and keyword	3. ((e-cigarette* or electronic cigarette or e-cig* or ENDS or cigarette* or smok*) adj3 (dual use* or concurrent use* or co-use*)).tw,kw.	654
Subject headings/Emtree	4. exp adult/ or exp young adult/	9661217
Subject headings/Emtree	5. exp adolescent/	1745200
Title, abstract and keyword	6. (adult* or adolescen* or teen* or youth* or young adult*).tw,kw.	2245139
Subject headings/Emtree	7. exp practice guideline/	605388
Title, abstract and keyword	8. ((clinical or practice or practitioner* or health or care) adj3 (guideline* or guidance)).tw,kw.	113128
	9. 1 or 2 or 3	45064
	10. 4 or 5 or 6	11009529
	11. 7 or 8	655078
	12. 9 and 10 and 11	550
	13. limit 12 to (human and english language)	525
	14. limit 13 to yr="2010 -Current"	459

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PsycINFO:

Date: 03.08.2021

Search type	Search terms	Results
Subject headings	1. exp Electronic Cigarettes/	1884
Title, abstract and keyword	2. ((e-cig* or electronic cigarette or nicotine or vaping or vape or vaporizer* or device* or product* or e-liquid* or ENDS) adj3 (cessation or quit* or stop* or intervention or management or treatment)).mp.	4832
Title, abstract and keyword	3. ((e-cigarette* or electronic cigarette or e-cig* or ENDS or cigarette* or smok*) adj3 (dual use* or concurrent use* or co-use*)).mp.	351
Subject headings	4. exp Human Males/	45199
Subject headings	5. exp Human Females/	150226
Subject headings	6. exp Adolescent Behavior/	2535
Subject headings	7. exp Emerging Adulthood/	4144
Title, abstract and keyword	8. (adult* or adolescen* or teen* or youth* or young adult*).mp.	1285184
Subject headings	9. exp Treatment Guidelines/ or exp Evidence Based Practice/	25864
Subject headings	10. exp clinical practice/	21775
Title, abstract and keyword	11. ((clinical or practice or practitioner* or health or care) adj3 (guideline* or guidance)).mp.	15888
	12. 1 or 2 or 3	6575
	13. 4 or 5 or 6 or 7 or 8	1401467
	14. 9 or 10 or 11	58025
	15. 12 and 13 and 14	43
	16. limit 15 to (human and english language)	41
	17. limit 16 to yr="2010 -Current"	32

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Grey literature search:

Google advanced search:

Date	Search terms	Results
31.05.2021	1. allintext: vaping cessation guidelines site:.gov filetype:pdf (filter: Jan 1, 2010- May 31, 2021)	838
31.05.2021	2. allintext: vaping cessation guidelines site:.org filetype:pdf (filter: Jan 1, 2010- May 31, 2021)	2330
31.05.2021	3. allintext: vaping cessation guidelines site:.edu filetype:pdf (filter: Jan 1, 2010- May 31, 2021)	770
31.05.2021	4. allintext: How to help quit vaping site:.gov filetype:pdf (filter: Jan 1, 2010- May 31, 2021)	1410
31.05.2021	5. allintext: How to help quit vaping site:.org filetype:pdf (filter: Jan 1, 2010- May 31, 2021)	3020
31.05.2021	6. allintext: How to help quit vaping site:.edu filetype:pdf (filter: Jan 1, 2010- May 31, 2021)	926
03.08.21	7. allintext: tobacco cessation for dual users of e-cigarette and cigarette site:.gov filetype:pdf (filter: Jan 1, 2010- July 28, 2021)	418
03.08.21	8. allintext: tobacco cessation for dual users of e-cigarette and cigarette site:.org filetype:pdf (filter: Jan 1, 2010- July 28, 2021)	1620
03.08.21	9. allintext: tobacco cessation for dual users of e-cigarette and cigarette site:.edu filetype:pdf (filter: Jan 1, 2010- July 28, 2021)	434

Grey databases:

Date: 28.05.2021

Keywords: vaping, e-cigarette, electronic cigarette

Database	Results	Post-screening
Canadian Institute for Health Information (CIHI)	4	0
Canadian Agency for Drugs and Technologies in Health (CADTH)	10	3
Canadian Medical Association (CMA) Infobase	0	0
National Institute for Health and Care Excellence (NICE) Guidance	7	0
National Guideline Clearinghouse	1	0

Date: 03.08.21

Keywords: dual use, dual use of e-cigarette and cigarette, tobacco cessation for dual users of e-cigarette and cigarette

Database	Results	Post-screening
Canadian Institute for Health Information (CIHI)	2	0
Canadian Agency for Drugs and Technologies in Health (CADTH)	1	0
Canadian Medical Association (CMA) Infobase	0	0
National Institute for Health and Care Excellence (NICE) Guidance	5	0
National Guideline Clearinghouse	2	0