

**Registered Nurses' Association of Ontario**  
*Promoting Smoking Reduction and Cessation with Indigenous Peoples of  
Reproductive Age and their Communities*  
**May 2022**

## Systematic Review Search Strategy

Five systematic reviews of recent literature relevant to the scope of the Best Practice Guideline (BPG) were conducted by a health sciences librarian.

In addition, panel members were asked to review personal libraries to identify key articles not found through the search strategies. Articles identified by panel members were included in the search results if two guideline development methodologists independently determined the articles had not been identified by the literature search and met the inclusion criteria.

**Databases Searched:** Cochrane Central Register of Controlled Trials (CCRCT), Cochrane Database of Systematic Reviews, Cumulative Index to Nursing and Allied Health (CINAHL), EMBASE, Emcare Nursing, MEDLINE, MEDLINE Ahead of Print and In Process, BNNA (Bibliography of Native North Americans), PsychINFO.

### **Inclusion Criteria:**

The following criteria were used to guide the literature search:

- A primary focus on the following interventions for health service organizations, academic institutions, health providers and/or students, and the prioritized outcomes per topic:
  1. **Intervention** – the use of counselling in smoking reduction and cessation (individual, group-based, multifaceted, etc.)  
  
**Outcomes** – reach and engagement, quit rates, quit attempts, decreased smoking rates (prevalence), amount smoked
  2. **Intervention-** integrating (embedding) smoking reduction and cessation programs into broader health and wellness  
  
**Outcome-** Reach, engagement, acceptability and quit rates
  3. **Intervention** – Culturally appropriate, trauma-informed smoking reduction and cessation programs

**Outcome** – reach and engagement, quit rates, quit attempts

4. **Intervention** – the use of pharmacotherapy (nicotine replacement therapy, varenicline or bupropion) with counselling in smoking reduction and cessation

**Outcomes** – quit rates, miscarriage & spontaneous birth, mean birth weight

5. **Intervention-** Indigenous-led smoking reduction and cessation programs

**Outcome-** reach and engagement

6. **Intervention** – education on Indigenous health for students entering health professions

**Outcome** – student knowledge, student cultural safety

7. **Intervention** – continuing education for health providers to improve Indigenous health

**Outcome** – Health provider knowledge, attitude, cultural safety

**N.B.** Questions were searched together (students entering health professions and health providers)

The following criteria were used to guide the qualitative literature search:

- A primary focus on the needs (social, cultural and environmental), experiences and opinions (with respect to barriers and facilitators) of Indigenous women and persons of reproductive age, their support network and community, about smoking reduction and cessation interventions.

**Outcome** – Not relevant to qualitative evidence synthesis

- Published between January 2009 and May 2021
- Published in English
- Accessible for retrieval
- Conducted in any geographic region
- Applicable to all health service organizations and academic institutions and schools
- Applicable to all health providers and students
- Peer-reviewed literature
- Study methodology limited to any study design (quantitative, qualitative, mixed methods, systematic reviews)

### **Exclusion Criteria:**

The following criteria were used to exclude literature from the search:

- Topic **NOT** related to the aforementioned interventions prioritized outcomes
- Commentaries, narratives, discussion papers, case studies, expert reports, consensus documents, studies with a specific methodology
- Studies not published in English
- Studies published prior to 2009

### **Search Terms:**

One search strategy was utilized to identify relevant evidence for several questions:

**Question 1: : Should smoking reduction and cessation counselling be recommended for Indigenous women and persons during pregnancy and the post-partum period?**

**Question #2: What needs (social, cultural, environmental supports) and opinions (with respect to barriers and facilitators) do Indigenous women and persons of reproductive age, their support networks and community, express about smoking cessation interventions?**

**Question #3: Should smoking reduction and cessation interventions embedded within broader health and wellness programs be recommended?**

**Question #4: Should culturally appropriate and trauma-informed smoking reduction and cessation services be recommended?**

**Question #6: Should Indigenous community-led smoking reduction and cessation approaches be recommended?**

## Original Search Strategy: (January 2009 to March 2019)

Update Search: January 2019– May 2021

*\*Note: the same original search strategy was used to complete the update searches.*

### Databases:

Medline, Medline Ahead of Print and In Process, Embase, Emcare, Cochrane Central Register of Controlled Trials (CCRCT), Cochrane Database of Systematic Reviews, BNNNA, PsychINFO, CINAHL

### Database: Medline

#### Search strategy:

- 1 exp American Native Continental Ancestry Group/ (20517)
- 2 exp Alaska Natives/ (196)
- 3 exp indians, central american/ (527)
- 4 exp indians, north american/ (13774)
- 5 exp indians, south american/ (3482)
- 6 exp Inuits/ (3830)
- 7 exp oceanic ancestry groups/ (9439)
- 8 exp Health Services, Indigenous/ (2931)
- 9 indigen\*.mp,kw. (31359)
- 10 aborigin\*.mp,kw. (8276)
- 11 first nation\*.mp,kw. (3520)
- 12 (native\* adj2 people\*).mp,kw. (563)
- 13 (american adj2 indian\*).mp,kw. (19049)
- 14 (canadian adj2 indian\*).mp,kw. (120)
- 15 inuit\*.mp,kw. (4322)
- 16 eskimo\*.mp,kw. (1448)
- 17 inupiat\*.mp,kw. (53)
- 18 yupik\*.mp,kw. (157)
- 19 hawai\*.mp,kw. (10450)
- 20 first australian\*.mp,kw. (215)
- 21 torres strait\*.mp,kw. (1267)
- 22 islander\*.mp,kw. (4294)
- 23 maori\*.mp,kw. (2812)
- 24 metis\*.mp,kw. (404)
- 25 cherokee\*.mp,kw. (157)
- 26 chippewa\*.mp,kw. (76)
- 27 navajo\*.mp,kw. (745)
- 28 choctaw\*.mp,kw. (65)
- 29 sioux\*.mp,kw. (264)
- 30 athapaskan\*.mp,kw. (26)
- 31 cree\*.mp,kw. (8143)
- 32 mohawk\*.mp,kw. (156)
- 33 okanagan\*.mp,kw. (75)
- 34 ojibwa\*.mp,kw. (92)

- 35 micmac\*.mp,kw. (21)
- 36 or/1-35 (84610)
- 37 exp Canada/ (148329)
- 38 exp United States/ (1287653)
- 39 exp New Zealand/ (36805)
- 40 exp Australia/ (133029)
- 41 exp South America/ (146236)
- 42 exp Central America/ (14875)
- 43 (ontario\* or quebec\* or british columbia\* or nunavut\* or yukon\* or northwest territories or new brunswick\* or manitoba\* or saskatchewan\* or alberta\* or nova scotia\* or prince edward\* or newfoundland\*).mp,kw. (85601)
- 44 (canad\* or america\* or australia\* or new zealand\* or alaska\*).mp,kw. (727781)
- 45 37 or 38 or 39 or 40 or 41 or 42 or 44 (2012956)
- 46 native\*.mp,kw. (180823)
- 47 45 and 46 (20024)
- 48 36 or 47 (96796)
- 49 exp Smoking Prevention/ (17517)
- 50 exp Smoking Cessation/ (26439)
- 51 exp Smoking Reduction/ (22)
- 52 exp Smoking/ (139461)
- 53 exp vaping/ (259)
- 54 exp "Tobacco Use Disorder"/ (10559)
- 55 exp Electronic Nicotine Delivery Systems/ (2225)
- 56 exp Tobacco/ (29291)
- 57 exp Tobacco Products/ (6398)
- 58 exp Tobacco Smoke Pollution/ (12509)
- 59 exp tobacco smoking/ (1156)
- 60 exp Tobacco Smoke Pollution/ (12509)
- 61 exp Nicotine/ (24438)
- 62 tobacco.mp,kw. (105454)
- 63 second hand.mp,kw. (1338)
- 64 vaping.mp,kw. (416)
- 65 smok\*.mp,kw. (276038)
- 66 cigar\*.mp,kw. (60184)
- 67 nicotine\*.mp,kw. (40219)
- 68 or/49-67 (335473)
- 69 48 and 68 (3989)
- 70 limit 69 to (english language and yr="2009 -Current") (1829)

## Database: Medline Ahead of Print and In Process

### Search Strategy:

- 1 indigen\*.mp,kw. (4883)
- 2 aborigin\*.mp,kw. (982)
- 3 first nation\*.mp,kw. (629)
- 4 (native\* adj2 people\*).mp,kw. (86)
- 5 (american adj2 indian\*).mp,kw. (699)
- 6 (canadian adj2 indian\*).mp,kw. (15)

- 7 inuit\*.mp,kw. (188)
- 8 eskimo\*.mp,kw. (89)
- 9 inupiat\*.mp,kw. (6)
- 10 yupik\*.mp,kw. (14)
- 11 hawai\*.mp,kw. (1630)
- 12 first australian\*.mp,kw. (35)
- 13 torres strait\*.mp,kw. (228)
- 14 islander\*.mp,kw. (776)
- 15 maori\*.mp,kw. (317)
- 16 metis\*.mp,kw. (72)
- 17 cherokee\*.mp,kw. (36)
- 18 chippewa\*.mp,kw. (30)
- 19 navajo\*.mp,kw. (72)
- 20 choctaw\*.mp,kw. (8)
- 21 sioux\*.mp,kw. (37)
- 22 athapaskan\*.mp,kw. (1)
- 23 cree\*.mp,kw. (2600)
- 24 mohawk\*.mp,kw. (31)
- 25 okanagan\*.mp,kw. (24)
- 26 ojibwa\*.mp,kw. (11)
- 27 micmac\*.mp,kw. (8)
- 28 or/1-27 (11855)
- 29 (ontario\* or quebec\* or british columbia\* or nunavut\* or yukon\* or northwest territories or new brunswick\* or manitoba\* or saskatchewan\* or alberta\* or nova scotia\* or prince edward\* or newfoundland\*).mp,kw. (10368)
- 30 (canad\* or america\* or australia\* or new zealand\* or alaska\*).mp,kw. (93258)
- 31 29 or 30 (98408)
- 32 native\*.mp,kw. (21452)
- 33 31 and 32 (2596)
- 34 28 or 33 (13829)
- 35 tobacco.mp,kw. (13134)
- 36 vaping.mp,kw. (255)
- 37 smok\*.mp,kw. (28561)
- 38 cigar\*.mp,kw. (7059)
- 39 nicotine\*.mp,kw. (3764)
- 40 ecigar\*.mp,kw. (6)
- 41 or/35-40 (37944)
- 42 34 and 41 (412)

## Database: Embase

### Search Strategy:

- 1 exp indigenous people/ (22599)
- 2 exp indigenous health care/ (626)
- 3 indigen\*.tw,kw. (37010)
- 4 aborigin\*.tw,kw. (11117)
- 5 first nation\*.tw,kw. (5449)
- 6 (native\* adj2 people\*).tw,kw. (757)
- 7 (american adj2 indian\*).tw,kw. (7420)
- 8 (canadian adj2 indian\*).tw,kw. (128)

- 9 inuit\*.tw,kw. (1972)
- 10 eskimo\*.tw,kw. (1286)
- 11 inupiat\*.tw,kw. (73)
- 12 yupik\*.tw,kw. (185)
- 13 hawai\*.tw,kw. (9547)
- 14 first australian\*.tw,kw. (382)
- 15 torres strait\*.tw,kw. (1877)
- 16 islander\*.tw,kw. (6544)
- 17 maori\*.tw,kw. (3726)
- 18 metis\*.tw,kw. (483)
- 19 cherokee\*.tw,kw. (182)
- 20 chippewa\*.tw,kw. (76)
- 21 navajo\*.tw,kw. (780)
- 22 choctaw\*.tw,kw. (70)
- 23 sioux\*.tw,kw. (311)
- 24 athapaskan\*.tw,kw. (31)
- 25 cree\*.tw,kw. (12452)
- 26 mohawk\*.tw,kw. (211)
- 27 okanagan\*.tw,kw. (107)
- 28 ojibwa\*.tw,kw. (117)
- 29 micmac\*.tw,kw. (28)
- 30 or/1-29 (99395)
- 31 exp North America/ (1347867)
- 32 exp "South and Central America"/ (206727)
- 33 exp "Australia and New Zealand"/ (205233)
- 34 (ontario\* or quebec\* or british columbia\* or nunavut\* or yukon\* or northwest territories or new brunswick\* or manitoba\* or saskatchewan\* or alberta\* or nova scotia\* or prince edward\* or newfoundland\*).mp,kw. (82840)
- 35 (canad\* or america\* or australia\* or new zealand\* or alaska\*).tw,kw. (1561481)
- 36 31 or 32 or 33 or 34 or 35 (2918216)
- 37 native\*.tw,kw. (229152)
- 38 36 and 37 (36495)
- 39 30 or 38 (125744)
- 40 exp tobacco/ (42433)
- 41 exp "tobacco use"/ (358177)
- 42 exp tobacco dependence/ (18855)
- 43 exp cigarette/ (1001)
- 44 exp smoking cessation/ (53954)
- 45 exp smoking cessation program/ (3030)
- 46 exp smoking reduction/ (93)
- 47 exp smoking prevention/ (392)
- 48 exp smoking regulation/ (2280)
- 49 exp nicotine/ (42324)
- 50 exp nicotine replacement therapy/ (4695)
- 51 exp nicotine gum/ (2833)
- 52 smok\*.mp,kw. (476023)
- 53 cigar\*.mp,kw. (111033)
- 54 tobacco\*.mp,kw. (138394)
- 55 nicotine\*.mp,kw. (61371)
- 56 or/40-55 (554313)
- 57 39 and 56 (5602)
- 58 limit 57 to yr="2009 -Current" (3488)
- 59 limit 58 to english language (3474)

## Database: Emcare

### Search Strategy:

- 1 exp indigenous people/ (9915)
- 2 exp indigenous health care/ (119)
- 3 indigen\*.tw,kw. (9999)
- 4 aborigin\*.tw,kw. (4143)
- 5 first nation\*.tw,kw. (2140)
- 6 (native\* adj2 people\*).tw,kw. (245)
- 7 (american adj2 indian\*).tw,kw. (3187)
- 8 (canadian adj2 indian\*).tw,kw. (28)
- 9 inuit\*.tw,kw. (573)
- 10 eskimo\*.tw,kw. (128)
- 11 inupiat\*.tw,kw. (14)
- 12 yupik\*.tw,kw. (59)
- 13 hawai\*.tw,kw. (2175)
- 14 first australian\*.tw,kw. (87)
- 15 torres strait\*.tw,kw. (868)
- 16 islander\*.tw,kw. (2475)
- 17 maori\*.tw,kw. (1168)
- 18 metis\*.tw,kw. (164)
- 19 cherokee\*.tw,kw. (56)
- 20 chippewa\*.tw,kw. (13)
- 21 navajo\*.tw,kw. (202)
- 22 choctaw\*.tw,kw. (32)
- 23 sioux\*.tw,kw. (94)
- 24 athapaskan\*.tw,kw. (0)
- 25 cree\*.tw,kw. (2273)
- 26 mohawk\*.tw,kw. (65)
- 27 okanagan\*.tw,kw. (12)
- 28 ojibwa\*.tw,kw. (41)
- 29 micmac\*.tw,kw. (8)
- 30 or/1-29 (28043)
- 31 exp North America/ (372461)
- 32 exp "South and Central America"/ (47603)
- 33 exp "Australia and New Zealand"/ (65203)
- 34 (ontario\* or quebec\* or british columbia\* or nunavut\* or yukon\* or northwest territories or new brunswick\* or manitoba\* or saskatchewan\* or alberta\* or nova scotia\* or prince edward\* or newfoundland\*).mp,kw. (27029)
- 35 (canad\* or america\* or australia\* or new zealand\* or alaska\*).tw,kw. (462985)
- 36 31 or 32 or 33 or 34 or 35 (802230)
- 37 native\*.tw,kw. (26961)
- 38 36 and 37 (7715)
- 39 30 or 38 (31654)
- 40 exp tobacco/ (17135)
- 41 exp "tobacco use"/ (97030)
- 42 exp tobacco dependence/ (7574)
- 43 exp cigarette/ (94415)
- 44 exp smoking cessation/ (22927)
- 45 exp smoking cessation program/ (2110)



- 46 exp smoking regulation/ (1380)
- 47 exp nicotine/ (9688)
- 48 exp nicotine replacement therapy/ (2729)
- 49 exp nicotine gum/ (1013)
- 50 smok\*.mp,kw. (130579)
- 51 cigar\*.mp,kw. (32952)
- 52 tobacco\*.mp,kw. (39944)
- 53 nicotine\*.mp,kw. (14872)
- 54 or/40-53 (143708)
- 55 39 and 54 (2092)
- 56 limit 55 to yr="2009 -Current" (1352)

## Database: Cochrane Central Register of Controlled Trials (CCRCT)

### Search Strategy:

- 1 exp American Native Continental Ancestry Group/ (276)
- 2 exp Alaska Natives/ (0)
- 3 exp indians, central american/ (1)
- 4 exp indians, north american/ (235)
- 5 exp indians, south american/ (10)
- 6 exp Inuits/ (35)
- 7 exp oceanic ancestry groups/ (157)
- 8 exp Health Services, Indigenous/ (31)
- 9 indigen\*.mp,kw. (771)
- 10 aborigin\*.mp,kw. (227)
- 11 first nation\*.mp,kw. (100)
- 12 (native\* adj2 people\*).mp,kw. (12)
- 13 (american adj2 indian\*).mp,kw. (572)
- 14 (canadian adj2 indian\*).mp,kw. (1)
- 15 inuit\*.mp,kw. (51)
- 16 eskimo\*.mp,kw. (27)
- 17 inupiat\*.mp,kw. (1)
- 18 yupik\*.mp,kw. (2)
- 19 hawai\*.mp,kw. (250)
- 20 first australian\*.mp,kw. (13)
- 21 torres strait\*.mp,kw. (57)
- 22 islander\*.mp,kw. (191)
- 23 maori\*.mp,kw. (142)
- 24 metis\*.mp,kw. (27)
- 25 cherokee\*.mp,kw. (12)
- 26 chippewa\*.mp,kw. (2)
- 27 navajo\*.mp,kw. (52)
- 28 choctaw\*.mp,kw. (4)
- 29 sioux\*.mp,kw. (8)
- 30 athapaskan\*.mp,kw. (0)
- 31 cree\*.mp,kw. (140)
- 32 mohawk\*.mp,kw. (0)
- 33 okanagan\*.mp,kw. (2)
- 34 ojibwa\*.mp,kw. (2)

- 35 micmac\*.mp,kw. (0)
- 36 or/1-35 (2164)
- 37 exp Canada/ (3281)
- 38 exp United States/ (18078)
- 39 exp New Zealand/ (861)
- 40 exp Australia/ (3788)
- 41 exp South America/ (2166)
- 42 exp Central America/ (253)
- 43 (ontario\* or quebec\* or british columbia\* or nunavut\* or yukon\* or northwest territories or new brunswick\* or manitoba\* or saskatchewan\* or alberta\* or nova scotia\* or prince edward\* or newfoundland\*).mp,kw. (6352)
- 44 (canad\* or america\* or australia\* or new zealand\* or alaska\*).mp,kw. (72325)
- 45 37 or 38 or 39 or 40 or 41 or 42 or 44 (90709)
- 46 native\*.mp,kw. (2453)
- 47 45 and 46 (545)
- 48 36 or 47 (2450)
- 49 exp Smoking Prevention/ (0)
- 50 exp Smoking Cessation/ (3631)
- 51 exp Smoking Reduction/ (0)
- 52 exp Smoking/ (5778)
- 53 exp vaping/ (0)
- 54 exp "Tobacco Use Disorder"/ (1458)
- 55 exp Electronic Nicotine Delivery Systems/ (0)
- 56 exp Tobacco/ (156)
- 57 exp Tobacco Products/ (281)
- 58 exp Tobacco Smoke Pollution/ (280)
- 59 exp tobacco smoking/ (5778)
- 60 exp Tobacco Smoke Pollution/ (280)
- 61 exp Nicotine/ (2301)
- 62 tobacco.mp,kw. (6546)
- 63 second hand.mp,kw. (76)
- 64 vaping.mp,kw. (47)
- 65 smok\*.mp,kw. (26909)
- 66 cigar\*.mp,kw. (5968)
- 67 nicotine\*.mp,kw. (5360)
- 68 or/49-67 (28871)
- 69 48 and 68 (217)
- 70 limit 69 to (yr="2009 -Current" and english language) (130)

## Database: Cochrane Database of Systematic Reviews

### Search Strategy:

- 1 indigen\*.mp,kw. (127)
- 2 aborigin\*.mp,kw. (60)
- 3 first nation\*.mp,kw. (16)
- 4 (native\* adj2 people\*).mp,kw. (3)
- 5 (american adj2 indian\*).mp,kw. (40)
- 6 (canadian adj2 indian\*).mp,kw. (2)
- 7 inuit\*.mp,kw. (28)
- 8 eskimo\*.mp,kw. (10)

- 9 inupiat\*.mp,kw. (1)
- 10 yupik\*.mp,kw. (2)
- 11 hawai\*.mp,kw. (43)
- 12 first australian\*.mp,kw. (2)
- 13 torres strait\*.mp,kw. (30)
- 14 islander\*.mp,kw. (49)
- 15 maori\*.mp,kw. (31)
- 16 metis\*.mp,kw. (6)
- 17 cherokee\*.mp,kw. (2)
- 18 chippewa\*.mp,kw. (1)
- 19 navajo\*.mp,kw. (8)
- 20 choctaw\*.mp,kw. (2)
- 21 sioux\*.mp,kw. (3)
- 22 athapaskan\*.mp,kw. (0)
- 23 cree\*.mp,kw. (76)
- 24 mohawk\*.mp,kw. (0)
- 25 okanagan\*.mp,kw. (3)
- 26 ojibwa\*.mp,kw. (0)
- 27 micmac\*.mp,kw. (0)
- 28 or/1-27 (334)
- 29 (ontario\* or quebec\* or british columbia\* or nunavut\* or yukon\* or northwest territories or new brunswick\* or manitoba\* or saskatchewan\* or alberta\* or nova scotia\* or prince edward\* or newfoundland\*).mp,kw. (688)
- 30 (canad\* or america\* or australia\* or new zealand\* or alaska\*).mp,kw. (6887)
- 31 29 or 30 (6923)
- 32 native\*.mp,kw. (317)
- 33 31 and 32 (243)
- 34 28 or 33 (508)
- 35 tobacco.mp,kw. (389)
- 36 vaping.mp,kw. (2)
- 37 smok\*.mp,kw. (1289)
- 38 cigar\*.mp,kw. (239)
- 39 nicotine\*.mp,kw. (149)
- 40 ecigar\*.mp,kw. (1)
- 41 or/35-40 (1414)
- 42 34 and 41 (149)
- 43 limit 42 to full systematic reviews (119)

## Database: PsychINFO

### Search Strategy:

- 1 exp indigenous populations/ (12718)
- 2 exp pacific islanders/ (845)
- 3 exp american indians/ (6391)
- 4 exp alaska natives/ (792)
- 5 exp inuit/ (503)
- 6 indigen\*.mp. (13791)
- 7 aborigin\*.mp. (3826)
- 8 first nation\*.mp. (1539)
- 9 (native\* adj2 people\*).mp. (529)
- 10 (american adj2 indian\*).mp. (8571)

- 11 (canadian adj2 indian\*).mp. (132)
- 12 inuit\*.mp. (720)
- 13 eskimo\*.mp. (372)
- 14 inupiat\*.mp. (35)
- 15 yupik\*.mp. (65)
- 16 hawai\*.mp. (3183)
- 17 first australian\*.mp. (57)
- 18 torres strait\*.mp. (453)
- 19 islander\*.mp. (2455)
- 20 maori\*.mp. (1331)
- 21 metis\*.mp. (206)
- 22 cherokee\*.mp. (162)
- 23 chippewa\*.mp. (58)
- 24 navajo\*.mp. (666)
- 25 choctaw\*.mp. (50)
- 26 sioux\*.mp. (178)
- 27 athapaskan\*.mp. (20)
- 28 cree\*.mp. (2649)
- 29 mohawk\*.mp. (71)
- 30 okanagan\*.mp. (15)
- 31 ojibwa\*.mp. (111)
- 32 micmac\*.mp. (8)
- 33 or/6-32 (32928)
- 34 (ontario\* or quebec\* or british columbia\* or nunavut\* or yukon\* or northwest territories or new brunswick\* or manitoba\* or saskatchewan\* or alberta\* or nova scotia\* or prince edward\* or newfoundland\*).mp. (16191)
- 35 (canad\* or america\* or australia\* or new zealand\* or alaska\*).mp. (297829)
- 36 34 or 35 (304506)
- 37 native\*.mp. (27792)
- 38 36 and 37 (10237)
- 39 33 or 38 (37730)
- 40 exp tobacco smoking/ (29734)
- 41 exp passive smoking/ (787)
- 42 exp smoking cessation/ (12346)
- 43 exp electronic cigarettes/ (840)
- 44 exp smokeless tobacco/ (788)
- 45 exp nicotine/ (10544)
- 46 smok\*.mp. (56210)
- 47 tobacco\*.mp. (38998)
- 48 vaping.mp. (203)
- 49 cigar\*.mp. (19804)
- 50 nicotine\*.mp. (19237)
- 51 antismok\*.mp. (577)
- 52 or/40-51 (69325)
- 53 39 and 52 (1110)
- 54 limit 53 to (english language and yr="2009 -Current") (653)

## **Database: CINAHL**

## **Search Strategy:**

Search ID#	Search Terms	Search Options	Last Run Via	Results
S56	S38 AND S54	Limiters - Published Date: 20090101-20191231; English Language;	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,426
S55	S38 AND S54	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,680
S54	S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	109,325
S53	nicotine*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	9,994

			Database - CINAHL with Full Text	
S52	(MH "Tobacco Use Cessation Products+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,251
S51	(MH "Nicotine Withdrawal")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	87
S50	(MH "Nicotine Replacement Therapy")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,391
S49	(MH "Nicotine")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,796

S48	tobacco*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	27,999
S47	tobacco	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	27,970
S46	smok*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	100,216
S45	(MH "Tobacco+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	7,808
S44	(MH "Tobacco Products+")	Search modes - Boolean/Phrase	Interface - EBSCOhost	3,218

			Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S43	(MH "Tobacco Use Cessation Products+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,251
S42	(MH "Passive Smoking")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	4,611
S41	(MH "Smoking Cessation Programs")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,018
S40	(MH "Smoking Cessation")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	17,836



			Search Screen - Advanced Search Database - CINAHL with Full Text	
S39	(MH "Smoking")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	51,241
S38	S1 OR S2 OR S3 OR 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 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	105,513
S37	TX eskimo*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,122
S36	TX inuit*	Search modes - Boolean/Phrase	Interface - EBSCOhost	1,277

			Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S35	TX micmac*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	16
S34	TX ojibwa*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	143
S33	okanagan*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	9
S32	TX mohawk*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	400

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S31	TX cree*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	15,934
S30	TX athapaskan*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	4
S29	TX sioux*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,508
S28	TX choctaw*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	151

			Database - CINAHL with Full Text	
S27	TX navajo*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	983
S26	TX cherokee*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	774
S25	TX chippewa*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	265
S24	TX iroquo*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	156

S23	TX metis*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	415
S22	TX maori*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	5,433
S21	islander*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,479
S20	TX torres strait*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,678
S19	TX first australian*	Search modes - Boolean/Phrase	Interface - EBSCOhost	317

			Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S18	TX hawai*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	16,847
S17	TX yupik*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	32
S16	TX inupiat*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	44
S15	TX iroquo*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	156

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S14	TX first nation*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	6,521
S13	TX indigen* or aborig*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	28,749
S12	TX (australia* or new zealand*) N3 native*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	255
S11	TX (canad* or america* or alaska* or united states) N3 indian* or native*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	36,199

			Database - CINAHL with Full Text	
S10	TX (ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*). N3 indian*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	110
S9	TX (ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*). N3 native*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	216
S8	(MH "Health Services, Indigenous")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,090
S7	(MH "Indigenous Health")	Search modes - Boolean/Phrase	Interface - EBSCOhost	890



			Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S6	(MH "Maori")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,329
S5	(MH "Eskimos")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	674
S4	(MH "Eskimos") OR (MH "Maori")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,002
S3	(MH "Native Americans")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	8,000

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S2	(MH "Aborigines+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	0
S1	(MH "Indigenous Peoples+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	17,467

**Database: BNNA**

**Search Strategy:**

S2  
cigar\* OR smok\* OR tobac\* OR nicotine\* OR vaping OR ecigar\*  
Limiters - Published Date: 2009-2019

Search modes - Boolean/Phrase

[View Results \(1,130\)](#) [View Details](#) [Edit](#)

S1  
cigar\* OR smok\* OR tobac\* OR nicotine\* OR vaping OR ecigar\*  
Search modes - Boolean/Phrase

**Question #5: Should pharmacotherapy (nicotine replacement therapy (NRT), or bupropion, or varenicline) be recommended for smoking cessation in pregnant and post-partum women and persons?**

**Original Search Strategy: (January 2009 to July 2019)**

*\*Note:* Search strategies adapted from the Cochrane Pregnancy and Childbirth's Trials Register and The Cochrane Tobacco Addiction Group (TAG)

<https://pregnancy.cochrane.org/pregnancy-and-childbirth-groups-trials-register>

<https://tobacco.cochrane.org/resources/cochrane-tag-specialised-register>

**Databases:** Medline, MEDLINE(R) Epub Ahead of Print and In-Process & Other Non-Indexed Citations, Embase, Cochrane Central Register of Controlled Trials, EBSCO CINAHL, ClinicalTrials.gov

**Database: Medline**

**Search Strategy:**

- 1 exp Pregnancy/ (864570)
- 2 exp Pregnancy Complications/ (410791)
- 3 exp Pregnancy Outcome/ (70210)
- 4 exp pregnancy rate/ (18559)
- 5 exp Pregnant Women/ (7545)
- 6 exp Pregnancy Trimesters/ (39347)
- 7 exp Maternal Health Services/ (46301)
- 8 exp Fetus/ (154219)
- 9 exp Fetal Therapies/ (3833)
- 10 exp Fetal Monitoring/ (8497)
- 11 exp Prenatal Diagnosis/ (71554)
- 12 Perinatal Care/ (4206)
- 13 Labor pain/ (1062)
- 14 Analgesia, Obstetrical/ (3833)
- 15 exp Obstetric Surgical Procedures/ (128603)
- 16 Infant, Newborn/ (583303)
- 17 exp peripartum period/ (1014)
- 18 Breastfeeding/ (35705)
- 19 exp Maternal Mortality/ (9867)
- 20 exp Fetal Mortality/ (483)
- 21 exp Maternal Death/ (661)
- 22 exp Fetal Death/ (28764)

- 23 pregnan\*.mp,kw. (921136)
- 24 matern\*.mp,kw. (289668)
- 25 fetus.mp,kw. (122793)
- 26 foetus.mp,kw. (7395)
- 27 fetal.mp,kw. (329986)
- 28 newborn\*.mp,kw. (722860)
- 29 new-born\*.mp,kw. (3782)
- 30 birth\*.mp,kw. (319334)
- 31 childbirth\*.mp,kw. (18425)
- 32 caesar?an.mp,kw. (18267)
- 33 cesar?an.mp,kw. (56414)
- 34 labour.mp,kw. (26537)
- 35 labor.mp,kw. (112596)
- 36 antepar.mp,kw. (7)
- 37 ante-part\*.mp,kw. (385)
- 38 prenatal\*.mp,kw. (158642)
- 39 antenatal\*.mp,kw. (30892)
- 40 ante-natal\*.mp,kw. (444)
- 41 perinatal\*.mp,kw. (66432)
- 42 peri-natal\*.mp,kw. (197)
- 43 pre-natal\*.mp,kw. (1194)
- 44 post-partum.mp,kw. (10676)
- 45 postpartum\*.mp,kw. (59644)
- 46 obstetric\*.mp,kw. (166011)
- 47 tocoly\*.mp,kw. (4093)
- 48 oxytoci\*.mp,kw. (28541)
- 49 obstetric\*.mp,kw. (166011)
- 50 parturi\*.mp,kw. (26533)
- 51 placent\*.mp,kw. (106438)
- 52 preeclamp\*.mp,kw. (17457)
- 53 eclamp\*.mp,kw. (35914)
- 54 breast-feeding\*.mp,kw. (40016)
- 55 breastfeed\*.mp,kw. (19604)
- 56 preconcept\*.mp,kw. (5310)
- 57 pre-conception\*.mp,kw. (515)
- 58 periconception\*.mp,kw. (1555)
- 59 peri-conception\*.mp,kw. (134)
- 60 interconception\*.mp,kw. (87)
- 61 inter-conception\*.mp,kw. (16)
- 62 or/1-51 (1885224)
- 63 "Tobacco-Use-Cessation"/ (1083)
- 64 exp Smoking Prevention/ (17634)
- 65 exp Smoking Cessation/ (26917)
- 66 exp Smoking Reduction/ (26)
- 67 exp Smoking/ (141214)
- 68 exp vaping/ (339)
- 69 exp "Tobacco Use Disorder"/ (10706)
- 70 exp Electronic Nicotine Delivery Systems/ (2450)
- 71 exp Tobacco/ (29692)
- 72 exp Tobacco Products/ (6684)
- 73 exp tobacco smoking/ (1506)
- 74 exp Tobacco Smoke Pollution/ (12685)
- 75 exp Nicotine/ (24674)

- 76 tobacco.mp,kw. (107401)
- 77 second hand.mp,kw. (1374)
- 78 vaping.mp,kw. (515)
- 79 smok\*.mp,kw. (280700)
- 80 cigar\*.mp,kw. (61216)
- 81 nicotine\*.mp,kw. (40860)
- 82 or/63-81 (341079)
- 83 62 and 82 (31526)
- 84 randomized controlled trial.pt. (484751)
- 85 controlled clinical trial.pt. (93126)
- 86 randomized.ab. (387669)
- 87 placebo.ab. (180637)
- 88 drug therapy.fs. (2120948)
- 89 randomly.ab. (268292)
- 90 trial.ab. (403302)
- 91 groups.ab. (1665757)
- 92 random\*.mp,kw. (1125040)
- 93 or/84-92 (4337804)
- 94 83 and 93 (7278)
- 95 limit 83 to "therapy (best balance of sensitivity and specificity)" (1112)
- 96 94 or 95 (7279)
- 97 limit 96 to (english language and yr="2015 -Current") (1385)

## Database: Medline Epub Ahead of Print

### Search Strategy:

- 1 pregnan\*.mp,kw. (45911)
- 2 matern\*.mp,kw. (29154)
- 3 fetus.mp,kw. (4994)
- 4 foetus.mp,kw. (872)
- 5 fetal.mp,kw. (16334)
- 6 newborn\*.mp,kw. (11939)
- 7 new-born\*.mp,kw. (527)
- 8 birth\*.mp,kw. (31631)
- 9 childbirth\*.mp,kw. (2192)
- 10 caesar?an.mp,kw. (3066)
- 11 cesar?an.mp,kw. (4386)
- 12 labour.mp,kw. (3868)
- 13 labor.mp,kw. (7075)
- 14 antepar.mp,kw. (0)
- 15 ante-part\*.mp,kw. (74)
- 16 prenatal\*.mp,kw. (9681)
- 17 antenatal\*.mp,kw. (4525)
- 18 ante-natal\*.mp,kw. (130)
- 19 perinatal\*.mp,kw. (6688)
- 20 peri-natal\*.mp,kw. (20)
- 21 pre-natal\*.mp,kw. (159)
- 22 post-partum.mp,kw. (1267)
- 23 postpartum\*.mp,kw. (6278)
- 24 obstetric\*.mp,kw. (10634)
- 25 tocoly\*.mp,kw. (206)

- 26 oxytoci\*.mp,kw. (1745)
- 27 obstetric\*.mp,kw. (10634)
- 28 parturi\*.mp,kw. (1994)
- 29 placent\*.mp,kw. (7285)
- 30 preeclamp\*.mp,kw. (3049)
- 31 eclamp\*.mp,kw. (1881)
- 32 breast-feeding\*.mp,kw. (853)
- 33 breastfeed\*.mp,kw. (4889)
- 34 preconcept\*.mp,kw. (741)
- 35 pre-conception\*.mp,kw. (112)
- 36 periconception\*.mp,kw. (152)
- 37 peri-conception\*.mp,kw. (26)
- 38 interconception\*.mp,kw. (11)
- 39 inter-conception\*.mp,kw. (2)
- 40 or/1-38 (119971)
- 41 tobacco.mp,kw. (13539)
- 42 second hand.mp,kw. (260)
- 43 vaping.mp,kw. (289)
- 44 smok\*.mp,kw. (29897)
- 45 cigar\*.mp,kw. (7332)
- 46 nicotine\*.mp,kw. (3915)
- 47 or/41-46 (39609)
- 48 40 and 47 (2731)
- 49 random.mp,kw. (48818)
- 50 trial\*.mp,kw. (136888)
- 51 placebo\*.mp,kw. (19386)
- 52 groups.tw. (267484)
- 53 or/49-52 (421675)
- 54 48 and 53 (610)
- 55 limit 54 to (english language and yr="2015 -Current") (429)

**Database:** Embase

**Search Strategy:**

1	exp pregnancy/ (635202)
2	exp pregnancy disorder/ (502363)
3	exp pregnant woman/ (70967)
4	exp obstetric procedure/ (423859)
5	exp breast feeding/ (49029)
6	exp breast feeding education/ (2306)
7	exp childbirth/ (54385)
8	exp childbirth education/ (404)
9	antenatal.tw. (46101)
10	ante-natal*.tw. (765)

11	antenatal*.tw. (48695)
12	pre-natal*.tw. (1576)
13	prenatal*.tw. (117675)
14	puerper*.tw. (10803)
15	postnatal*.tw. (129501)
16	post-natal*.tw. (10648)
17	(post adj2 natal*).tw. (10675)
18	postpartum.tw. (62538)
19	post-partum.tw. (15640)
20	(post adj2 partum).tw. (15650)
21	prepregnancy.tw. (4049)
22	pre-pregnancy.tw. (4)
23	(pre adj2 pregnancy).tw. (7243)
24	preconcept*.tw. (6914)
25	pre-concept*.tw. (1330)
26	(pre adj2 concept*).tw. (1750)
27	prericoncept*.tw. (0)
28	peri-concept*.tw. (288)
29	(peri adj2 concept*).tw. (345)
30	(preterm and labour).tw. (4418)
31	(preterm and labor).tw. (10874)
32	(premature and labour).tw. (2248)
33	(premature and labor).tw. (5571)
34	eclamp*.tw. (20413)
35	preeclamp*.tw. (32330)
36	(pre adj2 eclamp*).tw. (14767)
37	amniocentes*.tw. (10148)
38	(chorion* adj vill*).tw. (6840)
39	breastfe*.tw. (32231)
40	breast-fe*.tw. (19854)
41	(breast adj2 fe*).tw. (30110)
42	lactation.tw. (36862)
43	caesar?an.tw. (34199)
44	cesar?an.tw. (49308)
45	newborn.tw. (130769)
46	(new adj2 born).tw. (4978)
47	pregnant*.ti. (47715)
48	episiot*.tw. (3601)
49	obstetri*.tw. (127556)
50	or/1-49 (1405748)
51	exp tobacco/ (43562)
52	exp "tobacco use"/ (371358)
53	exp tobacco dependence/ (19549)

54	exp cigarette/ (1486)
55	exp smoking cessation/ (55787)
56	exp smoking cessation program/ (3155)
57	exp smoking reduction/ (127)
58	exp smoking prevention/ (469)
59	exp smoking regulation/ (2502)
60	exp nicotine/ (43182)
61	exp nicotine replacement therapy/ (4862)
62	exp nicotine gum/ (2862)
63	smok*.tw. (382489)
64	cigar*.tw. (85227)
65	tobacco*.tw. (110753)
66	nicotine*.tw. (46979)
67	vaping.tw. (606)
68	or/51-67 (565512)
69	50 and 68 (38935)
70	exp crossover procedure/ (59782)
71	exp double blind procedure/ (162447)
72	exp single blind procedure/ (35680)
73	exp randomized controlled trial/ (557849)
74	crossover*.tw. (71168)
75	(cross adj2 over*).tw. (32536)
76	placebo*.tw. (292190)
77	(doub* adj2 blind*).tw. (199875)
78	allocat*.tw. (141134)
79	random*.tw. (1428304)
80	trial.ti. (274300)
81	or/70-80 (1835430)
82	69 and 81 (3163)
83	limit 69 to "therapy (best balance of sensitivity and specificity)" (3152)
84	82 or 83 (3415)
85	limit 84 to (english language and yr="2015 -Current") (1090)

## Database: Cochrane Central Register of Controlled Trials

### Search Strategy:

- 1 exp Pregnancy/ (19938)
- 2 exp Pregnancy Complications/ (9960)
- 3 exp Pregnancy Outcome/ (2968)
- 4 exp pregnancy rate/ (1431)
- 5 exp Pregnant Women/ (208)
- 6 exp Pregnancy Trimesters/ (1628)
- 7 exp Maternal Health Services/ (1920)



- 8 exp Fetus/ (1619)
- 9 exp Fetal Therapies/ (36)
- 10 exp Fetal Monitoring/ (336)
- 11 exp Prenatal Diagnosis/ (754)
- 12 Perinatal Care/ (145)
- 13 Labor pain/ (299)
- 14 Analgesia, Obstetrical/ (880)
- 15 exp Obstetric Surgical Procedures/ (6500)
- 16 Infant, Newborn/ (14421)
- 17 exp peripartum period/ (9)
- 18 Breastfeeding/ (1673)
- 19 exp Maternal Mortality/ (94)
- 20 exp Fetal Mortality/ (2)
- 21 exp Maternal Death/ (16)
- 22 exp Fetal Death/ (213)
- 23 pregnan\*.mp,kw. (57666)
- 24 matern\*.mp,kw. (19956)
- 25 fetus.mp,kw. (5571)
- 26 foetus.mp,kw. (196)
- 27 fetal.mp,kw. (10227)
- 28 newborn\*.mp,kw. (25414)
- 29 new-born\*.mp,kw. (219)
- 30 birth\*.mp,kw. (26763)
- 31 childbirth\*.mp,kw. (2937)
- 32 caesar?an.mp,kw. (4281)
- 33 cesar?an.mp,kw. (9906)
- 34 labour.mp,kw. (4916)
- 35 labor.mp,kw. (11208)
- 36 antepar.mp,kw. (1)
- 37 ante-part\*.mp,kw. (19)
- 38 prenatal\*.mp,kw. (5988)
- 39 antenatal\*.mp,kw. (3812)
- 40 ante-natal\*.mp,kw. (54)
- 41 perinatal\*.mp,kw. (5164)
- 42 peri-natal\*.mp,kw. (8)
- 43 pre-natal\*.mp,kw. (48)
- 44 post-partum.mp,kw. (1370)
- 45 postpartum\*.mp,kw. (7817)
- 46 obstetric\*.mp,kw. (13354)
- 47 tocoly\*.mp,kw. (838)
- 48 oxytoci\*.mp,kw. (4656)
- 49 obstetric\*.mp,kw. (13354)
- 50 parturi\*.mp,kw. (2449)
- 51 placent\*.mp,kw. (3699)
- 52 preeclamp\*.mp,kw. (2389)
- 53 eclamp\*.mp,kw. (1907)
- 54 breast-feeding\*.mp,kw. (4338)
- 55 breastfeed\*.mp,kw. (3849)
- 56 preconcept\*.mp,kw. (431)
- 57 pre-conception\*.mp,kw. (56)
- 58 periconception\*.mp,kw. (135)
- 59 peri-conception\*.mp,kw. (15)
- 60 interconception\*.mp,kw. (15)

- 61 inter-conception\*.mp,kw. (3)
- 62 or/1-51 (103405)
- 63 "Tobacco-Use-Cessation"/ (86)
- 64 exp Smoking Prevention/ (0)
- 65 exp Smoking Cessation/ (3678)
- 66 exp Smoking Reduction/ (0)
- 67 exp Smoking/ (5814)
- 68 exp vaping/ (0)
- 69 exp "Tobacco Use Disorder"/ (1486)
- 70 exp Electronic Nicotine Delivery Systems/ (0)
- 71 exp Tobacco/ (157)
- 72 exp Tobacco Products/ (286)
- 73 exp Tobacco Smoke Pollution/ (286)
- 74 exp tobacco smoking/ (5814)
- 75 exp Nicotine/ (2340)
- 76 tobacco.mp,kw. (7988)
- 77 second hand.mp,kw. (116)
- 78 vaping.mp,kw. (67)
- 79 smok\*.mp,kw. (33944)
- 80 cigar\*.mp,kw. (7721)
- 81 nicotine\*.mp,kw. (6322)
- 82 or/63-81 (36511)
- 83 62 and 82 (3371)
- 84 limit 83 to (yr="2015 -Current" and english language) (690)

**Database: CINAHL**

Search Strategy

Search ID#	Search Terms	Search Options	Last Run Via	Results
S53	S51 OR S52	Limiters - Published Date: 20150101-20191231 Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	251
S52	S20 AND S36	Limiters - Clinical Queries: Therapy - Best Balance Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	479

			Database - CINAHL with Full Text	
S51	S37 AND S50	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	548
S50	S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	380,548
S49	(MH "Quantitative Studies")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	22,919
S48	(MH "Placebos")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	11,286
S47	placebo*	Search modes - Boolean/Phrase	Interface - EBSCOhost	55,719

			Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S46	random* N2 allocat*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	9,396
S45	randomi* N2 control* N2 trial*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	146,906
S44	singl* N2 blind*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	15,120
S43	doubl* N2 mask*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	524

			CINAHL with Full Text	
S42	doubl* N2 blind*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	51,609
S41	tripl* N2 mask	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2
S40	tripl* N2 blind*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	386
S39	trebl* N2 mask	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	0
S38	clinic* N2 trial*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research	215,589

			Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S37	S20 AND S36	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	8,992
S36	S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	112,861
S35	vaping	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	342
S34	nicotine*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	10,361

S33	(MH "Tobacco Use Cessation Products+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,404
S32	(MH "Nicotine Withdrawal")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	89
S31	(MH "Nicotine Replacement Therapy")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,412
S30	(MH "Nicotine")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,908
S29	tobacco*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	29,071

			Database - CINAHL with Full Text	
S28	smok*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	103,325
S27	(MH "Tobacco+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	7,984
S26	(MH "Tobacco Products+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,458
S25	(MH "Tobacco Use Cessation Products+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,404
S24	(MH "Passive Smoking")	Search modes - Boolean/Phrase	Interface - EBSCOhost	4,719



			Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S23	(MH "Smoking Cessation Programs")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,087
S22	(MH "Smoking Cessation")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	18,243
S21	(MH "Smoking")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	52,583
S20	S1 OR S2 OR S3 OR 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 OR S17 OR S18 OR S19	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	298,206

			CINAHL with Full Text	
S19	prenatal* OR prenatal* OR perinatal* OR peripartum OR antenatal* OR postnatal* OR postnatal* OR postpart* OR post-part* OR puerper* OR prepregnancy OR prepregnancy OR preconcept* OR preconcept* OR periconcept* OR periconcept*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	106,225
S18	midwife OR midwifery	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	51,545
S17	( preterm OR premature ) AND ( labor OR labour )	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	5,411
S16	TI pregnant OR TI pregnancy	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	52,671

			CINAHL with Full Text	
S15	prenatal OR antenatal OR antepartum OR postpartum OR postnatal	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	80,385
S14	breast-fe*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	23,045
S13	breastfeeding	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	14,306
S12	breastfed*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,409
S11	(MH "Diagnosis, Obstetric+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research	20,570

			Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S10	(MH "Surgery, Obstetrical+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	26,654
S9	(MH "Obstetric Nursing")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,543
S8	(MH "Obstetric Emergencies")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	661
S7	(MH "Maternal-Child Care+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	48,840

S6	(MH "Pregnancy Trimesters+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	9,951
S5	(MH "Pregnancy, Multiple+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,909
S4	(MH "Childbirth Education")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,133
S3	(MH "Pregnancy Complications+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	78,648
S2	(MH "Pregnancy+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search	181,984

			Database - CINAHL with Full Text	
S1	(MH "Breast Feeding+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	20,233

**Database:** Clinical Trials.gov

**Search strategy:**

smoking OR smoke OR tobacco OR cigarette OR cigarettes OR vape OR vaping OR ecigarettes | Completed Studies | Studies With Results | obstetric OR obstetrics OR obstetrical OR pregnancy OR pregnant OR pregnancies OR childbirth OR child-birth

Applied Filters: Completed With Results

**Question #7: Should undergraduate education for nurses and the interprofessional team and/or continuing professional development for health providers on Indigenous health be recommended?**

**Original Search Strategy: (January 2009 to November 2019)**

Update Search: November 2019– May 2021

*\*Note: the same original search strategy was used to complete the update searches.*

**Databases:** Medline, Medline Ahead of Print and In Process, Emcare, ERIC, CINAHL, Open Grey

## Database: Medline

### Search Strategy:

#	Searches	Results
1	exp American Native Continental Ancestry Group/	20986
2	exp Alaska Natives/	279
3	exp indians, central american/	537
4	exp indians, north american/	14124
5	exp indians, south american/	3531
6	exp Inuits/	3875
7	exp oceanic ancestry groups/	9839
8	exp Health Services, Indigenous/	3115
9	indigen*.tw,kf.	28034
10	aborigin*.tw,kf.	8575
11	(first nation or first nations).tw,kf.	1230
12	(first people or first peoples).tw,kf.	267
13	(native* adj2 (people or peoples)).tw,kf.	583
14	(american adj2 (indian or indians)).tw,kf.	6304
15	(canadian adj2 (indian or indians)).tw,kf.	121
16	(inuit or inuits).tw,kf.	1603
17	(eskimo or eskimos or eskimoes or eskimoid).tw,kf.	1432
18	(inupiat or inupiat).tw,kf.	52
19	(yupik or yupiks).tw,kf.	161
20	hawai*.tw,kf.	8274
21	first australian*.tw,kf.	228
22	torres strait*.tw,kf.	1386
23	islander*.tw,kf.	4567
24	maori*.tw,kf.	2962
25	metis*.tw,kf.	303

26	cherokee*.tw,kf.	163
27	chippewa*.tw,kf.	77
28	navajo*.tw,kf.	762
29	choctaw*.tw,kf.	66
30	sioux*.tw,kf.	273
31	athapaskan*.tw,kf.	26
32	(cree or crees).tw,kf.	458
33	mohawk*.tw,kf.	162
34	okanagan*.tw,kf.	76
35	ojibwa*.tw,kf.	93
36	micmac*.tw,kf.	22
37	or/1-36	71979
38	exp Canada/	153792
39	exp United States/	1319806
40	exp New Zealand/	38098
41	exp Australia/	139015
42	exp South America/	154076
43	exp Central America/	15318
44	(ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*).tw,kf.	54834
45	(canad* or america* or australia* or new zealand* or alaska*).tw,kf.	587378
46	38 or 39 or 40 or 41 or 42 or 43 or 45	2051583
47	native*.tw,kf.	187136
48	46 and 47	20477
49	37 or 48	84854
50	education/ or curriculum/ or competency-based education/ or interdisciplinary studies/ or education, distance/ or education, nonprofessional/ or education, professional/ or clinical clerkship/ or education, continuing/ or education, professional, retraining/ or education, dental/ or education, dental, continuing/ or education, graduate/ or	348193



	education, dental, graduate/ or education, medical, graduate/ or "internship and residency"/ or education, nursing, graduate/ or education, pharmacy, graduate/ or education, medical/ or education, medical, continuing/ or education, medical, undergraduate/ or teaching rounds/ or education, nursing/ or education, nursing, associate/ or education, nursing, baccalaureate/ or education, nursing, continuing/ or education, nursing, diploma programs/ or nursing education research/ or education, pharmacy/ or education, pharmacy, continuing/ or pharmacy residencies/ or education, public health professional/ or internship, nonmedical/ or mentoring/ or preceptorship/ or inservice training/ or staff development/	
51	(education adj4 (health or medical or nursing or dental or pharmacy or professional? or practitioner? or staff or personnel)).tw,kf.	126032
52	(training adj4 (health or medical or nursing or dental or pharmacy or professional? or practitioner? or staff or personnel)).tw,kf.	42004
53	continuing education.tw,kf.	11611
54	educational activit*.tw,kf.	2997
55	(education* course? or education* activity or education* activities or online education or online course? or online training or training course? or training program* or training activities or university course? or university program*).tw,kf.	46478
56	(workshop or workshops).tw,kf.	31187
57	(inservice? or "in service?").tw,kf.	8411
58	(curriculum? or curricula or curriculae).tw,kf.	43063
59	(short term course? or short term training or short term program*).tw,kf.	840
60	staff development.tw,kf.	1590
61	exp Health Personnel/ed	58415
62	or/50-61	512366
63	culture/ or cross-cultural comparison/ or cultural characteristics/ or cultural competency/ or cultural diversity/	83827
64	Culturally Competent Care/	1235
65	"Attitude of Health Personnel"/	118262
66	(cultural awareness or cultural competence or cultural* aware or cultural* competent).tw,kf.	3866

67	(cultural diversity or cultural diversities or cultural* diverse).tw,kf.	2700
68	cultural pluralism?.tw,kf.	49
69	(transcultural awareness or transcultural competenc* or "trans cultural awareness" or "trans cultural competenc*").tw,kf.	19
70	(multicultural* or "multi cultural*").tw,kf.	2909
71	(pluralism or pluralisms).tw,kf.	939
72	(cultural background or cultural backgrounds).tw,kf.	5536
73	(cultural background or cultural backgrounds).tw,kf.	5536
74	cultural care.tw,kf.	203
75	(cultural safety or culturally safe).tw,kf.	433
76	(cross culture or cross cultural*).tw,kf.	10695
77	(attitude? adj4 (health or medical or nursing or dental or pharmacy or personnel or professional? or practitioner?)).tw,kf.	15935
78	or/63-77	217876
79	62 and 78 [healthcare ed and culture]	45886
80	79 and 49 [healthcare ed and culture and indigenous]	1088
81	limit 80 to yr="2010 -Current"	504
82	limit 81 to english language	499
83	("24412133" or "26034033" or "22762233" or "27428699" or "26400722").ui. [sample records supplied by RNAO]	5
84	82 and 83 [test to see if all records in search results]	5

**Database:** Epub Ahead of Print and In-Process & Other Non-Indexed Citations

**Search strategy:**

1	indigen*.tw,kf.
2	aborigin*.tw,kf.

3	(first nation or first nations).tw,kf.
4	(first people or first peoples).tw,kf.
5	(native* adj2 (people or peoples)).tw,kf.
6	(american adj2 (indian or indians)).tw,kf.
7	(canadian adj2 (indian or indians)).tw,kf.
8	(inuit or inuits).tw,kf.
9	(eskimo or eskimos or eskimoes or eskimoid).tw,kf.
10	(inupiat or inupiat).tw,kf.
11	(yupik or yupiks).tw,kf.
12	hawai*.tw,kf.
13	first australian*.tw,kf.
14	torres strait*.tw,kf.
15	islander*.tw,kf.
16	maori*.tw,kf.
17	metis*.tw,kf.
18	cherokee*.tw,kf.
19	chippewa*.tw,kf.
20	navajo*.tw,kf.
21	choctaw*.tw,kf.
22	sioux*.tw,kf.
23	athapaskan*.tw,kf.
24	(cree or crees).tw,kf.
25	mohawk*.tw,kf.
26	okanagan*.tw,kf.
27	ojibwa*.tw,kf.
28	micmac*.tw,kf.
29	or/1-28
30	(ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*).tw,kf.
31	(canad* or america* or australia* or new zealand* or alaska*).tw,kf.
32	(Belize or Costa Rica or El Salvador or Guatemala or Honduras or Nicaragua or Panama or Argentina or Bolivia or Brazil or Chile or Colombia or Ecuador or French Guiana or Guyana or Paraguay or Peru or Suriname or Uruguay or Venezuela or New South Wales or Northern Territory or Queensland or South Australia or Tasmania or Victoria).tw,kf.
33	or/30-32
34	native*.tw,kf.
35	33 and 34
36	29 or 35
37	(education adj4 (health or medical or nursing or dental or pharmacy or professional? or practitioner? or staff or personnel)).tw,kf.
38	(training adj4 (health or medical or nursing or dental or pharmacy or professional? or practitioner? or staff or personnel)).tw,kf.
39	continuing education.tw,kf.

40	educational activit*.tw,kf.
41	(education* course? or education* activity or education* activities or online education or online course? or online training or training course? or training program* or training activities or university course? or university program*).tw,kf.
42	(workshop or workshops).tw,kf.
43	(inservice? or "in service?").tw,kf.
44	(curriculum? or curricula or curriculae).tw,kf.
45	(short term course? or short term training or short term program*).tw,kf.
46	staff development.tw,kf.
47	or/37-46
48	(cultural awareness or cultural competence or cultural* aware or cultural* competent).tw,kf.
49	(cultural diversity or cultural diversities or cultural* diverse).tw,kf.
50	cultural pluralism?.tw,kf.
51	(transcultural awareness or transcultural competenc* or "trans cultural awareness" or "trans cultural competenc*").tw,kf.
52	(multicultural* or "multi cultural*").tw,kf.
53	(pluralism or pluralisms).tw,kf.
54	(cultural background or cultural backgrounds).tw,kf.
55	cultural character*.tw,kf.
56	cultural care.tw,kf.
57	(cultural safety or culturally safe).tw,kf.
58	(cross culture or cross cultural*).tw,kf.
59	(attitude? adj4 (health or medical or nursing or dental or pharmacy or personnel or professional? or practitioner?)).tw,kf.
60	or/48-59
61	47 and 60
62	36 and 61
63	limit 62 to yr="2010 -Current"
64	limit 63 to english language

**Database:** Emcare

**Search Strategy:**

#	Searches
1	indigenous people/
2	alaska native/
3	american indian/
4	canadian aboriginal/
5	first nation/
6	indigenous australian/
7	taiwanese aborigine/
8	eskimo-aleut people/

9	"aleut (people)"/
10	"yupik (people)"/
11	inuit/
12	"inupiat (people)"/
13	indigenous health care/
14	indigen*.tw,kw.
15	aborigin*.tw,kw.
16	(first nation or first nations).tw,kw.
17	(first people or first peoples).tw,kw.
18	(native* adj2 (people or peoples)).tw,kw.
19	(american adj2 (indian or indians)).tw,kw.
20	(canadian adj2 (indian or indians)).tw,kw.
21	(inuit or inuits).tw,kw.
22	(eskimo or eskimos or eskimoes or eskimoid).tw,kw.
23	(inupiat or inupiat).tw,kw.
24	(yupik or yupiks).tw,kw.
25	hawai*.tw,kw.
26	first australian*.tw,kw.
27	torres strait*.tw,kw.
28	islander*.tw,kw.
29	maori*.tw,kw.
30	metis*.tw,kw.
31	cherokee*.tw,kw.
32	chippewa*.tw,kw.
33	navajo*.tw,kw.
34	choctaw*.tw,kw.
35	sioux*.tw,kw.
36	athapaskan*.tw,kw.
37	(cree or crees).tw,kw.
38	mohawk*.tw,kw.
39	okanagan*.tw,kw.
40	ojibwa*.tw,kw.
41	micmac*.tw,kw.
42	or/1-41
43	exp Canada/
44	exp United States/
45	exp "australia and new zealand"/
46	exp "south and central america"/
47	(ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*).tw,kw.
48	(canad* or america* or australia* or new zealand* or alaska*).tw,kw.
49	or/43-48

50	native*.tw,kw.
51	49 and 50
52	42 or 51
53	education/ or continuing education/ or course content/ or curriculum/ or curriculum development/ or education program/ or educational model/ or "in service training"/ or lifelong learning/ or masters education/ or mentoring/ or postgraduate education/
54	medical education/ or clinical education/ or clinical supervision/ or dental education/ or medical school/ or physician assistant education/ or residency education/ or surgical training/ or teaching round/
55	paramedical education/ or allied health education/ or chiropractic education/ or dietetics education/ or emergency medical services education/ or midwifery education/ or nursing education/ or nurse training/ or occupational therapy education/ or physical therapy education/ or podiatry education/
56	(education adj4 (health or medical or nursing or dental or pharmacy or professional? or practitioner? or staff or personnel)).tw,kw.
57	(training adj4 (health or medical or nursing or dental or pharmacy or professional? or practitioner? or staff or personnel)).tw,kw.
58	continuing education.tw,kw.
59	educational activit*.tw,kw.
60	(education* course? or education* activity or education* activities or online education or online course? or online training or training course? or training program* or training activities or university course? or university program*).tw,kw.
61	(workshop or workshops).tw,kw.
62	(inservice? or "in service?").tw,kw.
63	(curriculum? or curricula or curriculae).tw,kw.
64	(short term course? or short term training or short term program*).tw,kw.
65	staff development.tw,kw.
66	or/53-65
67	competence/ or cultural competence/
68	cultural diversity/ or cultural value/
69	cultural factor/
70	cultural bias/ or cultural sensitivity/
71	transcultural care/ or cultural nursing/ or cultural psychiatry/ or cultural psychology/
72	health personnel attitude/ or audiologist attitude/ or dental assistant attitude/ or dietitian attitude/ or midwife attitude/ or nurse attitude/ or occupational therapist attitude/ or pharmacist attitude/ or physician assistant attitude/ or physician attitude/ or physiotherapist attitude/ or psychotherapist attitude/ or rescue personnel attitude/
73	(cultural awareness or cultural competence or cultural* aware or cultural* competent).tw,kw.
74	(cultural diversity or cultural diversities or cultural* diverse).tw,kw.
75	cultural pluralism?.tw,kw.
76	(transcultural awareness or transcultural competenc* or "trans cultural awareness" or "trans cultural competenc*").tw,kw.
77	(multicultural* or "multi cultural*").tw,kw.
78	(pluralism or pluralisms).tw,kw.

79	(cultural background or cultural backgrounds).tw,kw.
80	(cultural background or cultural backgrounds).tw,kw.
81	cultural care.tw,kw.
82	(cultural safety or culturally safe).tw,kw.
83	(cross culture or cross cultural*).tw,kw.
84	(attitude? adj4 (health or medical or nursing or dental or pharmacy or personnel or professional? or practitioner?)).tw,kw.
85	or/67-84
86	66 and 85 [healthcare ed and culture]
87	86 and 52 [healthcare ed and culture and indigenous]
88	limit 87 to yr="2010 -Current"
89	limit 88 to english language
90	limit 89 to (conference abstract or conference paper or "conference review")
91	89 not 90

## Database: CINAHL

### Search Strategy:

#	Query	Limiters/Expanders
S72	(S30 OR S41) AND S70	Limiters - Published Date: 20100101-20191231; English Language Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S71	(S30 OR S41) AND S70	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S70	S55 AND S69	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S69	S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S68	TI ("cross culture" or "cross cultural*") OR AB ("cross culture" or "cross cultural*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S67	TI ("cultural safety" or "culturally safe") OR AB ("cultural safety" or "culturally safe")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S66	TI ("cultural care") OR AB ("cultural care")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S65	TI ("cultural background" or "cultural backgrounds") OR AB ("cultural background" or "cultural backgrounds")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S64	TI (pluralism or "pluralisms) OR AB (pluralism or "pluralisms)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S63	TI (multicultural* or "multi cultural*") OR AB (multicultural* or "multi cultural*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S62	TI ("transcultural awareness" or "transcultural competenc*" or "trans cultural awareness" or "trans cultural competenc*") OR AB ("transcultural awareness" or "transcultural competenc*" or "trans cultural awareness" or "trans cultural competenc*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S61	TI ("cultural pluralism#") OR AB ("cultural pluralism#")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S60	TI "cultural diversity" or "cultural diversities" or "cultural* diverse") OR AB "cultural diversity" or "cultural diversities" or "cultural* diverse")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S59	TI ("cultural awareness" or "cultural competence" or "cultural* aware" or "cultural* competent") OR AB ("cultural awareness" or "cultural competence" or "cultural* aware" or "cultural* competent")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S58	(MH "Attitude of Health Personnel")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S57	(MH "Cultural Competence") OR ((MH "Cultural Bias") OR (MH "Cultural Sensitivity") OR (MH "Transcultural Care"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S56	(MH "Culture") OR (MH "Cultural Diversity") OR (MH "Cultural Safety") OR (MH "Cultural Values")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S55	S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S54	(MH "Health Personnel/ED")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S53	TI ("staff development") OR AB ("staff development")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S52	TI ("short term course#" or "short term training" or "short term program*") OR AB ("short term	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase



	course#" or "short term training" or "short term program*")	
S51	TI (curriculum# or curricula or curriculae) OR AB (curriculum# or curricula or curriculae)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S50	TI (inservice# or "in service#") OR AB (inservice# or "in service#")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S49	TI (workshop or workshops) OR AB (workshop or workshops)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S48	TI ("education* course#" or "education* activity" or "education* activities" or "online education" or "online course#" or "online training" or "training course#" or "training program*" or "training activities" or "university course#" or "university program*") OR AB ("education* course#" or "education* activity" or "education* activities" or "online education" or "online course#" or "online training" or "training course#" or "training program*" or "training activities" or "university course#" or "university program*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S47	TI ("educational activit*") OR AB ("educational activit*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S46	TI ("continuing education") OR AB ("continuing education")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S45	TI (training N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel)) OR AB (training N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S44	TI (education N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel)) OR AB (education N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S43	(MH "Patient Rounds")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S42	(MH "Curriculum") OR (MH "Course Content") OR (MH "Curriculum Development") OR (MH "Integrated Curriculum") OR (MH "Education, Clinical") OR (MH "Clinical Supervision") OR (MH "Clinical Supervision, Mental Health") OR (MH "Education, Competency-Based") OR (MH "Education, Health Sciences+") OR (MH "Education, Allied Health+") OR (MH "Education, Nursing, Associate") OR (MH "Education, Nursing, Baccalaureate") OR (MH "Education, Chiropractic") OR (MH "Education, Continuing") OR (MH "Education, Medical, Continuing") OR (MH "Education, Nursing, Continuing") OR (MH "Education, Continuing (Credit)") OR (MH "Education, Dental") OR (MH "Education, Diploma Programs") OR (MH "Education, Nursing, Diploma Programs") OR (MH "Education, Nursing, Masters") OR (MH "Education, Nursing, Graduate") OR (MH "Education, Interdisciplinary") OR (MH "Education, Medical") OR (MH "Education, Midwifery") OR (MH "Education, Nursing") OR (MH "Education, Nurse Anesthesia") OR (MH "Education, Nurse Midwifery") OR (MH "Education, Nursing, Practical") OR (MH "Education, Nursing, Research-Based") OR (MH "Education, Pharmacy") OR (MH "Education, Podiatry") OR (MH "Internship and Residency") OR (MH "Staff Development")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S41	S39 AND S40	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S40	TI (native*) OR AB (native*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S39	S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S38	TI (canad* or america* or australia* or new zealand* or alaska*) OR AB	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

	(canad* or america* or australia* or new zealand* or alaska*)	
S37	TI (ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*) OR AB (ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S36	(MH "Central America+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S35	(MH "South America+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S34	(MH "Australia+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S33	(MH "New Zealand")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S32	(MH "United States+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S31	(MH "Canada+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S30	S1 OR S2 OR S3 OR 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 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S29	TI (micmac*) OR AB (micmac*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S28	TI (ojibwa*) OR AB (ojibwa*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S27	TI (okanagan*) OR AB (okanagan*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S26	TI (mohawk*) OR AB (mohawk*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S25	TI (cree or crees) OR AB (cree or crees)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S24	TI (athapaskan*) OR AB (athapaskan*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S23	TI (sioux*) OR AB (sioux*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S22	TI (choctaw*) OR AB (choctaw*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S21	TI (navajo*) OR AB (navajo*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S20	TI (chippewa*) OR AB (chippewa*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S19	TI (cherokee*) OR AB (cherokee*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S18	TI (metis*) OR AB (metis*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S17	TI (maori*) OR AB (maori*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S16	TI (islander*) OR AB (islander*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S15	TI ( "torres strait*") OR AB ( "torres strait*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S14	TI ("first australian*") OR AB ("first australian*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S13	TI hawai* OR AB hawai*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S12	TI (yupik or yupiks) OR AB (yupik or yupiks)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S11	TI (inupiat or inupiat) OR AB (inupiat or inupiat)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S10	TI (eskimo or eskimos or eskimoes or eskimoid) OR AB (eskimo or eskimos or eskimoes or eskimoid)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S9	TI (inuit or inuits) OR AB (inuit or inuits)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S8	TI (canadian N2 (indian or indians)) OR AB (canadian N2 (indian or indians))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S7	TI (american N2 (indian or indians)) OR AB (american N2 (indian or indians))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S6	TI (native* N2 (people or peoples)) OR AB (native* N2 (people or peoples))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S5	TI ("first people" or "first peoples") OR AB ("first people" or "first peoples")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S4	TI ("first nation" or "first nations") OR AB ("first nation" or "first nations")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S3	TI (aborigin*) OR AB (aborigin*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S2	TI (indigen*) OR AB (indigen*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S1	(MH "Indigenous Peoples") OR (MH "Aboriginal Australians") OR (MH "Eskimos") OR (MH "Inuit") OR (MH "Maori") OR (MH "Native Americans")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

### Database: ERIC

#### Search Strategy:

#	Query	Limiters/Expanders
S67	S41 AND S65	Limiters - Date Published: 20100101-20191231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S66	S41 AND S65	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S65	S53 AND S64	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S64	S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S63	TI ("cultural safety" or "culturally safe") OR AB ("cultural safety" or "culturally safe")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S62	TI ("cultural care") OR AB ("cultural care")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S61	TI ("cultural background" or "cultural backgrounds") OR AB ("cultural background" or "cultural backgrounds")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S51	TI ("short term course#" or "short term training" or "term program*") OR AB ("short term course#" or "short term training" or "short term program*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S50	TI (curriculum# or curricula or curriculae) OR AB (curriculum# or curricula or curriculae)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S49	TI (inservice# or "in service#") OR AB (inservice# or "in service#")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S48	TI (workshop or workshops) OR AB (workshop or workshops)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S47	TI ("education* course#" or "education* activity" or "education* activities" or "online education" or "online course#" or "online training" or "training course#" or "training program*" or "training activities" or "university course#" or "university program*") OR AB ("education* course#" or "education* activity" or "education* activities" or "online education" or "online course#" or "online training" or "training course#" or "training program*" or "training activities" or "university course#" or "university program*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S46	TI ("educational activit*") OR AB ("educational activit*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S45	TI ("continuing education") OR AB ("continuing education")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S44	TI (training N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel)) OR AB (training N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S43	TI (education N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel)) OR AB (education N4 (health or medical or nursing or dental or pharmacy or professional# or practitioner# or staff or personnel))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S42	DE "Medical Education" OR DE "Graduate Medical Education" OR DE "Nursing Education" OR DE "Pharmaceutical Education" OR DE "Allied Health Occupations Education" OR DE "Clinical	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

	Experience" OR DE "Clinical Teaching (Health Professions)" OR DE "Dental Schools" OR DE "Health Sciences"	
S41	S1 OR S2 OR S3 OR 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 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S40	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S40	S38 AND S39	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S39	TI (native*) OR AB (native*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S38	S35 OR S36 OR S37	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S37	TI (Belize or Costa Rica or El Salvador or Guatemala or Honduras or Nicaragua or Panama or Argentina or Bolivia or Brazil or Chile or Colombia or Ecuador or French Guiana or Guyana or Paraguay or Peru or Suriname or Uruguay or Venezuela or New South Wales or Northern Territory or Queensland or South Australia or Tasmania or Victoria) OR AB (Belize or Costa Rica or El Salvador or Guatemala or Honduras or Nicaragua or Panama or Argentina or Bolivia or Brazil or Chile or Colombia or Ecuador or French Guiana or Guyana or Paraguay or Peru or Suriname or Uruguay or Venezuela or New South Wales or Northern Territory or Queensland or South Australia or Tasmania or Victoria)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S36	TI (canad* or america* or australia* or new zealand* or alaska*) OR AB (canad* or america* or australia* or new zealand* or alaska*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S35	TI (ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*) OR AB (ontario* or quebec* or british columbia* or nunavut* or yukon* or northwest territories or new brunswick* or manitoba* or saskatchewan* or alberta* or nova scotia* or prince edward* or newfoundland*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S34	TI (micmac*) OR AB (micmac*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S33	TI (ojibwa*) OR AB (ojibwa*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S32	TI (okanagan*) OR AB (okanagan*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S31	TI (mohawk*) OR AB (mohawk*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S30	TI (cree or crees) OR AB (cree or crees)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S29	TI (athapaskan*) OR AB (athapaskan*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S28	TI (sioux*) OR AB (sioux*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S27	TI (choctaw*) OR AB (choctaw*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S26	TI (navajo*) OR AB (navajo*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S25	TI (chippewa*) OR AB (chippewa*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S24	TI (cherokee*) OR AB (cherokee*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S23	TI (metis*) OR AB (metis*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S22	TI (maori*) OR AB (maori*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S21	TI (islander*) OR AB (islander*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S20	TI ("torres strait*") OR AB ("torres strait*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase



S19	TI ("first australian*") OR AB ("first australian*")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S18	TI (hawai*) OR AB (hawai*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S17	TI (yupik or yupiks) OR AB (yupik or yupiks)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S16	TI (inupiat or inupiats) OR AB (inupiat or inupiats)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S15	TI (eskimo or eskimos or eskimoes or eskimoid) OR AB (eskimo or eskimos or eskimoes or eskimoid)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S14	TI (inuit or inuits) OR AB (inuit or inuits)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S13	TI (canadian N2 (indian or indians)) OR (canadian N2 (indian or indians))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S12	TI (american N2 (indian or indians)) OR AB (american N2 (indian or indians))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S11	TI (native* N2 (people or peoples)) OR AB (native* N2 (people or peoples))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S10	TI ("first people" or "first peoples") OR AB ("first people" or "first peoples")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S9	TI ("first nation" or "first nations") OR AB ("first nation" or "first nations")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S8	TI (aborigin*) OR AB (aborigin*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S7	TI (indigen*) OR AB (indigen*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S6	DE "American Indians" OR DE "Maya (People)" OR DE "Navajo (Nation)" OR DE "Nonreservation American Indians" OR DE "Reservation American Indians"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S5	DE "Pacific Americans" OR DE "Hawaiians" OR DE "Samoan Americans"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S4	DE "Eskimos"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S3	DE "Canada Natives"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S2	DE "Alaska Natives"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S1	DE "Indigenous Populations"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

**Database:** Open Grey

**Search Strategy:**

("cultural awareness" or "cultural competence" or "cultural\* aware" or "cultural\* competent")  
 ("cultural diversity" or "cultural diversities" or "cultural\* diverse")  
 ("cultural competency" OR "cultural safety" or "culturally safe" OR "cultural care" OR  
 "transcultural awareness" OR "transcultural competenc\*" OR "trans cultural awareness" OR  
 "trans cultural competenc\*")

**Question #1: Indirect Search:** Should smoking reduction and cessation counselling be recommended for women and persons during pregnancy and the post-partum period?

**Search Strategy: (January 2017-April 2020)**

**Databases:** Medline, Embase, Central Register for Controlled Trials, CINAHL

**Database:** Medline

**Search Strategy:**

#	Searches
1	exp Pregnancy/
2	exp Pregnancy Complications/
3	exp Maternal Health Services/
4	exp Fetus/
5	exp Fetal Therapies/
6	exp Fetal Monitoring/
7	exp Prenatal Diagnosis/
8	Perinatal Care/
9	Labor Pain/

10	Analgesia, Obstetrical/
11	exp Obstetric Surgical Procedures/
12	Infant, Newborn/
13	exp Postpartum Period/
14	Breast Feeding/
15	or/1-14 [Cochrane Pregnancy Childbirth Trial Register terms]
16	exp animals/ not humans.sh.
17	15 not 16
18	exp Smoking/
19	Vaping/
20	"Tobacco Use Disorder"/
21	Electronic Nicotine Delivery Systems/
22	Tobacco/
23	exp Tobacco Products/
24	exp Tobacco Smoking/
25	Tobacco Smoke Pollution/
26	Nicotine/
27	(smoke or smoked or smokes or smoking).tw,kf.
28	(vape or vapes or vaped or vaping).tw,kf.
29	(cigar or cigars).tw,kf.
30	tobacco*.tw,kf.
31	nicotine*.tw,kf.
32	or/18-31 [Smoking Terms Panos Search]
33	17 and 32 [Pregnancy Smoking]
34	"Tobacco Use Cessation"/
35	Smoking Prevention/
36	Smoking Cessation/
37	Smoking Reduction/
38	((abstain* or abstin*) adj2 nicotine).tw,kf.
39	((abstain* or abstin*) adj2 smoking).tw,kf.

40	((abstain* or abstin*) adj2 tobacco).tw,kf.
41	((cease or ceased or ceasing or cessation) adj2 smoking).tw,kf.
42	((decrease or decreased or decreasing) adj2 smoking).tw,kf.
43	((stop or stops or stopped or stopping) adj2 smoking).tw,kf.
44	("giving up smoking" or "give up smoking").tw,kf.
45	quit* smoking.tw,kf.
46	(smoking adj2 prevent*).tw,kf.
47	counseling/
48	directive counseling/
49	motivational interviewing/
50	distance counseling/
51	Behavior Therapy/
52	cognitive behavioral therapy/
53	"acceptance and commitment therapy"/
54	mindfulness/
55	Adaptation, Psychological/
56	counsel*.tw,kf.
57	(behav* adj3 therap*).tw,kf.
58	(commitment adj3 therap*).tw,kf.
59	mindful*.tw,kf.
60	(adapt* adj3 psychol*).tw,kf.
61	(motivation* adj3 interview*).tw,kf.
62	(therap* adj3 relation*).tw,kf.
63	(therap* adj3 allian*).tw,kf.
64	(working adj3 allian*).tw,kf.
65	or/34-64 [Prevention Counselling terms]
66	33 and 65 [Pregnancy AND Smoking AND Cessation or Counselling]
67	smoking cessation agents/
68	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kf.
69	(tobacco adj2 ("cessation agent*" or "cessation product*")).tw,kf.

70	Bupropion/
71	amfebutamone.tw,kf.
72	budeprion.tw,kf.
73	bupropion.tw,kf.
74	wellbatrin.tw,kf.
75	wellbutrin.tw,kf.
76	zyban.tw,kf.
77	Nicotine/
78	nicotine.tw,kf.
79	habitrol.tw,kf.
80	nicabate.tw,kf.
81	nicoderm.tw,kf.
82	nicolan.tw,kf.
83	nicopass.tw,kf.
84	nicopatch.tw,kf.
85	nicorette.tw,kf.
86	nicotin.tw,kf.
87	nicotinell.tw,kf.
88	nicotrol.tw,kf.
89	niquitin.tw,kf.
90	prostep.tw,kf.
91	Nicotine Chewing Gum/
92	Varenicline/
93	champix.tw,kf.
94	chantix.tw,kf.
95	varenicline.tw,kf.
96	or/67-95 [Smoking Cessation Pharmaceutical Terms based on Panos strategy]
97	17 and 96
98	66 or 97 [Pregnancy AND Smoking Cessation Counselling OR Smoking Cessation Agents]
99	limit 98 to english language

100	limit 99 to yr="2017 -Current"
101	randomized controlled trial.pt.
102	controlled clinical trial.pt.
103	randomized.ab.
104	placebo.ab.
105	drug therapy.fs.
106	randomly.ab.
107	trial.ab.
108	groups.ab.
109	random*.tw.
110	or/101-109 [RCTs]
111	98 and 110 [RCTs Pregnancy AND Smoking Cessation OR Smoking Cessation Agents]
112	limit 98 to "therapy (best balance of sensitivity and specificity)"
113	111 or 112
114	limit 113 to english language
115	limit 114 to yr="2017 -Current"

**Database:** EMBASE

Search Strategy:

#	Searches
1	exp pregnancy/
2	exp pregnancy disorder/
3	exp obstetric procedure/
4	exp breast feeding/
5	breast feeding education/
6	exp childbirth/
7	childbirth education/
8	labor pain/

9	(((((antenatal* or prenatal* or puerper* or postnatal* or post-natal* or post) adj natal*) or postpartum or post-partum or post) adj partum).ti,ab.
10	
11	((preterm or premature) and (labour or labor)).ti,ab.
12	((eclamp* or preeclamp* or pre) adj eclamp*).ti,ab.
13	amniocentes*.ti,ab.
14	(chorion* adj vill*).ti,ab.
15	(((((breastfe* or breast-fe* or breast) adj fe*) or lactation).ti,ab.
16	(caesarean or cesarean or caesarian or cesarian or cesarien or caesarien).ti,ab.
17	((newborn or new) adj born).ti,ab.
18	(pregnancy or pregnant or pregnancies).ti.
19	episiotom*.ti,ab.
20	or/1-19 [Cochrane Pregnancy Childbirth Trial Register terms]
21	exp smoking/
22	vaping/
23	tobacco dependence/
24	smoking device/ or cigar/ or cigarette/ or electronic cigarette/ or hookah/
25	tobacco/
26	"tobacco use"/ or tobacco consumption/
27	smokeless tobacco/
28	nicotine/
29	(smoke or smoked or smokes or smoking).tw,kw.
30	(vape or vapes or vaped or vaping).tw,kw.
31	(cigar or cigars).tw,kw.
32	tobacco*.tw,kw.
33	nicotine*.tw,kw.
34	or/21-33
35	20 and 34 [Pregnancy Smoking]
36	smoking cessation/

37	smoking prevention/
38	smoking cessation program/
39	smoking reduction/
40	((abstain* or abstin*) adj2 nicotine).tw,kw.
41	((abstain* or abstin*) adj2 smoking).tw,kw.
42	((abstain* or abstin*) adj2 tobacco).tw,kw.
43	((cease or ceased or ceasing or cessation) adj2 smoking).tw,kw.
44	((decrease or decreased or decreasing) adj2 smoking).tw,kw.
45	((stop or stops or stopped or stopping) adj2 smoking).tw,kw.
46	("giving up smoking" or "give up smoking").tw,kw.
47	quit* smoking.tw,kw.
48	(smoking adj2 prevent*).tw,kw.
49	counseling/
50	directive counseling/
51	motivational interviewing/
52	e-counseling/
53	behavior therapy/
54	cognitive behavioral therapy/
55	"acceptance and commitment therapy"/
56	mindfulness/
57	coping behavior/
58	counsel*.tw,kw.
59	(behav* adj3 therap*).tw,kw.
60	(commitment adj3 therap*).tw,kw.
61	mindful*.tw,kw.
62	(adapt* adj3 psychol*).tw,kw.
63	(motivation* adj3 interview*).tw,kw.
64	(therap* adj3 relation*).tw,kw.
65	(therap* adj3 allian*).tw,kw.
66	(working adj3 allian*).tw,kw.



67	or/36-66
68	35 and 67 [Pregnancy AND Smoking AND Cessation or Counselling]
69	smoking cessation agent/
70	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kw.
71	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kw.
72	(tobacco adj2 ("cessation agent*" or "cessation product*")).tw,kw.
73	amfebutamone/
74	amfebutamone.tw,kw.
75	budeprion.tw,kw.
76	wellbatrin.tw,kw.
77	wellbutrin.tw,kw.
78	zyban.tw,kw.
79	nicotine replacement therapy/
80	nicotine lozenge/
81	nicotine patch/
82	nicotine/
83	nicotine.tw,kw.
84	habitrol.tw,kw.
85	nicabate.tw,kw.
86	nicoderm.tw,kw.
87	nicolan.tw,kw.
88	nicopass.tw,kw.
89	nicopatch.tw,kw.
90	nicorette.tw,kw.
91	nicotin.tw,kw.
92	nicotinell.tw,kw.
93	nicotrol.tw,kw.
94	niquitin.tw,kw.
95	nicotine gum/
96	varenicline/

97	champix.tw,kw.
98	chantix.tw,kw.
99	varenicline.tw,kw.
100	or/69-99 [Smoking Cessation Pharmaceutical Terms]
101	35 and 100 [Pregnancy AND Smoking AND Smoking Cessation Pharmaceuticals]
102	68 or 101
103	limit 102 to english language
104	limit 103 to yr="2017 -Current"
105	crossover procedure/
106	double blind procedure/
107	single blind procedure/
108	randomized controlled trial/
109	crossover*.ti,ab.
110	(cross adj over*).ti,ab.
111	placebo*.ti,ab.
112	(doubl* adj blind*).ti,ab.
113	allocat*.ti,ab.
114	random*.ti,ab.
115	trial*.ti.
116	or/105-115
117	102 and 116 [RCTs Pregnancy AND Smoking Cessation OR Smoking Cessation Agents]
118	limit 102 to "therapy (best balance of sensitivity and specificity)"
119	117 or 118
120	limit 119 to english
121	limit 120 to yr="2017 -Current"

**Database:** Central Registry of Controlled Trials

Search Strategy:

1	exp pregnancy/
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2	exp pregnancy complications/
3	exp infant, newborn/
4	exp fetus/
5	exp fetal development/
6	exp prenatal diagnosis/
7	exp fetal monitoring/
8	exp fetal therapies/
9	exp heart rate, fetal/
10	exp extraembryonic membranes/
11	exp placenta/
12	exp placental function tests/
13	exp uterine monitoring/
14	exp pelvimetry/
15	exp oxytocics/
16	exp tocolytic agents/
17	exp tocolysis/
18	exp maternal health services/
19	exp peripartum period/
20	exp parity/
21	exp perinatal care/
22	exp postpartum period/
23	exp labor pain/
24	exp anesthesia, obstetrical/
25	exp obstetric surgical procedures/
26	exp analgesia, obstetrical/
27	exp obstetric nursing/
28	exp maternal-child nursing/
29	exp midwifery/
30	exp apgar score/
31	exp breast feeding/

32	exp bottle feeding/
33	exp milk, human/
34	pregnan*.tw,kw.
35	fetus.tw,kw.
36	foetus.tw,kw.
37	fetal.tw,kw.
38	foetal.tw,kw.
39	newborn.tw,kw.
40	"new born".tw,kw.
41	birth.tw,kw.
42	childbirth.tw,kw.
43	laboring.tw,kw.
44	labour*.tw,kw.
45	antepart*.tw,kw.
46	prenatal.tw,kw.
47	antenatal.tw,kw.
48	perinatal.tw,kw.
49	postnatal.tw,kw.
50	postpart*.tw,kw.
51	caesar*.tw,kw.
52	cesar*.tw,kw.
53	obstetric*.tw,kw.
54	tocoly*.tw,kw.
55	oxytoci*.tw,kw.
56	placent*.tw,kw.
57	partuir*.tw,kw.
58	preeclamp*.tw,kw.
59	eclamp*.tw,kw.
60	intrapart*.tw,kw.
61	puerper*.tw,kw.

62	episiotom*.tw,kw.
63	amnio*.tw,kw.
64	matern*.tw,kw.
65	gestation*.tw,kw.
66	lactati*.tw,kw.
67	breastfe*.tw,kw.
68	(breast adj fe*).tw,kw.
69	preconcept*.tw,kw.
70	periconcept*.tw,kw.
71	interconcept*.tw,kw.
72	or/1-71 [Cochrane Pregnancy Childbirth Trial Register terms]
73	exp smoking/
74	"tobacco use disorder"/
75	Tobacco/
76	exp tobacco products/
77	"Tobacco Use"/
78	Tobacco Smoke Pollution/
79	Nicotine/
80	(smoke or smoked or smokes or smoking).tw,kw.
81	(vape or vapes or vaped or vaping).tw,kw.
82	(cigar or cigars).tw,kw.
83	tobacco*.tw,kw.
84	nicotine*.tw,kw.
85	or/73-84 [Smoking Terms ]
86	72 and 85 [Pregnancy Smoking]
87	"Tobacco Use Cessation"/
88	"Smoking Cessation"/
89	((abstain* or abstin*) adj2 nicotine).tw,kw.
90	((abstain* or abstin*) adj2 smoking).tw,kw.
91	((abstain* or abstin*) adj2 tobacco).tw,kw.

92	((cease or ceased or ceasing or cessation) adj2 smoking).tw,kw.
93	((decrease or decreased or decreasing) adj2 smoking).tw,kw.
94	((stop or stops or stopped or stopping) adj2 smoking).tw,kw.
95	("giving up smoking" or "give up smoking").tw,kw.
96	quit* smoking.tw,kw.
97	(smoking adj2 prevent*).tw,kw.
98	counseling/
99	directive counseling/
100	motivational interviewing/
101	behavior therapy/
102	cognitive therapy/
103	"acceptance and commitment therapy"/
104	mindfulness/
105	adaptation, psychological/
106	psychotherapy/
107	counsel*.tw,kw.
108	(behav* adj3 therap*).tw,kw.
109	(commitment adj3 therap*).tw,kw.
110	mindful*.tw,kw.
111	(adapt* adj3 psychol*).tw,kw.
112	(motivation* adj3 interview*).tw,kw.
113	(therap* adj3 relation*).tw,kw.
114	(therap* adj3 allian*).tw,kw.
115	(working adj3 allian*).tw,kw.
116	(cognitive adj3 therap*).tw,kw.
117	or/87-116 [Prevention Counselling terms]
118	86 and 117 [Pregnancy AND Smoking AND Cessation or Counselling]
119	"tobacco use cessation products"/
120	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kw.
121	(tobacco adj2 ("cessation agent*" or "cessation product*")).tw,kw.

122	Bupropion/
123	amfebutamone.tw,kw.
124	budeprion.tw,kw.
125	bupropion.tw,kw.
126	wellbatrin.tw,kw.
127	wellbutrin.tw,kw.
128	zyban.tw,kw.
129	Nicotine/
130	nicotine.tw,kw.
131	habitrol.tw,kw.
132	nicabate.tw,kw.
133	nicoderm.tw,kw.
134	nicolan.tw,kw.
135	nicopass.tw,kw.
136	nicopatch.tw,kw.
137	nicorette.tw,kw.
138	nicotin.tw,kw.
139	nicotinell.tw,kw.
140	nicotrol.tw,kw.
141	niquitin.tw,kw.
142	prostep.tw,kw.
143	varenicline.tw,kw.
144	chamfix.tw,kw.
145	chantix.tw,kw.
146	or/119-145 [Smoking Cessation Pharmaceutical Terms]
147	72 and 146 [Pregnancy AND Smoking Cessation Agents]
148	118 or 147 [Pregnancy AND Smoking Cessation Counselling OR Smoking Cessation Agents]
149	limit 148 to english language
150	limit 149 to yr="2017 -Current"

**Database: CINAHL**

Search Strategy:

	<b>Query</b>	<b>Limiters/Expanders</b>
S124	S116 OR S123	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S123	S118 OR S119	Limiters - Published Date: 20170101-20201231; Clinical Queries: Therapy - Best Balance Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S122	S118 OR S119	Limiters - Published Date: 20170101-20201231 Expanders - Apply equivalent subjects Narrow by Language: - english Search modes - Boolean/Phrase
S121	S118 OR S119	Expanders - Apply equivalent subjects Narrow by Language: - english Search modes - Boolean/Phrase
S120	S118 OR S119	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S119	S112 AND S117	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S118	S79 AND S117	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S117	S21 AND S50	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S116	S80 OR S113	Limiters - Published Date: 20170101-20201231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S115	S80 OR S113	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S114	S80 OR S113	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase



S113	S51 AND S112	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S112	S81 OR S82 OR S83 OR S84 OR S85 OR S86 OR S87 OR S88 OR S89 OR S90 OR S91 OR S92 OR S93 OR S94 OR S95 OR S96 OR S97 OR S98 OR S99 OR S100 OR S101 OR S102 OR S103 OR S104 OR S105 OR S106 OR S107 OR S108 OR S109 OR S110 OR S111	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S111	(MH "Electronic Cigarettes")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S110	(MH "Nicotine Patch")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S109	(MH "Nicotine Replacement Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S108	TI varenicline OR AB varenicline	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S107	TI chantix OR AB chantix	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S106	TI champix OR AB champix	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S105	(MH "Varenicline")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S104	(MH "Nicotine Chewing Gum")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S103	TI prostep OR AB prostep	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S102	TI niquitin OR AB niquitin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S101	TI nicotrol OR AB nicotrol	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S100	TI nicotinell OR AB nicotinell	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S99	TI nicotin OR AB nicotin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S98	TI nicotine OR AB nicotine	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S97	TI nicopatch OR AB nicopatch	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S96	TI nicopass OR AB nicopass	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S95	TI nicolan OR AB nicolan	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S94	TI nicoderm OR AB nicoderm	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S93	TI nicabate OR AB nicabate	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S92	TI habitrol OR AB habitrol	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S91	TI nicotine OR AB nicotine	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S90	(MH "Nicotine")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S89	TI zyban OR AB zyban	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S88	TI wellbatrin OR AB wellbatrin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S87	TI bupropion OR AB bupropion	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S86	TI budeprion OR AB budeprion	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S85	TI amfebutamone OR AB amfebutamone	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S84	(MH "Bupropion")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S83	TI (tobacco N2 ("cessation agent*" or "cessation product*")) OR AB (tobacco N2 ("cessation agent*" or "cessation product*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S82	TI (smoking N2 ("cessation agent*" or "cessation product*")) OR AB (smoking N2 ("cessation agent*" or "cessation product*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S81	(MH "Tobacco Use Cessation Products")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S80	S51 AND S79	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S79	S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74 OR S75 OR S76 OR S77 OR S78	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S78	TI (working N3 alian*) OR AB (working N3 alian*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S77	TI (therap* N3 alian*) OR AB (therap* N3 alian*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S76	TI (therap* N3 relation*) OR AB (therap* N3 relation*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S75	TI (motivation* N3 interview*) OR AB (motivation* N3 interview*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S74	TI (adapt* N3 psychol*) OR AB (adapt* N3 psychol*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S73	TI mindful* OR AB mindful*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S72	TI (commitment N3 therap*) OR AB (commitment N3 therap*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S71	TI (behav* N3 therap*) OR AB (behav* N3 therap*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S70	TI counsel* OR AB counsel*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S69	(MH "Adaptation, Psychological")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S68	(MH "Mindfulness")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S67	(MH "Acceptance and Commitment Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S66	(MH "Cognitive Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S65	(MH "Behavior Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S64	(MH "Motivational Interviewing")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S63	(MH "Counseling")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S62	TI (smoking N2 prevent*) OR AB (smoking N2 prevent*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S61	TI "quit* smoking" OR AB "quit* smoking"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S60	TI ("giving up smoking" or "give up smoking") OR AB ("giving up smoking" or "give up smoking")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S59	TI ((stop or stops or stopped or stopping) N2 smoking) OR AB ((stop or stops or stopped or stopping) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S58	TI ((decrease or decreased or decreasing) N2 smoking) OR AB ((decrease or decreased or decreasing) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S57	TI ((cease or ceased or ceasing or cessation) N2 smoking) OR AB ((cease or ceased or ceasing or cessation) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S56	TI ((abstain* or abstin*) N2 tobacco) OR AB ((abstain* or abstin*) N2 tobacco)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S55	TI ((abstain* or abstin*) N2 smoking) OR AB ((abstain* or abstin*) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S54	TI ((abstain* or abstin*) N2 nicotine) OR AB ((abstain* or abstin*) N2 nicotine)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S53	(MH "Smoking Cessation Programs")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S52	(MH "Smoking Cessation")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S51	S39 AND S50	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S50	S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S49	TI nicotine* OR AB nicotine*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S48	TI tobacco OR AB tobacco	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S47	TI (cigar or cigars) OR AB (cigar or cigars)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S46	TI (vape or vapes or vaped or vaping) OR AB (vape or vapes or vaped or vaping)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S45	TI (smoke or smoked or smokes or smoking) OR AB (smoke or smoked or smokes or smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S44	(MH "Nicotine")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S43	(MH "Passive Smoking")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S42	(MH "Tobacco Products")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S41	(MH "Tobacco")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S40	(MH "Smoking")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S39	S21 AND S38	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S38	S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S37	TI (allocat* N1 random*) OR AB (allocat* N1 random*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S36	(MH "Quantitative Studies")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S35	(MH "Placebos")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S34	TI placebo* OR AB placebo*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S33	TI (random* N1 allocat*) OR AB (random* N1 allocat*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S32	(MH "Random Assignment")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S31	TI (randomi* N1 control* N1 trial*) OR AB (randomi* N1 control* N1 trial*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S30	TI (singl* N1 mask*) OR AB (singl* N1 mask*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S29	TI (singl* N1 blind*) OR AB (singl* N1 blind*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S28	TI (doubl* N1 mask*) OR AB (doubl* N1 mask*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S27	TI (doubl* N1 blind*) OR AB (doubl* N1 blind*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S26	TI (tripl* N1 mask*) OR AB (tripl* N1 mask*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S25	TI (tripl* N1 blind*) OR AB (tripl* N1 blind*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S24	TI (trebl* N1 mask*) OR AB (trebl* N1 mask*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S23	TI (clinic* N1 trial*) OR AB (clinic* N1 trial*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S22	(MH "Clinical Trials+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S21	S1 OR S2 OR S3 OR 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 OR S17 OR S18 OR S19 OR S20	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S20	(MH "Diagnosis, Obstetric+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S19	(MH "Surgery, Obstetrical+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S18	(MH "Obstetric Nursing")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S17	(MH "Obstetric Emergencies")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S16	AB prenatal* OR pre-natal* OR perinatal* OR peripartum OR antenatal* OR postnatal* OR postnatal* OR postpart* OR post-part* OR puerper* OR prepregnancy OR pre-pregnancy OR preconcept* OR pre-concept* OR periconcept* OR peri-concept*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S15	TI prenatal* OR pre-natal* OR perinatal* OR peripartum OR antenatal* OR postnatal* OR postnatal* OR postpart* OR post-part* OR puerper* OR prepregnancy OR pre-pregnancy OR preconcept* OR pre-concept* OR periconcept* OR peri-concept*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S14	(MH "Maternal-Child Care+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S13	(MH "Pregnancy Trimesters+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S12	(MH "Pregnancy, Multiple+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S11	(MH "Childbirth Education")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S10	TI (breast-fe*) OR AB (breast-fe*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S9	TI breastfed OR AB breastfed	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S8	TI breastfeeding OR breastfeeding	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S7	(MH "Breast Feeding+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S6	TI (midwife OR midwifery) OR AB (midwife OR midwifery)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S5	TI ((preterm OR premature) AND (labor OR labour)) OR AB ((preterm OR premature) AND (labor OR labour))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S4	TI (pregnant OR pregnancy) OR AB (pregnant OR pregnancy)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S3	TI (prenatal OR antenatal OR antepartum OR postpartum OR postnatal) OR AB (prenatal OR antenatal OR antepartum OR postpartum OR postnatal)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S2	(MH "Pregnancy Complications+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S1	(MH "Pregnancy+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

**Question #3: Indirect Search:** Should smoking reduction and cessation interventions embedded within broader health and wellness programs be recommended?

**Original Search Strategy: (January 2009-May 2020)**

**Databases:** Medline, Embase, Cochrane Database of Systematic Reviews, PsychINFO, CINAHL.

Grey Literature: PQDOpen, CMA Infobase, National Institute for Clinical Excellence

**Database:** MedLine

Search Strategy:

1	exp Smoking/
2	Vaping/
3	"Tobacco Use Disorder"/



4	Electronic Nicotine Delivery Systems/
5	Tobacco/
6	exp Tobacco Products/
7	exp Tobacco Smoking/
8	Tobacco Smoke Pollution/
9	Nicotine/
10	(smoke or smoked or smokes or smoking).tw,kf.
11	(vape or vapes or vaped or vaping).tw,kf.
12	(cigar or cigars).tw,kf.
13	tobacco*.tw,kf.
14	nicotine*.tw,kf.
15	or/1-14 [Smoking Terms]
16	"Tobacco Use Cessation"/
17	Smoking Prevention/
18	Smoking Cessation/
19	Smoking Reduction/
20	((abstain* or abstin*) adj2 nicotine).tw,kf.
21	((abstain* or abstin*) adj2 smoking).tw,kf.
22	((abstain* or abstin*) adj2 tobacco).tw,kf.
23	((cease or ceased or ceasing or cessation) adj2 smoking).tw,kf.
24	((decrease or decreased or decreasing) adj2 smoking).tw,kf.
25	((stop or stops or stopped or stopping) adj2 smoking).tw,kf.
26	("giving up smoking" or "give up smoking").tw,kf.
27	quit* smoking.tw,kf.
28	(smoking adj2 prevent*).tw,kf.
29	counseling/
30	directive counseling/
31	motivational interviewing/
32	distance counseling/
33	Behavior Therapy/

34	cognitive behavioral therapy/
35	"acceptance and commitment therapy"/
36	mindfulness/
37	Adaptation, Psychological/
38	counsel*.tw,kf.
39	(behav* adj3 therap*).tw,kf.
40	(commitment adj3 therap*).tw,kf.
41	mindful*.tw,kf.
42	(adapt* adj3 psychol*).tw,kf.
43	(motivation* adj3 interview*).tw,kf.
44	(therap* adj3 relation*).tw,kf.
45	(therap* adj3 allian*).tw,kf.
46	(working adj3 allian*).tw,kf.
47	or/16-46 [Prevention Counselling terms]
48	15 and 47 [Smoking and Cessation/Counselling]
49	smoking cessation agents/
50	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kf.
51	(tobacco adj2 ("cessation agent*" or "cessation product*")).tw,kf.
52	Bupropion/
53	amfebutamone.tw,kf.
54	budeprion.tw,kf.
55	bupropion.tw,kf.
56	wellbatrin.tw,kf.
57	wellbutrin.tw,kf.
58	zyban.tw,kf.
59	Nicotine/
60	nicotine.tw,kf.
61	habitrol.tw,kf.
62	nicabate.tw,kf.
63	nicoderm.tw,kf.

64	nicolan.tw,kf.
65	nicopass.tw,kf.
66	nicopatch.tw,kf.
67	nicorette.tw,kf.
68	nicotin.tw,kf.
69	nicotinell.tw,kf.
70	nicotrol.tw,kf.
71	niquitin.tw,kf.
72	prostep.tw,kf.
73	Nicotine Chewing Gum/
74	Varenicline/
75	champix.tw,kf.
76	chantix.tw,kf.
77	varenicline.tw,kf.
78	or/49-77 [Smoking Cessation Pharmaceutical Terms]
79	exp Smoking/pc
80	48 or 78 or 79
81	Meta-Analysis as Topic/
82	meta analy*.tw.
83	metaanaly*.tw.
84	Meta-Analysis/
85	(systematic adj (review\$1 or overview\$1)).tw.
86	exp Review Literature as Topic/
87	or/81-86
88	cochrane.ab.
89	embase.ab.
90	(psychlit or psyclit).ab.
91	(cinahl or cinhal).ab.
92	science citation index.ab.
93	bids.ab.

94	cancerlit.ab.
95	or/88-94
96	reference list\$.ab.
97	bibliograph\$.ab.
98	hand-search\$.ab.
99	relevant journals.ab.
100	manual search\$.ab.
101	or/96-100
102	selection criteria.ab.
103	data extraction.ab.
104	102 or 103
105	Review/
106	104 and 105
107	Comment/
108	Letter/
109	Editorial/
110	animal/
111	human/
112	110 and (110 not 111)
113	or/107-109,112
114	87 or 95 or 101 or 106
115	114 not 113 [SIGN SR Filter - based on HIRU filter, Specific]
116	80 and 115
117	limit 116 to english language
118	limit 117 to yr="2009 -Current"

**Database:**

Search Strategy: Embase

1	exp smoking/
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2	vaping/
3	tobacco dependence/
4	smoking device/ or cigar/ or cigarette/ or electronic cigarette/ or hookah/
5	tobacco/
6	"tobacco use"/ or tobacco consumption/
7	smokeless tobacco/
8	nicotine/
9	(smoke or smoked or smokes or smoking).tw,kw.
10	(vape or vapes or vaped or vaping).tw,kw.
11	(cigar or cigars).tw,kw.
12	tobacco*.tw,kw.
13	nicotine*.tw,kw.
14	or/1-13 [Smoking Terms]
15	smoking cessation/
16	smoking prevention/
17	smoking cessation program/
18	smoking reduction/
19	((abstain* or abstin*) adj2 nicotine).tw,kw.
20	((abstain* or abstin*) adj2 smoking).tw,kw.
21	((abstain* or abstin*) adj2 tobacco).tw,kw.
22	((cease or ceased or ceasing or cessation) adj2 smoking).tw,kw.
23	((decrease or decreased or decreasing) adj2 smoking).tw,kw.
24	((stop or stops or stopped or stopping) adj2 smoking).tw,kw.
25	("giving up smoking" or "give up smoking").tw,kw.
26	quit* smoking.tw,kw.
27	(smoking adj2 prevent*).tw,kw.
28	counseling/
29	directive counseling/
30	motivational interviewing/
31	e-counseling/

32	behavior therapy/
33	cognitive behavioral therapy/
34	"acceptance and commitment therapy"/
35	mindfulness/
36	coping behavior/
37	counsel*.tw,kw.
38	(behav* adj3 therap*).tw,kw.
39	(commitment adj3 therap*).tw,kw.
40	mindful*.tw,kw.
41	(adapt* adj3 psychol*).tw,kw.
42	(motivation* adj3 interview*).tw,kw.
43	(therap* adj3 relation*).tw,kw.
44	(therap* adj3 allian*).tw,kw.
45	(working adj3 allian*).tw,kw.
46	or/15-45 [Prevention Counselling terms]
47	14 and 46 [Smoking and Cessation/Counselling]
48	smoking cessation agent/
49	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kw.
50	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kw.
51	(tobacco adj2 ("cessation agent*" or "cessation product*")).tw,kw.
52	amfebutamone/
53	amfebutamone.tw,kw.
54	budeprion.tw,kw.
55	wellbatrin.tw,kw.
56	wellbutrin.tw,kw.
57	zyban.tw,kw.
58	nicotine replacement therapy/
59	nicotine lozenge/
60	nicotine patch/
61	nicotine/

62	nicotine.tw,kw.
63	habitrol.tw,kw.
64	nicabate.tw,kw.
65	nicoderm.tw,kw.
66	nicolan.tw,kw.
67	nicopass.tw,kw.
68	nicopatch.tw,kw.
69	nicorette.tw,kw.
70	nicotin.tw,kw.
71	nicotinell.tw,kw.
72	nicotrol.tw,kw.
73	niquitin.tw,kw.
74	nicotine gum/
75	varenicline/
76	chamfix.tw,kw.
77	chantix.tw,kw.
78	varenicline.tw,kw.
79	or/48-78 [Smoking Cessation Pharmaceutical Terms]
80	smoking/pc [Prevention]
81	47 or 79 or 80
82	exp Meta Analysis/
83	((meta adj analy*) or metaanalys*).tw.
84	(systematic adj (review*1 or overview*1)).tw.
85	or/82-84
86	cancerlit.ab.
87	cochrane.ab.
88	embase.ab.
89	(psychlit or psyclit).ab.
90	(psychinfo or psycinfo).ab.
91	(cinahl or cinhal).ab.

92	science citation index.ab.
93	bids.ab.
94	or/86-93
95	reference lists.ab.
96	bibliograph*.ab.
97	hand-search*.ab.
98	manual search*.ab.
99	relevant journals.ab.
100	or/95-99
101	data extraction.ab.
102	selection criteria.ab.
103	or/101-102
104	review.pt.
105	103 and 104
106	letter.pt.
107	editorial.pt.
108	animal/
109	human/
110	108 not (108 and 109)
111	or/106-107,110
112	85 or 94 or 100 or 105
113	112 not 111 [SIGN SR Filter - based on HIRU filter, Specific]
114	81 and 113
115	limit 114 to english language
116	limit 115 to yr="2009 -Current"

**Database:** Cochrane Database of Systematic Reviews

Search Strategy:



#	Searches
1	(smoke or smoked or smokes or smoking).tw,kw.
2	(vape or vapes or vaped or vaping).tw,kw.
3	(cigar or cigars).tw,kw.
4	tobacco*.tw,kw.
5	nicotine*.tw,kw.
6	or/1-5 [smoking terms]
7	counsel*.tw,kw.
8	(behav* adj3 therap*).tw,kw.
9	(commitment adj3 therap*).tw,kw.
10	mindful*.tw,kw.
11	(adapt* adj3 psychol*).tw,kw.
12	(motivation* adj3 interview*).tw,kw.
13	(therap* adj3 relation*).tw,kw.
14	(therap* adj3 allian*).tw,kw.
15	(working adj3 allian*).tw,kw.
16	(cognitive adj3 therap*).tw,kw.
17	or/7-16 [counselling terms]
18	6 and 17 [smoking cessation AND counselling]
19	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,kw.
20	(tobacco adj2 ("cessation agent*" or "cessation product*")).tw,kw.
21	amfebutamone.tw,kw.
22	budeprion.tw,kw.
23	bupropion.tw,kw.
24	wellbatrin.tw,kw.
25	wellbutrin.tw,kw.
26	zyban.tw,kw.
27	nicotine.tw,kw.
28	habitrol.tw,kw.

29	nicabate.tw,kw.
30	nicoderm.tw,kw.
31	nicolan.tw,kw.
32	nicopass.tw,kw.
33	nicopatch.tw,kw.
34	nicorette.tw,kw.
35	nicotin.tw,kw.
36	nicotinell.tw,kw.
37	nicotrol.tw,kw.
38	niquitin.tw,kw.
39	prostep.tw,kw.
40	varenicline.tw,kw.
41	chamfix.tw,kw.
42	chantix.tw,kw.
43	or/19-42 [smoking cessation pharmaceuticals]
44	18 or 43
45	limit 44 to last 11 years

**Database:** PsychINFO

Search Strategy:

1	tobacco smoking/
2	"tobacco use disorder"/
3	electronic cigarettes/
4	passive smoking/
5	nicotine/
6	(smoke or smoked or smokes or smoking).tw,id.
7	(vape or vapes or vaped or vaping).tw,id.
8	(cigar or cigars).tw,id.
9	tobacco*.tw,id.

10	nicotine*.tw,id.
11	or/1-10 [smoking terms]
12	smoking cessation/
13	((abstain* or abstin*) adj2 nicotine).tw,id.
14	((abstain* or abstin*) adj2 smoking).tw,id.
15	((abstain* or abstin*) adj2 tobacco).tw,id.
16	((cease or ceased or ceasing or cessation) adj2 smoking).tw,id.
17	((decrease or decreased or decreasing) adj2 smoking).tw,id.
18	((stop or stops or stopped or stopping) adj2 smoking).tw,id.
19	("giving up smoking" or "give up smoking").tw,id.
20	quit* smoking.tw,id.
21	(smoking adj2 prevent*).tw,id.
22	counseling/
23	motivational interviewing/
24	online therapy/
25	behavior therapy/
26	cognitive behavior therapy/
27	"acceptance and commitment therapy"/
28	mindfulness/ or mindfulness-based interventions/
29	coping behavior/
30	counsel*.tw,id.
31	(behav* adj3 therap*).tw,id.
32	(commitment adj3 therap*).tw,id.
33	mindful*.tw,id.
34	(adapt* adj3 psychol*).tw,id.
35	(motivation* adj3 interview*).tw,id.
36	(therap* adj3 relation*).tw,id.
37	(therap* adj3 allian*).tw,id.
38	(working adj3 allian*).tw,id.
39	or/12-30 [Prevention Counselling terms]

40	11 and 39 [Smoking and Cessation/Counselling]
41	(smoking adj2 ("cessation agent*" or "cessation product*")).tw,id.
42	(tobacco adj2 ("cessation agent*" or "cessation product*")).tw,id.
43	bupropion/
44	amfebutamone.tw,id.
45	budeprion.tw,id.
46	bupropion.tw,id.
47	wellbatrin.tw,id.
48	wellbutrin.tw,id.
49	zyban.tw,id.
50	nicotine/
51	nicotine.tw,id.
52	habitrol.tw,id.
53	nicabate.tw,id.
54	nicoderm.tw,id.
55	nicolan.tw,id.
56	nicopass.tw,id.
57	nicopatch.tw,id.
58	nicorette.tw,id.
59	nicotin.tw,id.
60	nicotinell.tw,id.
61	nicotrol.tw,id.
62	niquitin.tw,id.
63	prostep.tw,id.
64	chamfix.tw,id.
65	chantix.tw,id.
66	varenicline.tw,id.
67	or/41-66
68	or/41-66 [Smoking Cessation Pharmaceutical Terms]
69	40 or 68

70	limit 69 to "reviews (maximizes specificity)"
71	limit 70 to english language
72	limit 71 to yr="2009 -Current"

**Database: CINAHL**

Search Strategy:

#	Query	Limiters/Expanders
S89	S74 AND S86	Limiters - Published Date: 20090101-20201231 Expanders - Apply equivalent subjects Narrow by Language: - english Search modes - Boolean/Phrase
S88	S74 AND S86	Limiters - Published Date: 20090101-20201231 Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S87	S74 AND S86	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S86	S80 NOT S85	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S85	S81 OR S82 OR S83 OR S84	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S84	(MH "Animals")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S83	PT Editorial	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S82	PT Letter	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S81	PT Commentary	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S80	S75 OR S76 OR S77 OR S78 OR S79	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S79	TI (systematic review) OR TI (systematic overview) OR AB (systematic review) OR AB (systematic overview)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S78	(MH "Literature Review+")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S77	TI metaanaly* OR AB metaanaly*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S76	TI "Meta analys*" OR AB "Meta analys*"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S75	(MH "Meta Analysis")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S74	S40 OR S73	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S73	S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70 OR S71 OR S72	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S72	(MH "Electronic Cigarettes")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S71	(MH "Nicotine Patch")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S70	(MH "Nicotine Replacement Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S69	TI varenicline OR AB varenicline	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S68	TI chantix OR AB chantix	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S67	TI champix OR AB champix	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S66	(MH "Varenicline")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S65	(MH "Nicotine Chewing Gum")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S64	TI prostep OR AB prostep	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S63	TI niquitin OR AB niquitin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S62	TI nicotrol OR AB nicotrol	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S61	TI nicotinell OR AB nicotinell	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S60	TI nicotin OR AB nicotin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S59	TI nicorette OR AB nicorette	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S58	TI nicopatch OR AB nicopatch	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S57	TI nicopass OR AB nicopass	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S56	TI nicolan OR AB nicolan	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S55	TI nicoderm OR AB nicoderm	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S54	TI nicabate OR AB nicabate	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S53	TI habitrol OR AB habitrol	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S52	TI nicotine OR AB nicotine	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S51	(MH "Nicotine")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S50	TI zyban OR AB zyban	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S49	TI wellbutrin OR AB wellbutrin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S48	TI wellbatrin OR AB wellbatrin	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S47	TI bupropion OR AB bupropion	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S46	TI budeprion OR AB budeprion	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S45	TI amfebutamone OR AB amfebutamone	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S44	(MH "Bupropion")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S43	TI (tobacco N2 ("cessation agent*" or "cessation product*")) OR AB (tobacco N2 ("cessation agent*" or "cessation product*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S42	TI (smoking N2 ("cessation agent*" or "cessation product*")) OR AB (smoking N2 ("cessation agent*" or "cessation product*"))	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S41	(MH "Tobacco Use Cessation Products")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S40	S11 AND S39	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S39	S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S38	TI (working N3 allian*) OR AB (working N3 allian*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S37	TI (therap* N3 allian*) OR AB (therap* N3 allian*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S36	TI (therap* N3 relation*) OR AB (therap* N3 relation*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase



S35	TI (motivation* N3 interview*) OR AB (motivation* N3 interview*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S34	TI (adapt* N3 psychol*) OR AB (adapt* N3 psychol*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S33	TI mindful* OR AB mindful*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S32	TI (commitment N3 therap*) OR AB (commitment N3 therap*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S31	TI (behav* N3 therap*) OR AB (behav* N3 therap*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S30	TI counsel* OR AB counsel*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S29	(MH "Adaptation, Psychological")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S28	(MH "Mindfulness")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S27	(MH "Acceptance and Commitment Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S26	(MH "Cognitive Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S25	(MH "Behavior Therapy")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S24	(MH "Motivational Interviewing")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S23	(MH "Counseling")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S22	TI (smoking N2 prevent*) OR AB (smoking N2 prevent*)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S21	TI "quit* smoking" OR AB "quit* smoking"	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S20	TI ("giving up smoking" or "give up smoking") OR AB ("giving up smoking" or "give up smoking")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S19	TI ((stop or stops or stopped or stopping) N2 smoking) OR AB ((stop or stops or stopped or stopping) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S18	TI ((decrease or decreased or decreasing) N2 smoking) OR AB ((decrease or decreased or decreasing) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S17	TI ((cease or ceased or ceasing or cessation) N2 smoking) OR AB ((cease or ceased or ceasing or cessation) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S16	TI ((abstain* or abstin*) N2 tobacco) OR AB ((abstain* or abstin*) N2 tobacco)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S15	TI ((abstain* or abstin*) N2 smoking) OR AB ((abstain* or abstin*) N2 smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S14	TI ((abstain* or abstin*) N2 nicotine) OR AB ((abstain* or abstin*) N2 nicotine)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S13	(MH "Smoking Cessation Programs")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S12	(MH "Smoking Cessation")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S11	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S10	TI nicotine* OR AB nicotine*	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S9	TI tobacco OR AB tobacco	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S8	TI (cigar or cigars) OR AB (cigar or cigars)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S7	TI (vape or vapes or vaped or vaping) OR AB (vape or vapes or vaped or vaping)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S6	TI (smoke or smoked or smokes or smoking) OR AB (smoke or smoked or smokes or smoking)	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

S5	(MH "Nicotine")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S4	(MH "Passive Smoking")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S3	(MH "Tobacco Products")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S2	(MH "Tobacco")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase
S1	(MH "Smoking")	Expanders - Apply equivalent subjects Search modes - Boolean/Phrase

## Gray Literature Resources

### PQDT Open

*SUB(smoking) and PDN(>=20090101) and PDN(<=20200101)*

<https://pqdtopen.proquest.com/results.html?QryTxt=SUB%28smoking%29+&fromyear=2009&toyear=2020&author=&Title=&pubnum=&school=&advisor=&keywords=>

*IF(smoking) and PDN(>=20090101) and PDN(<=20200101) »*

### [CMA Infobase] - CPG Infobase: Clinical Practice Guidelines

Smoking Cessation

<https://joulecma.ca/cpg/search/view/16477>

### National Institute for Clinical Excellence

<https://www.nice.org.uk/guidance/lifestyle-and-wellbeing/smoking-and-tobacco/products?Status=Published>