

## Smoking cessation interventions and services

### Appendix C: Search strategies

#### *NICE guideline NG92*

#### *Appendices*

#### *March 2018*

**November 2021:** NICE guideline NG92 (March 2018) has been updated and replaced by NG209. The recommendations labelled [2018] or [2018, amended 2021] in the updated guideline were based on these evidence reviews.

See [www.nice.org.uk/guidance/NG209](http://www.nice.org.uk/guidance/NG209) for all the current recommendations and evidence reviews.

*FINAL*

*These evidence reviews were developed by  
Public Health Internal Guideline Development  
team*

### **Disclaimer**

The recommendations in this guideline represent the view of NICE, arrived at after careful consideration of the evidence available. When exercising their judgement, professionals are expected to take this guideline fully into account, alongside the individual needs, preferences and values of their patients or service users. The recommendations in this guideline are not mandatory and the guideline does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of the individual patient, in consultation with the patient and/or their carer or guardian.

Local commissioners and/or providers have a responsibility to enable the guideline to be applied when individual health professionals and their patients or service users wish to use it. They should do so in the context of local and national priorities for funding and developing services, and in light of their duties to have due regard to the need to eliminate unlawful discrimination, to advance equality of opportunity and to reduce health inequalities. Nothing in this guideline should be interpreted in a way that would be inconsistent with compliance with those duties.

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# Search strategy and history

Systematic Search history record

Topic: Smoking cessation interventions and services

## A.1 Step 1 CDSR

CDSR search

Database name: Cochrane Database of Systematic Reviews

Date searched: 8 January 2016

Searcher: Paul Levay

QA: Liz Walton

Database platform: Wiley

Database version: Cochrane Database of Systematic Reviews: Issue 1 of 12, January 2016

No. of results: 223

Search strategy:

ID	Search Hits	
#1	[mh "tobacco use"]	4962
#2	[mh ^"tobacco products"]	42
#3	[mh "tobacco smoke pollution"]	230
#4	[mh tobacco]	144
#5	[mh "tobacco use disorder"]	784
#6	[mh "tobacco use cessation"]	3007
#7	[mh "tobacco use cessation products"]	214
#8	[mh smoking]	4960
#9	[mh "smoking cessation"]	2950
#10	[mh nicotine]	1565
#11	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs):ti,ab	18169
#12	(ecig* or e-cig* or e-voke* or vape* or vaping):ti,ab	54
#13	(bidi or bidis or kretek or hand roll* or handroll*):ti,ab	48
#14	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*):ti,ab	1344
#15	{or #1-#14}	19507

All Results (19507)

Cochrane Reviews (223)

All

Review

Protocol

Other Reviews (318)

Trials (18409)

Methods Studies (219)

Technology Assessments (98)

Economic Evaluations (239)

Cochrane Groups (1)

Notes:

The first step is crucial to the whole search process so this search aimed to capture all Cochrane Reviews on cigarettes, smoking, tobacco and nicotine, rather being focussed on cessation activities.

Line 2 The Mesh term tobacco products was not exploded because it has “tobacco, smokeless” as a narrower term.

Line 3 “tobacco smoke pollution” is not one of the interventions of direct interest but we are taking a broad approach here e.g. measures to limit passive smoking are out of scope but whether smoking bans encourage cessation is of interest at this stage.

Line 11 uses cigs to be consistent with ecigs but cig\* was not used because of false hits (CIG Trials Register, CIGB protein).

Line 11 smok\* was changed to “smoking or smoker\*” so it no longer retrieves smoke alarms, factory smoke, smoked fish and smokeless tobacco etc. Terms may have to be added in later steps for “people who smoke”, “smoke-free legislation” or “secondhand smoke” if they are relevant.

Line 12 vape, vaped, vapers and vaping have only been used in the context of smoking since 2011. The more general terms (e.g. vaporiser, vaporizer) and the Mesh term “Nebulizers and Vaporizers” were not appropriate for this step but might be used in later stages.

Line 12 e-voke is the only licensed ecig and it is named in the scope.

Line 14 The name of the nicotine products were taken from the BNF (December 2015).

Following advice from the Cochrane Tobacco Addiction Group, the date limit of 2006-2016 was removed. They advised that reviews published in, say, 2004 and with update searches in 2008 could be missed by this strategy, given the editorial guidelines in place at the time.

The Cochrane Tobacco Addiction Group lists 85 reviews on its website. The strategy retrieves 78 of these. None of the missing 7 relate to smoking. This is because the Group is responsible for orphan topics that do not belong to any other groups.

Browsing the Cochrane Groups' websites

All accessed via <http://www.cochranelibrary.com/home/topic-and-review-group-list.html?page=editorial-group>

Reviews were browsed by title. If the title looked potentially relevant, the link to the full text was followed. The ctrl+F function was used and the review was added to EndNote if it contained the words cigar, smok, nicotine, cessation or tobacco more than once in the full text.

Airways

Date browsed: 6 January 2016

Consumers and Communication

Date browsed: 4 January 2016

Effective Practice and Organisation of Care

Date browsed: 5 January 2016

Lung Cancer

Date browsed: 5 January 2016

Oral Health

Date browsed: 6 January 2016

Public Health

Date browsed: 6 January 2016

Tobacco Addiction

Date browsed: 4 January 2016

Excluded 7 orphan topics

Allergen- specific oral immunotherapy for peanut allergy

Antifibrinolytic therapy to reduce haemoptysis from any cause

Immunotherapy (oral and sublingual) for food allergy to fruits

Mobile learning for delivering health professional education

Oral immunotherapy for milk allergy

Oral and sublingual immunotherapy for egg allergy

Serum or plasma ferritin concentration as an index of iron deficiency and overload

Cochrane search update

The team requested an update search prior to publication of the guidance.

1 Checked whether the included publications had been updated:

Draft Scope question	Title, date updated	NOTES FROM 6 March 2017
Brief advice from a community, health or social care professional	Physician advice for smoking cessation Stead, L. F.; Bergson, G.; Lancaster, T. Online Publication Date: May 2013 Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group	No change – May 2013 is current
	Individual behavioural counselling for smoking cessation	No change – April 2005 is current

	<p>Tim Lancaster, Lindsay F Stead  Online Publication Date: April 2005  Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group</p>	
	<p>Motivational interviewing for smoking cessation</p>	<p>No change – March 2015 is current</p>
	<p>Lindson-Hawley, N., Thompson, T.P., &amp; Begh, R.  Online Publication Date: March 2015  Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group</p>	
<p>Very brief advice from a community, health or social care professional</p>	<p>To explore within the above</p>	
<p>Behavioural support (delivered to a person or a group)</p>	<p>Behavioural interventions as adjuncts to pharmacotherapy for smoking cessation  Lindsay F Stead, Tim Lancaster  Online Publication Date: December 2012  Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group</p>	<p>***This is not the current version. It was replaced by Additional behavioural support as an adjunct to pharmacotherapy for smoking cessation in October 2015</p>
	<p>Combined pharmacotherapy and behavioural interventions for smoking cessation  Lindsay F Stead, Tim Lancaster  Online Publication Date: October 2012  Cochrane Database of Systematic Reviews - Cochrane Tobacco Addiction Group</p>	<p>***This is not the current version. It was updated on 24 March 2016 by v3 Combined pharmacotherapy and behavioural interventions for smoking cessation</p>
<p>Pharmacotherapies - nicotine replacement therapy (for example, patch, gum or spray) or bupropion, on their own or combined with behavioural support</p>	<p>Pharmacological interventions for smoking cessation: an overview and network meta-analysis  Kate Cahill, Sarah Stevens, Rafael Perera, Tim Lancaster  Online Publication Date: May 2013  Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group</p>	<p>No change – May 2013 is current</p>
	<p>Interventions to increase adherence to medications for tobacco dependence  Gareth J Hollands, Máirtín S McDermott, Nicola Lindson- Hawley, Florian Vogt, Amanda Farley, Paul Aveyard  Online Publication Date: February 2015  Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group - protocol only</p>	<p>No change – Feb 2015 is current</p>
	<p>Nicotine replacement therapy for smoking cessation  Lindsay F Stead , Rafael Perera , Chris Bullen , David Mant , Jamie Hartmann-Boyce , Kate Cahill and Tim Lancaster  Online Publication Date: November 2012</p>	<p>No change – Nov 2012 is current</p>

	Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group	
Role of digital media	Internet-based interventions for smoking cessation Marta Civičak, Lindsay F Stead, Jamie Hartmann- Boyce, Aziz Sheikh, Josip	No change – July 2013 is current
	Car Online Publication Date: July 2013 Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group	
	Mobile phone-based interventions for smoking cessation Robyn Whittaker, Hayden McRobbie, Chris Bullen, Ron Borland, Anthony Rodgers, Yulong Gu Online Publication Date: November 2012 Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group	***This is not the current version. It was updated on 10 April 2016 by v4 Mobile phone-based interventions for smoking cessation
Young people	Behavioural interventions as adjuncts to pharmacotherapy for smoking cessation Lindsay F Stead, Tim Lancaster Online Publication Date: December 2012 Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group	***As above this has been replaced
	Combined pharmacotherapy and behavioural interventions for smoking cessation Lindsay F Stead, Tim Lancaster Online Publication Date: October 2012 Cochrane Database of Systematic Reviews - Cochrane Tobacco Addiction Group	***As above this has been updated
	Tobacco cessation interventions for young people Alan Stanton, Gill Grimshaw Online Publication Date: August 2013 Cochrane Database of Systematic Reviews-Cochrane Tobacco Addiction Group	No change – Aug 2013 is current

2 Re-run the CDSR search to check if any new reviews had been published in 2016-2017

Database name: Cochrane Database of Systematic Reviews

Date searched: 6 March 2017

Searcher: Paul Levay

Database platform: Wiley

Database version: Cochrane Database of Systematic Reviews: Issue 3 of 12, March 2017

Saved search account: Paul Levay

No. of results: 44

ID	Search Hits	
#1	[mh "tobacco use"]	6093
#2	[mh ^"tobacco products"]	100
#3	[mh "tobacco smoke pollution"]	279
#4	[mh tobacco]	159
#5	[mh "tobacco use disorder"]	973
#6	[mh "tobacco use cessation"]	3783
#7	[mh "tobacco use cessation products"]	371
#8	[mh smoking]	6076
#9	[mh "smoking cessation"]	3703
#10	[mh nicotine]	1696
#11	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs):ti,ab	21236
#12	(ecig* or e-cig* or e-voke* or vape* or vaping):ti,ab	110
#13	(bidi or bidis or kretek or hand roll* or handroll*):ti,ab	59
#14	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*):ti,ab	1511
#15	{or #1-#14}	22756
#16	{or #1-#14} Publication Year from 2016 to 2017	1867

All Results (1867)

- Cochrane Reviews (44)
  - All
  - Review
  - Protocol
- Other Reviews (0)
- Trials (1819)
- Methods Studies (0)
- Technology Assessments (4)
- Economic Evaluations (0)
- Cochrane Groups (0)

3 Also did a manual check of the same Cochrane Groups as in Jan 2016

All checked 7 March 2017.

All groups accessed from:

<http://www.cochranelibrary.com/home/topic-and-review-group-list.html?page=editorial-group>

Airways Group

No additional reviews identified.

Consumers and Communication Group

No additional reviews identified.

Effective Practice and Organisation of Care Group

Added one review:

Non- medical prescribing versus medical prescribing for acute and chronic disease management in primary and secondary care

Greg Weeks, Johnson George, Katie Maclure, Derek Stewart

Online Publication Date: November 2016

Lung Cancer Group

No additional reviews identified.

Oral Health Group

No additional reviews identified.

Public Health Group

No additional reviews identified.

Tobacco Addiction Group

No additional reviews identified.

Final results for screening

45 results from CDSR 2016/17 update

Step 2 Citation searching

Extraction all done on 22 Feb 2016.

2A Surveillance extraction

Followed the instructions in the protocol

Primary studies will be extracted from the following sources:

The surveillance reports and Evidence Updates to NICE Guidance PH1 and PH10

Responses to the draft scope consultation.

Total = 20 papers extracted.

Searched for them by title in Medline (all available) and then downloaded the details from there to add to EndNote.

## 2B Citation searching

Followed the instruction in the protocol - Forwards citation searching will be conducted using the following sources:

2Bi The Cochrane Reviews identified as relevant to the review questions in Step 1.

2Bii The included papers cited in the Cochrane Reviews if they are relevant to the review questions and prioritised by the reviewers for this stage

2Biii NICE Guidance PH1 and PH10

2Biv The included papers (those contributing to the evidence statements) in NICE Guidance PH1 and PH10 if they are relevant to the review questions and prioritised by the reviewers for this process

2Bv The papers from the surveillance reports and scope consultation response extracted above if they are journal articles relevant to the review questions and prioritised by the reviewers for this process.

All searches were done in the Web of Science Core Collection.

The items were added to marked list and then downloaded, which reduced the number of duplicates being downloaded.

2Bi Citations of Cochrane reviews

The citations for all editions of a Cochrane review were used as it's less likely that a recent one will have been cited e.g. in this example the 2015 edition that was identified in step 1 had been cited 0 times but the 2008 edition had 29 citations (actually 28 in the core collection).

<input type="checkbox"/>	1. <b>Psychosocial interventions for smoking cessation in patients with coronary heart disease</b> By: Barth, Juergen; Jacob, Tiffany; Daha, Ioana; et al. COCHRANE DATABASE OF SYSTEMATIC REVIEWS Issue: 7 Article Number: CD006886 Published: 2015 <a href="#">Full Text from Publisher</a> <a href="#">View Abstract</a>	Times Cited: 0 (from Web of Science Core Collection) Usage Count ▾
<input type="checkbox"/>	3. <b>Psychosocial interventions for smoking cessation in patients with coronary heart disease</b> By: Barth, J.; Critchley, J.; Bengel, J. COCHRANE DATABASE OF SYSTEMATIC REVIEWS Issue: 1 Article Number: CD006886 Published: 2008 <a href="#">Full Text from Publisher</a> <a href="#">View Abstract</a>	Times Cited: 29 (from Web of Science Core Collection) Usage Count ▾

Completed 23 February 2016

2Bii Citations of Cochrane Review included papers

This step was paused on 11 March 2016.

Following PHAC 1 in July 2016 it was decided to run citation searching on the included papers from one Cochrane Review - see below for further details.

2Biii Citation searching on PH1 and PH10

Could not locate either of the guidelines using either WOS or Google Scholar so result = zero.

Completed 23 February 2016.

2Biv Citation searching on the includes from PH1 and PH10

This step was paused on 11 March 2016.

2Bv Citation searching on surveillance extraction results

Citation searching done 22 February 2016.

## Summary of Step 2

Note: ran an automated dedupe. Then did a manual dedupe. And then also removed any Cochrane Reviews that had already appeared in Step 1 (by checking the file for step 1 and manually removing them from the Step 2 EndNote).

Step	No. of hits	No. added to Endnote	Total added to EndNote	Duplicates	2003-2005 papers to remove	Total after deduplication
2A Extracted from surveillance reviews and scope consultation	20	20	2351	221	12	2118
2Bi Citations of Cochrane Reviews	2165	1573				
2Bii Citations of Cochrane Review included papers	Paused	0				
2Biii Citation searching on PH1 and PH10	0	0				
2Biv Citation searching on the includes from PH1 and PH10	Paused	0				
2Bv Citation searching on surveillance extraction results	848	758				

## 2bii (part 2) Citations of Stanton Cochrane Review

Following PHAC 1 in July 2016 it was decided to run citation searching on the included papers from one Cochrane Review as further evidence was required as we had not covered cessation for young people in previous guidance.

Completed 16 August 2016

Step 2	No. of hits	No. added to Endnote	Total added to EndNote	Pre-2006 papers to remove	Duplicates	Removed papers already included in Stanton	Total remaining
2bii (part 2) Citations of Stanton Cochrane Review	98	94					
2bii (part 2) Citations of Stanton Cochrane Review included papers	1127	699	793	93	72	20	608

n=608

Of these 116 had already been sifted in the earlier part of Step 2 so marked in EndNote.

## A.2 Step 3 Grey Literature

Looking for UK evidence on e-cigs in cessation services. Did not include items just covering the technical details of the products e.g. nicotine absorption, nicotine concentrations, pharmacokinetics, toxicity, formaldehyde, explosions, poisonings.

Did not include any journal articles in the results.

Items only recorded once if found on multiple sites e.g. an ASH document found on NICE Evidence.

### 3A Databases

#### HMIC

Database name: Health Management Information Consortium (HMIC)

Date searched: 8 April 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: 1979 to January 2016

Import files: none, reviewed the results on screen and noted any grey literature that had not already been retrieved from the websites below

Database(s): HMIC Health Management Information Consortium 1979 to January 2016

Search Strategy:

# Searches	Results
1 (ecig* or e-cig* or e-voke or evoke or vape* or vaping* or electronic cigarette* or electronic nicotine*).ti,ab,sh.	101

#### SPP

Database name: Social Policy and Practice (SPP)

Date searched: 8 April 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: 201601

Import files: none, reviewed the results on screen and noted any grey literature that had not already been retrieved from the websites below

Database(s): Social Policy and Practice 201601

Search Strategy:

# Searches	Results
1 (ecig* or e-cig* or e-voke or evoke or vape* or vaping* or electronic cigarette* or electronic nicotine*).ti,ab,sh.	73

### 3B Online resources

#### NICE Evidence

Search engine	
Name	NICE Evidence
URL	<a href="http://www.evidence.nhs.uk">http://www.evidence.nhs.uk</a>
Date searched	6 April 2016
Searcher	PL
Search terms	100 results from this strategy - reviewed all items on screen Intitle:ecig* OR Intitle:e-cig* OR Intitle:"e-voke" OR Intitle:evoke OR Intitle:vape OR Intitle:vaping OR Intitle:"electronic cigarette" OR Intitle:"electronic cigarettes" OR Intitle:"electronic nicotine"

	59 results from this strategy - reviewed all items on screen: Intags:ecig* OR Intags:e-cig* OR Intags:"e-voke" OR Intags:evoke OR Intags:vape OR Intags:vaping OR Intags:"electronic cigarette" OR Intags:"electronic cigarettes" OR Intags:"electronic nicotine"
	3874 results from this strategy - reviewed the first 250 results on screen when sorted by relevance.
	Then reviewed on screen the first 250 when sorted by date. Then restricted it to "Area of Interest - Public Health" and reviewed on screen the first 250 results when sorted by relevance. Then restricted to "Type of Info - "Population Needs Assessment", "Policy and Service Development" and "Population Intelligence" - and reviewed all 300 results on screen. ecig* or e-cig* or e-voke or evoke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine"
How the results were selected	Looking for policy and evaluations. Excluded journal articles. Excluded clinical studies.

### OpenGrey

Search engine	
Name	OpenGrey
URL	<a href="http://www.opengrey.eu/">http://www.opengrey.eu/</a>
Date searched	6 April 2016
Searcher	PL
Search terms	Searched for each word separately - plurals done separately too.  ecig* e-cig* e-voke evoke vape vaping electronic cigarette electronic nicotine stop smoking service smoking cessation
How the results were selected	The database is relatively small so looked for any items on service delivery as well as e-cigs.

### Social Care Online

Search engine	
Name	Social Care Online
URL	<a href="http://www.scie-socialcareonline.org.uk">http://www.scie-socialcareonline.org.uk</a>
Date searched	8 April 2016
Searcher	PL
Search terms	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine"
How the results were selected	No results to review
Results	None

### TRIP

Search engine	
Name	TRIP
URL	<a href="https://www.tripdatabase.com">https://www.tripdatabase.com</a>
Date searched	8 April 2016
Searcher	PL
Search terms	(title:ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine")

How the results were selected	The search had 10233 results in total - reviewed the evidence Based Synopses, Guidelines and Regulatory Guidance results
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### 3C Google

Search engine	
Name	Google
URL	<a href="https://www.google.co.uk">https://www.google.co.uk</a>
Date searched	14 April 2016
Searcher	PL
Search terms	<p>site:nhs.uk ecig  site:nhs.uk e-cig  site:nhs.uk "e-voke"  site:nhs.uk vape  site:nhs.uk vaping  site:nhs.uk "electronic cigarette"  site:nhs.uk "e-cigarette"  site:nhs.uk "electronic nicotine"</p> <p>site:nhs.uk "ecig friendly"  site:nhs.uk "e-cig friendly"  site:nhs.uk "e-voke friendly"  site:nhs.uk "vape friendly"  site:nhs.uk "vaping friendly"  site:nhs.uk "electronic cigarette friendly"  site:nhs.uk "e-cigarette friendly"  site:nhs.uk "electronic nicotine friendly"</p> <p>site:gov.uk ecig  site:gov.uk e-cig  site:gov.uk "e-voke"  site:gov.uk vape  site:gov.uk vaping  site:gov.uk "electronic cigarette"  site:gov.uk "e-cigarette"  site:gov.uk "electronic nicotine"</p> <p>site:gov.uk "ecig friendly"  site:gov.uk "e-cig friendly"  site:gov.uk "e-voke friendly"  site:gov.uk "vape friendly"  site:gov.uk "vaping friendly"  site:gov.uk "electronic cigarette friendly"  site:gov.uk "e-cigarette friendly"  site:gov.uk "electronic nicotine friendly"</p> <p>"stop smoking service" ecig  "stop smoking service" e-cig  "stop smoking service" "e-voke"  "stop smoking service" vape  "stop smoking service" vaping  "stop smoking service" "electronic cigarette"  "stop smoking service" "e-cigarette"  "stop smoking service" "electronic nicotine"</p> <p>"smoking cessation service" ecig  "smoking cessation service " e-cig  "smoking cessation service " "e-voke"  "smoking cessation service " vape</p>

	"smoking cessation service " vaping "smoking cessation service " "electronic cigarette" "smoking cessation service " "e-cigarette" "smoking cessation service " "electronic nicotine"
	Note: plurals were also searched
How the results were selected	For each search, reviewed the first 100 results on screen or all of the results if there were <100.

### 3D UK website browsing

#### Action on Smoking and Health (ASH)

Website	
Name	ASH
URL	<a href="http://www.ash.org.uk">http://www.ash.org.uk</a>
Date searched	8 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed <a href="http://www.ash.org.uk/current-policy-issues/harm-reduction-product-regulation/regulating-nicotine-products">http://www.ash.org.uk/current-policy-issues/harm-reduction-product-regulation/regulating-nicotine-products</a>

#### Fresh North East

Website	
Name	Fresh
URL	<a href="http://www.freshne.com/">http://www.freshne.com/</a>
Date searched	8 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed all sections

#### Local Government Association

Website	
Name	Local Government Association
URL	<a href="http://www.local.gov.uk">http://www.local.gov.uk</a>
Date searched	8 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine" or smoking

#### National Audit Office

Website	
Name	National Audit Office
URL	<a href="https://www.nao.org.uk/">https://www.nao.org.uk/</a>
Date searched	8 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine" or smoking

#### National Centre for Smoking Cessation and Training

Website	
Name	National Centre for Smoking Cessation and Training
URL	<a href="http://www.ncsct.co.uk/">http://www.ncsct.co.uk/</a>
Date searched	12 April 2016
Searcher	PL

Search terms (including any specific sections browsed)	Browsed all sections, focused on briefings, commissioning guides, research, research resources.
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### NHS England

Website	
Name	NHS England
URL	<a href="https://www.england.nhs.uk">https://www.england.nhs.uk</a>
Date searched	8 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine" or smoking

### Public Health Agency for Northern Ireland

Website	
Name	Public Health Agency for Northern Ireland
URL	<a href="http://www.publichealth.hscni.net">http://www.publichealth.hscni.net</a>
Date searched	12 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or e-cigarette or "electronic cigarettes" or "electronic nicotine" or smoking

### Public Health England

Website	
Name	Public Health England
URL	<a href="https://www.gov.uk">https://www.gov.uk</a>
Date searched	12 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Searched by organisation: <a href="https://www.gov.uk/government/organisations/public-health-england">https://www.gov.uk/government/organisations/public-health-england</a> And by topic: <a href="https://www.gov.uk/government/policies/smoking">https://www.gov.uk/government/policies/smoking</a> And searched for these terms: ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine"

### Public Health Wales

Website	
Name	Public Health Wales
URL	<a href="http://www.publichealthwales.wales.nhs.uk/">http://www.publichealthwales.wales.nhs.uk/</a>
Date searched	12 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed the tobacco control section <a href="http://www.wales.nhs.uk/sitesplus/888/page/43757">http://www.wales.nhs.uk/sitesplus/888/page/43757</a> and smoking <a href="http://www.wales.nhs.uk/sitesplus/922/page/50314">http://www.wales.nhs.uk/sitesplus/922/page/50314</a> And searched for these terms: ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

### Royal College of Physicians

Website	
Name	Royal College of Physicians
URL	<a href="https://www.rcplondon.ac.uk/">https://www.rcplondon.ac.uk/</a>
Date searched	8 April 2016
Searcher	PL

Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine" or smoking
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#### Royal College of Psychiatrists

Website	
Name	Royal College of Psychiatrists
URL	<a href="http://www.rcpsych.ac.uk/">http://www.rcpsych.ac.uk/</a>
Date searched	8 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "electronic nicotine" or smoking

#### Smokefree NHS

Website	
Name	Smokefree NHS
URL	<a href="http://www.nhs.uk/smokefree">http://www.nhs.uk/smokefree</a>
Date searched	12 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Reviewed <a href="http://www.nhs.uk/smokefree/help-and-advice/e-cigarettes">http://www.nhs.uk/smokefree/help-and-advice/e-cigarettes</a> ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

#### Scottish Government

Website	
Name	Scottish Government
URL	<a href="http://www.gov.scot/Topics/Health">http://www.gov.scot/Topics/Health</a>
Date searched	12 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed <a href="http://www.gov.scot/Topics/Health/Services/Smoking">http://www.gov.scot/Topics/Health/Services/Smoking</a> and <a href="http://www.gov.scot/Topics/Health/Services/Smoking/electroniccigarettes">http://www.gov.scot/Topics/Health/Services/Smoking/electroniccigarettes</a>  ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

#### Scottish Public Health Network

Website	
Name	Scottish Public Health Network
URL	<a href="http://www.scotphn.net/">http://www.scotphn.net/</a>
Date searched	12 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

#### Scottish Public Health Observatory

Website	
Name	Scottish Public Health Observatory
URL	<a href="http://www.scotpho.org.uk">http://www.scotpho.org.uk</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed <a href="http://www.scotpho.org.uk/publications/reports-and-papers">http://www.scotpho.org.uk/publications/reports-and-papers</a> <a href="http://www.scotpho.org.uk/publications/other-key-resources/scottish-policies-and-strategies/topics#tobacco">http://www.scotpho.org.uk/publications/other-key-resources/scottish-policies-and-strategies/topics#tobacco</a>

#### Smokefree South West

Website	
Name	Smokefree South West
URL	<a href="http://www.smokefreesouthwest.org.uk/">http://www.smokefreesouthwest.org.uk/</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

#### Smoking Toolkit Study

Website	
Name	Smoking in England
URL	<a href="http://www.smokinginengland.info/">http://www.smokinginengland.info/</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed reports, publications and documents

#### Treat Tobacco

Website	
Name	
URL	<a href="http://www.treattobacco.net/">http://www.treattobacco.net/</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed <a href="http://www.treattobacco.net/en/page_492.php">http://www.treattobacco.net/en/page_492.php</a>

#### Tobacco Free Futures

Website	
Name	Healthier Futures
URL	The protocol stated <a href="http://tobaccofreefutures.org/">http://tobaccofreefutures.org/</a> but this now redirects to <a href="http://www.healthierfutures.org/">http://www.healthierfutures.org/</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

#### UK Centre for Tobacco and Alcohol Studies

Website	
Name	UK Centre for Tobacco and Alcohol Studies
URL	<a href="http://ukctas.net/">http://ukctas.net/</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

#### University of Bath Tobacco Control Research Group

Website	
Name	<a href="http://www.bath.ac.uk/health/research/tobacco-control/">http://www.bath.ac.uk/health/research/tobacco-control/</a>
URL	University of Bath Tobacco Control Research Group
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed all of the sections

#### University of Stirling Centre for Tobacco Control Research

Website	
Name	University of Stirling Centre for Tobacco Control Research
URL	<a href="https://www.stir.ac.uk/health-sciences/research/groups/ctcr/">https://www.stir.ac.uk/health-sciences/research/groups/ctcr/</a>

Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed all sections

#### Welsh Assembly Government

Website	
Name	<a href="http://gov.wales/?skip=1&amp;lang=en">http://gov.wales/?skip=1&amp;lang=en</a> <a href="http://www.assembly.wales">http://www.assembly.wales</a>
URL	Welsh Government National Assembly for Wales
Date searched	13 April 2016
Searcher	PL
Results	National Assembly for Wales (2016) Public Health (Wales) Bill [the Bill was rejected on 16 March 2016]  Welsh Government (2014) Listening to you: your health matters. Consultation on proposals for a Public Health Bill  Welsh Government (2015) E-cigarette policies: a survey of schools in Wales  Welsh Government (2015) E-cigarette policies: a survey of workplaces in Wales

#### 3E International website browsing

Website	
Name	Centers for Disease Control and Prevention
URL	<a href="http://www.cdc.gov/tobacco/">http://www.cdc.gov/tobacco/</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

Website	
Name	European Commission tobacco policy
URL	<a href="http://ec.europa.eu/health/tobacco/policy/index_en.htm">http://ec.europa.eu/health/tobacco/policy/index_en.htm</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Browsed the key documents, publications and consultations  ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"

Website	
Name	World Health Organization tobacco policy
URL	<a href="http://www.who.int/topics/tobacco/en/">http://www.who.int/topics/tobacco/en/</a>
Date searched	13 April 2016
Searcher	PL
Search terms (including any specific sections browsed)	Also browsed <a href="http://www.who.int/fctc/publications/en/">http://www.who.int/fctc/publications/en/</a>

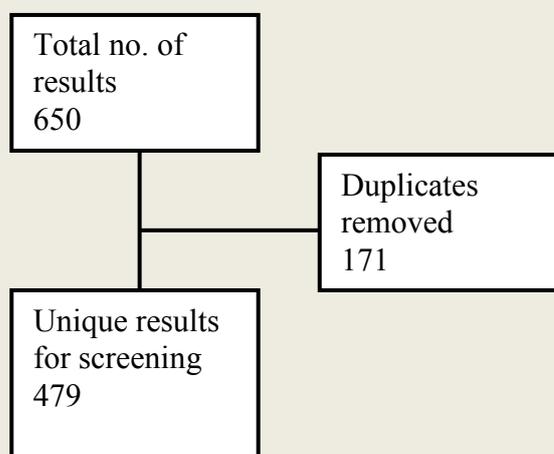
	<p><a href="http://www.euro.who.int/en/health-topics/disease-prevention/tobacco/publications">http://www.euro.who.int/en/health-topics/disease-prevention/tobacco/publications</a></p> <p>ecig* or e-cig* or e-voke or vape or vaping or "electronic cigarette" or "electronic cigarettes" or "e-cigarette" or "electronic nicotine"</p>
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### 3F Update searches

Added further documents identified from internal NICE bulletins on 3 May, 13 May, 18 May, 2 June and 7 July 2016

### A.3 Step 4 Named interventions

Step 4	No. of hits	Total added to EndNote	Duplicates	Total remaining
ASSIA	21	650	171	479
CENTRAL	21			
Embase	408			
HMIC	46			
Medline	115			
MIP	25			
NHS EED	0			
SPP	7			
Implementation bulletin	7			



#### ASSIA

Database name: Applied Social Sciences Index & Abstracts

Date searched: 18 August 2016

Searcher: Paul Levay

Database platform: ProQuest

Database version: Searched 18 Aug 2016

No. of results: 21

Set#	Searched for	Results
S1	SU.EXACT("Heavy smoking" OR "Moderate smoking" OR "Occasional smoking" OR "Passive smoking" OR "Smoking" OR "Tobacco smoke" OR "Tobacco" OR "Cigarettes" OR "Cigars" OR "Nicotine replacement therapy" OR "Nicotine gum" OR "Nicotine patches" OR "Nicotine" OR "Smokers" OR "Transdermal nicotine")	9483°
S2	TI(smoking* OR smoker* OR antismok* OR anti smok* OR anti-smok* OR tobacco* OR nicotine* OR cigar* OR cigs OR ecig* OR e-cig* OR e-voke* OR vape* OR vaping OR bidi OR bidis OR kretek OR hand roll* OR handroll* OR bupropion* OR zyban* OR varenicline* OR champix* OR nicorette* OR niquitin* OR nicotinell* OR nicassist*)	7977°
S3	AB(smoking* OR smoker* OR antismok* OR anti smok* OR anti-smok* OR tobacco* OR nicotin* OR cigar* OR cigs OR ecig* OR e-cig* OR e-voke* OR vape* OR vaping OR bidi OR bidis OR kretek OR hand roll* OR handroll* OR bupropion* OR zyban* OR varenicline* OR champix* OR nicorette* OR niquitin* OR nicotinell* OR nicassist*)	13890°
S4	s1 or s2 or s3	14251°

S5	TI(NICE) OR AB(NICE)	805°
S6	TI("national institute" and "clinical excellence")	25°
S7	AB("national institute" and "clinical excellence")	454°
S8	TI("national institute" and "care excellence")	2°
S9	AB("national institute" and "care excellence")	100°
S10	s5 or s6 or s7 or s8 or s9	994°
S11	s4 and s10	21°

## CENTRAL

Database name: Cochrane Central Register of Controlled Trials

Date searched: 17 August 2016

Searcher: Paul Levay

Database platform: Wiley

Database version: Cochrane Central Register of Controlled Trials : Issue 7 of 12, July 2016

No. of results: 21

ID	Search Hits
#1	[mh "tobacco use"] 5810
#2	[mh ^"tobacco products"] 68
#3	[mh "tobacco smoke pollution"] 259
#4	[mh tobacco] 152
#5	[mh "tobacco use disorder"] 875
#6	[mh "tobacco use cessation"] 3527
#7	[mh "tobacco use cessation products"] 296
#8	[mh smoking] 5803
#9	[mh "smoking cessation"] 3459
#10	[mh nicotine] 1650
#11	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs):ti,ab 19282
#12	(ecig* or e-cig* or e-voke* or vape* or vaping):ti,ab 68
#13	(bidi or bidis or kretek or hand roll* or handroll*):ti,ab 51
#14	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*):ti,ab 1405
#15	{or #1-#14} 20746
#16	nice*:ti,ab 992
#17	(national institute near/5 clinical excellence*):ti,ab 158
#18	(national institute near/5 care excellence*):ti,ab 74
#19	{or #16-#18} 1097
#20	#15 and #19 25

All Results (25)

Cochrane Reviews (4)

All

Review

Protocol

Other Reviews (0)

Trials (21)

Methods Studies (0)

Technology Assessments (0)

Economic Evaluations (0)

Cochrane Groups (0)

Embase

Database name: Embase

Date searched: 17 August 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: Embase 1974 to 2016 August 16

No. of results: 408

Database(s): Embase 1974 to 2016 August 16

Search Strategy:

#	Searches	Results
1	"tobacco use"/	4201
2	tobacco/	39441
3	tobacco dependence/	16010
4	exp smoking/	254198
5	"smoking and smoking related phenomena"/	146
6	bidi smoking/	94
7	cigarette smoke/	9964
8	tobacco smoke/	11036
9	exp smoking regulation/	1382
10	smoking cessation/	45362
11	smoking cessation program/	2405
12	electronic cigarette/	1873
13	nicotine/	40888
14	nicotine replacement therapy/	3927
15	nicotine gum/	2620
16	nicotine lozenge/	197
17	nicotine patch/	1666
18	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs).ti,ab.	402407
19	(ecig* or e-cig* or e-voke* or vape* or vaping).ti,ab.	1435
20	(bidi or bidis or kretek or hand roll* or handroll*).ti,ab.	601
21	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*).ti,ab.	6519
22	or/1-21	488286
23	nice*1.ti,ab.	12620

24 (national institute adj5 clinical excellence*1).ti,ab.	3334
25 (national institute adj5 care excellence*1).ti,ab.	1009
26 or/23-25	14091
27 22 and 26	414
28 remove duplicates from 27	408

## HMIC

Database name: Health Management Information Consortium

Date searched: 17 August 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: HMIC Health Management Information Consortium 1979 to July 2016

No. of results: 46

Database(s): HMIC Health Management Information Consortium 1979 to July 2016

Search Strategy:

#	Searches	Results
1	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs).ti,ab,sh.	9228
2	(ecig* or e-cig* or e-voke* or vape* or vaping).ti,ab,sh.	55
3	(bidi or bidis or kretek or hand roll* or handroll*).ti,ab,sh.	11
4	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*).ti,ab,sh.	123
5	or/1-4	9241
6	nice*1.ti,ab,sh.	1320
7	(national institute adj5 clinical excellence*1).ti,ab,sh.	904
8	(national institute adj5 care excellence*1).ti,ab,sh.	90
9	or/6-8	1650
10	5 and 9	46

## Medline

Database name: Medline

Date searched: 17 August 2016

Searcher: Paul Levay

QA: Tom Hudson

Database platform: Ovid

Database version: Ovid MEDLINE(R) 1946 to August Week 1 2016

No. of results: 115

Database(s): Ovid MEDLINE(R) 1946 to August Week 1 2016

Search Strategy:

#	Searches	Results
1	"tobacco use"/	568
2	tobacco products/	1817
3	tobacco smoke pollution/	11660
4	tobacco/	26775
5	"tobacco use disorder"/	9554

6	"tobacco use cessation"/	903
7	"tobacco use cessation products"/	1199
8	electronic cigarettes/	833
9	smoking/	133133
10	smoking cessation/	23712
11	nicotine/	23109
12	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs).ti,ab.	284262
13	(ecig* or e-cig* or e-voke* or vape* or vaping).ti,ab.	884
14	(bidi or bidis or kretek or hand roll* or handroll*).ti,ab.	420
15	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*).ti,ab.	4102
16	or/1-15	326816
17	nice*1.ti,ab.	5173
18	(national institute adj5 clinical excellence*1).ti,ab.	1744
19	(national institute adj5 care excellence*1).ti,ab.	439
20	or/17-19	6038
21	16 and 20	122
22	remove duplicates from 21	115

#### Medline-in-Process

Database name: Medline in Process

Date searched: 17 August 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: Ovid MEDLINE(R) Epub Ahead of Print August 16, 2016, Ovid

MEDLINE(R) In-Process & Other Non-Indexed Citations August 16, 2016, Ovid

MEDLINE(R) Daily Update August 16, 2016

No. of results: 25

Database(s): Ovid MEDLINE(R) Epub Ahead of Print August 16, 2016, Ovid MEDLINE(R)

In-Process & Other Non-Indexed Citations August 16, 2016, Ovid MEDLINE(R) Daily

Update August 16, 2016

Search Strategy:

#	Searches	Results
1	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs).ti,ab.	31502
2	(ecig* or e-cig* or e-voke* or vape* or vaping).ti,ab.	536
3	(bidi or bidis or kretek or hand roll* or handroll*).ti,ab.	52
4	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*).ti,ab.	543
5	or/1-4	31808
6	nice*1.ti,ab.	1050
7	(national institute adj5 clinical excellence*1) ti,ab.	181
8	(national institute adj5 care excellence*1).ti,ab.	331

9 or/6-8  
10 5 and 9

1265  
25

#### NHS EED

Database name: NHS Economic Evaluation Database

Date searched: 17 August 2016

Searcher: Paul Levay

Database platform: Wiley

Database version: NHS Economic Evaluation Database : Issue 2 of 4, April 2015

No. of results: 0

See CENTRAL above for the search strategy.

#### SPP

Database name: Social Policy and Practice

Date searched: 17 August 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: Social Policy and Practice 201607

No. of results: 7

Database(s): Social Policy and Practice 201607

Search Strategy:

#	Searches	Results
1	(smoking* or smoker* or antismok* or anti smok* or anti-smok* or tobacco* or nicotin* or cigar* or cigs).ti,ab,sh.	3013
2	(ecig* or e-cig* or e-voke* or vape* or vaping).ti,ab,sh.	9
3	(bidi or bidis or kretek or hand roll* or handroll*).ti,ab,sh.	0
4	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist*).ti,ab,sh.	6
5	or/1-4	3014
6	nice*1.ti,ab,sh.	718
7	(national institute adj5 clinical excellence*1).ti,ab,sh.	245
8	(national institute adj5 care excellence*1).ti,ab,sh.	25
9	or/6-8	782
10	5 and 9	7

Also searched the NICE Uptake Data.

<https://www.nice.org.uk/about/what-we-do/into-practice/measuring-the-uptake-of-nice-guidance>

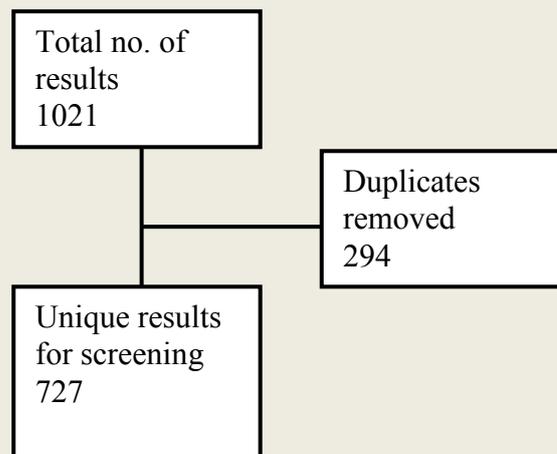
<https://www.nice.org.uk/guidance/PH10/uptake>

## **A.4 Step 5 Economics**

No searches requested

## A.5 Step 6 Digital media

Source	No. of hits	Total added to EndNote	Duplicates	Total remaining
Campbell	0	1021	294	727
DARE	16			
DoPHER	43			
Embase	517			
HealthEv	84			
Medline	282			
MIP	75			
NIHR	1			
PROSPERO	3			



Campbell Collaboration

Database name: Campbell Collaboration Library

Date searched: 23 August 2016

Searcher: Paul Levay

Database platform: website

Database version: <http://www.campbellcollaboration.org/lib/>

No. of results: 0

Did a series of simple searches for:

Smoking

Cigarette

Nicotine

Tobacco

Ecigs

DARE

Database name: Database of Abstracts of Reviews of Effect

Date searched: 23 August 2016

Searcher: Paul Levay

Database platform: Wiley

Database version: Database of Abstracts of Reviews of Effect: Issue 2 of 4, April 2015

No. of results: 16

#1 [mh ^"Smoking Cessation"] 3559

#2 [mh ^"Electronic Cigarettes"] 11

#3 [mh ^"Tobacco Use Cessation Products"] 289

#4 [mh ^"tobacco use cessation"] 90

#5 [mh ^Smoking/DT,TH] 669

#6 [mh ^"Tobacco Use Disorder"/DT,TH] 492

#7 ((quit or quits or quitting or stop or stops or stopping or stopped or stoppage or cease or ceases or ceasing or cessation or cut or cuts or cutting or abstain\* or abstinen\*) near/3 (smoking or cigar\* or cigs or tobacco\* or smoker\* or bidi or bidis or kretek or hand roll\* or handroll\*)):ti,ab 6179

#8 (antismok\* or anti smok\* or anti-smok\*):ti,ab 623

#9 (electronic near/3 cig\*):ti,ab 48

#10 (ecig\* or e-cig\* or e-voke\* or vape\* or vaping):ti,ab 68

#11 (nicotine near/3 (replacement or gum\* or inhaled or inhaler\* or inhalant\* or inhalator\* or spray\* or lozenge\* or tablet\* or transdermal\* or patch\* or therap\* or vaccin\* or device\* or gel\* or pastille\*)):ti,ab 1974

#12 (bupropion\* or zyban\* or varenicline\* or champix\* or nicorette\* or niquitin\* or nicotinell\* or nicassist\* or nrt):ti,ab 1653

#13 {or #1-#12} 8541

#14 [mh ^Telemedicine] 1290

#15 [mh ^Telenursing] 23

#16 [mh ^"Therapy, Computer-Assisted"] 962

#17 [mh ^"User-Computer Interface"] 1113

#18 [mh ^"Software design"] 74

#19 [mh ^Multimedia] 174

#20 [mh ^"Videotape Recording"] 915

#21 [mh ^"Computers, Handheld"] 174

#22 [mh ^Internet] 2538

#23 [mh ^Blogging] 12

#24 [mh ^"Social Networking"] 38

#25 [mh ^"Social Media"] 49

#26 [mh ^"Electronic Mail"] 242

#27 [mh ^"Cell Phones"] 463

#28 [mh ^"Text Messaging"] 284

#29 [mh ^Smartphone] 14

#30 [mh ^"Mobile Applications"] 76

#31 ((digital\* or digitis\* or digitiz\* or electronic\*) near/3 (intervention\* or therap\* or treatment\* or medicine\* or medical\* or health\* or diagnos\* or screening or monitoring or clinical\* or communicat\* or technol\* or media\*)):ti,ab 2190

#32 (telemed\* or tele-med\* or telehealth\* or tele-health\* or telecar\* or tele-car\* or telenurs\* or tele-nurs\* or telemonitor\* or tele-monitor\*):ti,ab 1454

#33 (ehealth\* or e-health\* or mhealth\* or m-health\* or mobile health\*):ti,ab 1079

#34 ((laptop or palm or handheld or tablet or pda or pc) near/3 comput\*):ti,ab 222

#35 ((mobile\* or cell\* or tablet\*) near/1 (phone\* or telephone\* or handset\* or handset\*)):ti,ab 869

#36 (smartphone\* or smart-phone\* or smart telephone\* or iphone\* or i-phone\* or ipad\* or i-pad\* or blackberry\* or smartwatch\* or smart-watch\* or android or device-based or mobile-based or podcast\*):ti,ab 707

#37 ((mobile or electronic\* or digital\*) near/3 (device\* or tablet\*)):ti,ab 435

#38 ((mobile or electronic\* or digital\* or device\* or software\*) near/3 application\*):ti,ab 295

#39 (app or apps or online\* or on-line\* or internet\* or www or web or website\* or webpage\* or portal or search engine\*):ti,ab 17195

#40 (social media\* or social network\* or blog\*):ti,ab 2404

- #41 (Facebook\* or YouTube\* or Twitter\* or LinkedIn\* or Pinterest\* or Google\* or Tumblr\* or Instagram\* or WhatsApp\* or Reddit\* or Flickr\* or SnapChat\* or Yahoo\* or Bing\* or MSN\* or Wikipedia\*):ti,ab 1727
- #42 (e-mail\* or email\* or electronic mail\*):ti,ab 1348
- #43 (text messag\* or texting or texter\* or texted or SMS or short messag\* or multimedia messag\* or multi-media messag\* or mms or instant messag\*):ti,ab 1475
- #44 [mh ^Telephone] 1655
- #45 [mh ^Hotlines] 152
- #46 (helpline\* or help line\* or quitline\* or quit line\* or hotline or hot line\*):ti,ab 1303
- #47 ((telephone or phone) near/3 (line\* or counsel\* or service\* or support\* or intervention\* or therap\* or treatment\* or monitoring)):ti,ab 2552
- #48 {or #14-#47} 33571
- #49 #13 and #48 1162
- #50 #13 and #48 Publication Year from 2006 to 2016 943

All Results (943)

- Cochrane Reviews (52)
  - All
  - Review
  - Protocol
- Other Reviews (18)
- Trials (832)
- Methods Studies (12)
- Technology Assessments (2)
- Economic Evaluations (29)
- Cochrane Groups (0)

DoPHER

Database name: Database of Promoting Health Effectiveness Reviews

Date searched: 23 August 2016

Searcher: Paul Levay

Database platform: website

Database version: <http://eppi.ioe.ac.uk/webdatabases4/Intro.aspx?ID=9>

No. of results: 43

Search	No of hits	View
1	Freetext (All but Authors): smoking	483
2	Freetext (All but Authors): tobacco	265
3	Freetext (All but Authors): "cigarette*"	88
4	Freetext (All but Authors): nicotine	77
5	Freetext (All but Authors): "ecig*"	0
6	1 OR 2 OR 3 OR 4 OR 5	587
7	Freetext (All but Authors): "Facebook*"	3
8	Freetext (All but Authors): "YouTube*"	1
9	Freetext (All but Authors): ""Twitter*" "	1
10	Freetext (All but Authors): "digital media"	3
11	Freetext (All but Authors): "social media"	10
12	Freetext (All but Authors): "social network*"	15
13	Freetext (All but Authors): "telemed*"	3
14	Freetext (All but Authors): "ehealth*"	12
15	Freetext (All but Authors): "mhealth*"	10
16	Freetext (All but Authors): "mobile*"	54
17	Freetext (All but Authors): "smartphone*"	8

18	Freetext (All but Authors): apps	7
19	Freetext (All but Authors): "e-mail*" OR "email*"	21
20	Freetext (All but Authors): "electronic mail*"	0
21	Freetext (All but Authors): "text messag*"	28
22	Freetext (All but Authors): multimedia	15
23	Freetext (All but Authors): "helpline*"	1
24	Freetext (All but Authors): "quitline*"	3
25	Freetext (All but Authors): "hotline*"	5
26	Freetext (All but Authors): "telephone*"	104
27	7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19	
OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26		233
28	6 AND 27	55
29	Freetext (Year): 2006-2016	2339
30	28 AND 29	43

The search interface is not sophisticated enough to do a complicated search so just chose some of the main concepts along with a broad set for the smoking terms.

Embase

Database name: Embase

Date searched: 23 August 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: Embase 1974 to 2016 August 19

No. of results: 517

Database(s): Embase 1974 to 2016 August 22

Search Strategy:

#	Searches	Results
1	tobacco dependence/dt, th	4708
2	exp smoking/dt, th	459
3	bidi smoking/	94
4	exp smoking regulation/	1388
5	smoking cessation/	45440
6	smoking cessation program/	2408
7	electronic cigarette/	1893
8	nicotine replacement therapy/	3936
9	nicotine gum/	2623
10	nicotine lozenge/	197
11	nicotine patch/	1670
12	((quit or quits or quitting or stop or stops or stopping or stopped or stoppage or cease or ceases or ceasing or cessation or cut or cuts or cutting or abstain* or abstinen*) adj3 (smoking or cigar* or cigs or tobacco* or smoker* or bidi or bidis or kretek or hand roll* or handroll*)).ti,ab.	37255
13	(antismok* or anti smok* or anti-smok*).ti,ab.	2185
14	(electronic adj3 cig*).ti,ab.	1160
15	(ecig* or e-cig* or e-voke* or vape* or vaping) ti,ab.	1444

	(nicotine adj3 (replacement or gum* or inhaled or inhaler* or inhalant* or	
16	inhalator* or spray* or lozenge* or tablet* or transdermal* or patch* or therap* or vaccin* or device* or gel* or pastille*)).ti,ab.	6314
17	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist* or nrt).ti,ab.	8056
18	or/1-17	66597
19	exp telemedicine/	24904
20	computer assisted therapy/	3920
21	computer interface/	25216
22	computer program/	185556
23	multimedia/	2861
24	videorecording/	55851
25	internet/	87514
26	social network/	9098
27	social media/	6442
28	e-mail/	12707
29	mobile phone/	11738
30	text messaging/	2194
31	personal digital assistant/	860
32	mobile application/	2562
33	((digital* or digitis* or digitiz* or electronic*) adj3 (intervention* or therap* or treatment* or medicine* or medical* or health* or diagnos* or screening or monitoring or clinical* or communicat* or technol* or media*)).ti,ab.	50209
34	(telemed* or tele-med* or telehealth* or tele-health* or telecar* or tele-car* or telenurs* or tele-nurs* or telemonitor* or tele-monitor*).ti,ab.	13722
35	(ehealth* or e-health* or mhealth* or m-health* or mobile health*).ti,ab.	4639
36	((laptop or palm or handheld or tablet or pda or pc) adj3 comput*).ti,ab.	3269
37	((mobile* or cell* or tablet*) adj (phone* or telephone* or handset* or handset*).ti,ab.	8983
38	(smartphone* or smart-phone* or smart telephone* or iphone* or i-phone* or ipad* or i-pad* or blackberry* or smartwatch* or smart-watch* or android or device-based or mobile-based or podcast*).ti,ab.	11360
39	((mobile or electronic* or digital*) adj3 (device* or tablet*).ti,ab.	10403
40	((mobile or electronic* or digital* or device* or software*) adj3 application*).ti,ab.	10444
41	(app or apps or online* or on-line* or internet* or www or web or website* or webpage* or portal or search engine*).ti,ab.	340151
42	(social media* or social network* or blog*).ti,ab.	17397
43	(Facebook* or YouTube* or Twitter* or LinkedIn* or Pinterest* or Google* or Tumblr* or Instagram* or WhatsApp* or Reddit* or Flickr* or SnapChat* or Yahoo* or Bing* or MSN* or Wikipedia*).ti,ab.	37095
44	(e-mail* or email* or electronic mail*).ti,ab.	20948
45	(text messag* or texting or texter* or texted or SMS or short messag* or multimedia messag* or multi-media messag* or mms or instant messag*).ti,ab.	12726

46 Telephone/	29871
47 (helpline* or help line* or quitline* or quit line* or hotline or hot line*).ti,ab.	2882
48 ((telephone or phone) adj3 (line* or counsel* or service* or support* or intervention* or therap* or treatment* or monitoring)).ti,ab.	7573
49 or/19-48	783211
50 18 and 49	5326
51 Systematic Review/	112471
52 Meta Analysis/	113848
53 Review/	2151740
54 (review* or overview* or over-view*).ti.	432961
55 ((systematic* or narrative or integrative or qualitative or quantitative or literature) adj3 (review* or overview* or over-view*)).ab.	260302
56 (meta-analytic* or metaanalytic* or metanalysis* or metaanalysis* or meta-analysis* or meta-synthesis* or metasynthesis* or meta-regression* or metaregression* or meta regression*).ti,ab.	112823
57 (medline or pubmed).ab.	143981
58 (systematic* adj2 search*2).ab.	20945
59 or/51-58	2620863
60 50 and 59	916
61 limit 60 to english language	870
62 limit 61 to yr="2006-Current"	721
63 remove duplicates from 62	689
64 limit 63 to embase	517

HealthEvidence.org

Database name: Health Evidence

Date searched: 23 August 2016

Searcher: Paul Levay

Database platform: <http://www.healthevidence.org/search.aspx>

Database version: n/a

No. of results: 84

Results for: ("Facebook\*" OR "YouTube\*" OR "Twitter\*" OR "LinkedIn\*" OR "Pinterest\*" OR "Google\*" OR "Tumblr\*" OR "Instagram\*" OR "WhatsApp\*" OR "Reddit\*" OR "Flickr\*" OR "SnapChat\*" OR "Yahoo\*" OR "Bing\*" OR "MSN\*" OR "Wikipedia\*") AND

Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 7 results

Results for: ("digital media" OR "social media" OR "social network\*" OR "telemed\*" OR ehealth\* or mhealth\*) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 11 results

Results for: ("mobile\*" OR "smartphone\*" OR apps OR "e-mail\*" OR "email\*" OR "electronic mail\*" OR "text messag\*" OR multimedia) AND Limit:  
Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 37 results

Results for: ("telephone\*" OR "helpline\*" OR "quitline\*" OR "hotline\*") AND Limit:  
Date = Published from 2006 to 2016  
Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 29 results

It's only possible to download 50 results and a combined search had 63 results so had to do 4 separate searches. Downloaded all of the results and counted as 74 in the flowchart, even though 11 will be duplicates.

Medline

Database name: Medline

Date searched: 22 August 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: Ovid MEDLINE(R) 1946 to August Week 2 2016

No. of results: 282

Database(s): Ovid MEDLINE(R) 1946 to August Week 2 2016

Search Strategy:

#	Searches	Results
1	Smoking Cessation/	23735
2	Electronic Cigarettes/	841
3	"Tobacco Use Cessation Products"/	1201
4	"tobacco use cessation"/	904
5	Smoking/dt, th	2242
6	"Tobacco Use Disorder"/dt, th	2237
7	((quit or quits or quitting or stop or stops or stopping or stopped or stoppage or cease or ceases or ceasing or cessation or cut or cuts or cutting or abstain* or abstinen*) adj3 (smoking or cigar* or cigs or tobacco* or smoker* or bidi or bidis or kretek or hand roll* or handroll*)).ti,ab.	27139
8	(antismok* or anti smok* or anti-smok*).ti,ab.	1685
9	(electronic adj3 cig*).ti,ab.	743
10	(ecig* or e-cig* or e-voke* or vape* or vaping).ti,ab. (nicotine adj3 (replacement or gum* or inhaled or inhaler* or inhalant* or	889
11	inhalator* or spray* or lozenge* or tablet* or transdermal* or patch* or therap* or vaccin* or device* or gel* or pastille*)).ti,ab.	4795
12	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist* or nrt).ti,ab.	5222
13	or/1-12	41681
14	Telemedicine/	14200
15	Telenursing/	158
16	Therapy, Computer-Assisted/	5769
17	User-Computer Interface/	31915

18 Software design/	5424
19 Multimedia/	1661
20 Videotape Recording/	10837
21 Computers, Handheld/	2779
22 Internet/	58741
23 Blogging/	751
24 Social Networking/	1721
25 Social Media/	2944
26 Electronic Mail/	2223
27 Cell Phones/	6437
28 Text Messaging/	1269
29 Smartphone/	452
30 Mobile Applications/	1265
31 ((digital* or digitis* or digitiz* or electronic*) adj3 (intervention* or therap* or treatment* or medicine* or medical* or health* or diagnos* or screening or monitoring or clinical* or communicat* or technol* or media*)) .ti,ab.	28066
32 (telemed* or tele-med* or telehealth* or tele-health* or telecar* or tele-car* or telenurs* or tele-nurs* or telemonitor* or tele-monitor*) .ti,ab.	9490
33 (ehealth* or e-health* or mhealth* or m-health* or mobile health*) .ti,ab.	3125
34 ((laptop or palm or handheld or tablet or pda or pc) adj3 comput*) .ti,ab.	2217
35 ((mobile* or cell* or tablet*) adj (phone* or telephone* or handset* or handset*)) .ti,ab.	5828
36 (smartphone* or smart-phone* or smart telephone* or iphone* or i-phone* or ipad* or i-pad* or blackberry* or smartwatch* or smart-watch* or android or device-based or mobile-based or podcast*) .ti,ab.	5542
37 ((mobile or electronic* or digital*) adj3 (device* or tablet*)) .ti,ab.	6129
38 ((mobile or electronic* or digital* or device* or software*) adj3 application*) .ti,ab.	6534
39 (app or apps or online* or on-line* or internet* or www or web or website* or webpage* or portal or search engine*) .ti,ab.	224380
40 (social media* or social network* or blog*) .ti,ab.	11858
41 (Facebook* or YouTube* or Twitter* or LinkedIn* or Pinterest* or Google* or Tumblr* or Instagram* or WhatsApp* or Reddit* or Flickr* or SnapChat* or Yahoo* or Bing* or MSN* or Wikipedia*) .ti,ab.	21991
42 (e-mail* or email* or electronic mail*) .ti,ab.	9117
43 (text messag* or texting or texter* or texted or SMS or short messag* or multimedia messag* or multi-media messag* or mms or instant messag*) .ti,ab.	8406
44 or/14-43	379835
45 13 and 44	2216
46 Telephone/	10247
47 Hotlines/	2458
48 (helpline* or help line* or quitline* or quit line* or hotline or hot line*) .ti,ab.	2007

49	((telephone or phone) adj3 (line* or counsel* or service* or support* or intervention* or therap* or treatment* or monitoring)).ti,ab.	5003
50	or/46-49	16356
51	13 and 50	1200
52	45 or 51	3150
53	(review* or overview* or over-view*).ti.	313267
54	((systematic* or narrative or integrative or qualitative or quantitative or literature) adj3 (review* or overview* or over-view*)).ab.	180712
55	meta-analysis as topic/	15295
56	meta-analysis.pt.	72282
57	(meta-analytic* or metaanalytic* or metanalysis* or metaanalysis* or meta-analysis* or meta-synthesis* or metasynthesis* or meta-regression* or metaregression* or meta regression*).ti,ab.	73489
58	(medline or pubmed).ab.	98990
59	(systematic* adj2 search*2).ab.	13577
60	or/53-59	528875
61	52 and 60	386
62	limit 61 to english language	371
63	limit 62 to yr="2006-Current"	333
64	remove duplicates from 63	282

#### Medline-in-Process

Database name: Medline in Process

Date searched: 23 August 2016

Searcher: Paul Levay

Database platform: Ovid

Database version: Ovid MEDLINE(R) Epub Ahead of Print August 19, 2016, Ovid

MEDLINE(R) In-Process & Other Non-Indexed Citations August 19, 2016, Ovid

MEDLINE(R) Daily Update August 19, 2016

Database(s): Ovid MEDLINE(R) Epub Ahead of Print August 22, 2016, Ovid MEDLINE(R)

In-Process & Other Non-Indexed Citations August 22, 2016, Ovid MEDLINE(R) Daily

Update August 22, 2016

Search Strategy:

#	Searches	Results	Annotations
1	((quit or quits or quitting or stop or stops or stopping or stopped or stoppage or cease or ceases or ceasing or cessation or cut or cuts or cutting or abstain* or abstinen*) adj3 (smoking or cigar* or cigs or tobacco* or smoker* or bidi or bidis or kretek or hand roll* or handroll*)).ti,ab.	3345	
2	(antismok* or anti smok* or anti-smok*).ti,ab.	173	
3	(electronic adj3 cig*).ti,ab.	393	
4	(ecig* or e-cig* or e-voke* or vape* or vaping).ti,ab.	542	
5	(nicotine adj3 (replacement or gum* or inhaled or inhaler* or inhalant* or inhalator* or spray* or lozenge* or tablet* or	481	

	transdermal* or patch* or therap* or vaccin* or device* or gel* or pastille*).ti,ab.	
6	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist* or nrt).ti,ab.	693
7	or/1-6	4416
8	((digital* or digitis* or digitiz* or electronic*) adj3 (intervention* or therap* or treatment* or medicine* or medical* or health* or diagnos* or screening or monitoring or clinical* or communicat* or technol* or media*).ti,ab.	7141
9	(telemed* or tele-med* or telehealth* or tele-health* or telecar* or tele-car* or telenurs* or tele-nurs* or telemonitor* or tele-monitor*).ti,ab.	1766
10	(ehealth* or e-health* or mhealth* or m-health* or mobile health*).ti,ab.	1329
11	((laptop or palm or handheld or tablet or pda or pc) adj3 comput*).ti,ab.	416
12	((mobile* or cell* or tablet*) adj (phone* or telephone* or handset* or hand-set*).ti,ab.	1654
13	(smartphone* or smart-phone* or smart telephone* or iphone* or i-phone* or ipad* or i-pad* or blackberry* or smartwatch* or smart-watch* or android or device-based or mobile-based or podcast*).ti,ab.	3088
14	((mobile or electronic* or digital*) adj3 (device* or tablet*).ti,ab.	4184
15	((mobile or electronic* or digital* or device* or software*) adj3 application*).ti,ab.	4637
16	(app or apps or online* or on-line* or internet* or www or web or website* or webpage* or portal or search engine*).ti,ab.	47590
17	(social media* or social network* or blog*).ti,ab.	3531
18	(Facebook* or YouTube* or Twitter* or LinkedIn* or Pinterest* or Google* or Tumblr* or Instagram* or WhatsApp* or Reddit* or Flickr* or SnapChat* or Yahoo* or Bing* or MSN* or Wikipedia*).ti,ab.	6315
19	(e-mail* or email* or electronic mail*).ti,ab.	2229
20	(text messag* or texting or texter* or texted or SMS or short messag* or multimedia messag* or multi-media messag* or mms or instant messag*).ti,ab.	1682
21	(helpline* or help line* or quitline* or quit line* or hotline or hot line*).ti,ab.	291
22	((telephone or phone) adj3 (line* or counsel* or service* or support* or intervention* or therap* or treatment* or monitoring)).ti,ab.	746
23	or/8-22	75046
24	7 and 23	629
25	(review* or overview* or over-view*).ti.	61223
26	((systematic* or narrative or integrative or qualitative or quantitative or literature) adj3 (review* or overview* or over-view*).ab.	37332

27 meta-analysis.pt.	343
(meta-analytic* or metaanalytic* or metanalysis* or metaanalysis* or meta-analysis* or meta-synthesis* or metasynthesis* or meta-regression* or metaregression* or meta regression*).ti,ab.	17354
29 (medline or pubmed).ab.	23746
30 (systematic* adj2 search*2).ab.	4057
31 or/25-30	96927
32 24 and 31	78
33 limit 32 to english language	76
34 limit 33 to yr="2006-Current"	76
35 remove duplicates from 34	75

#### NIHR projects

Database name: National Institute for Health Research Journals Library

Date searched: 23 August 2016

Searcher: Paul Levay

Database platform: website

Database version: <http://www.journalslibrary.nihr.ac.uk/>

No. of results: 1

Did a series of simple searches for:

Smoking

Cigarette

Nicotine

Tobacco

Ecigs

Refined the results to Evidence Synthesis

Restricted to 2006-2016

Searched in all fields when searching Public Health Research

Searched in the title field when searching the other journals (EME, HTA, HSDR, PGAR)

One result

PROSPERO

Database name: Prospective Register of Systematic Reviews

Date searched: 24 August 2016

Searcher: Paul Levay

Database platform: website

Database version: <http://www.crd.york.ac.uk/PROSPERO/>

No. of results: 3

#1	MeSH DESCRIPTOR Smoking Cessation EXPLODE ALL TREES	73
#2	MeSH DESCRIPTOR Electronic Cigarettes EXPLODE ALL TREES	6
#3	MeSH DESCRIPTOR Tobacco Use Cessation Products EXPLODE ALL TREES	8
#4	MeSH DESCRIPTOR Tobacco Use Cessation EXPLODE ALL TREES	78
#5	(smoking* or tobacco* or cigarette* or nicotine* or vaping or vape* or ecig*):TI	159
#6	#1 OR #2 OR #3 OR #4 OR #5	162
#7	MeSH DESCRIPTOR Telemedicine EXPLODE ALL TREES	105
#8	MeSH DESCRIPTOR Telenursing EXPLODE ALL TREES	0

#9 MeSH DESCRIPTOR Therapy, Computer-Assisted EXPLODE ALL TREES 21

#10 MeSH DESCRIPTOR User-Computer Interface EXPLODE ALL TREES 6

#11 MeSH DESCRIPTOR Software Design EXPLODE ALL TREES 0

#12 MeSH DESCRIPTOR Multimedia EXPLODE ALL TREES 1

#13 MeSH DESCRIPTOR Videotape Recording EXPLODE ALL TREES 0

#14 MeSH DESCRIPTOR Computers, Handheld EXPLODE ALL TREES 9

#15 MeSH DESCRIPTOR Internet EXPLODE ALL TREES 86

#16 MeSH DESCRIPTOR Blogging EXPLODE ALL TREES 0

#17 MeSH DESCRIPTOR Social Networking EXPLODE ALL TREES 6

#18 MeSH DESCRIPTOR Social Media EXPLODE ALL TREES 18

#19 MeSH DESCRIPTOR Electronic Mail EXPLODE ALL TREES 1

#20 MeSH DESCRIPTOR Cell Phones EXPLODE ALL TREES 33

#21 MeSH DESCRIPTOR Text Messaging EXPLODE ALL TREES 10

#22 MeSH DESCRIPTOR Smartphone EXPLODE ALL TREES 5

#23 MeSH DESCRIPTOR Mobile Applications EXPLODE ALL TREES 14

#24 MeSH DESCRIPTOR Telephone EXPLODE ALL TREES 44

#25 MeSH DESCRIPTOR Hotlines EXPLODE ALL TREES 0

#26 (Facebook\* OR YouTube\* OR Twitter\* OR LinkedIn\* OR Pinterest\* OR Google\* OR Tumblr\* OR Instagram\* OR WhatsApp\* OR Reddit\* OR Flickr\* OR SnapChat\* OR Yahoo\* OR Bing\* OR MSN\* OR Wikipedia\*):TI 7

#27 (digital media OR social media OR social network\* OR telemed\* OR ehealth\* or mhealth\*):TI 62

#28 (mobile\* OR smartphone\* OR apps OR e-mail\* OR email\* OR electronic mail\* OR text messag\* OR multimedia):TI 56

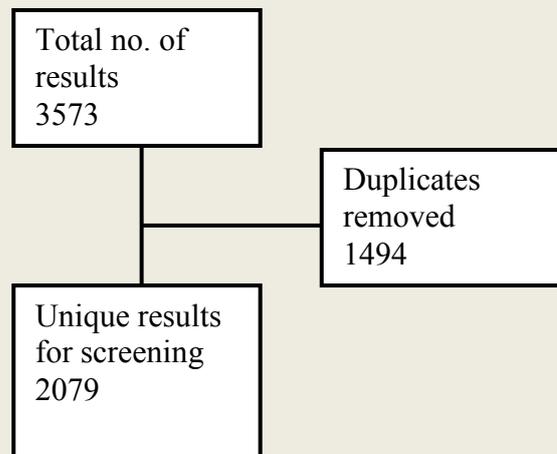
#29 (telephone\* OR helpline\* OR quitline\* OR hotline\*):TI 14

#30 #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 271

#31 #6 AND #30 3

## Step 6 Pharmacotherapy

Source	No. of hits	Total added to EndNote	Duplicates	Total remaining
Campbell	0	3573	1494	2079
DARE	180			
DoPHER	65			
Embase	1657			
HealthEv	471			
Medline	1023			
MIP	170			
NIHR	3			
PROSPERO	4			



### Campbell

Database name: Campbell Collaboration Library

Date searched: 21 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: <https://www.campbellcollaboration.org/library.html>

Database version: n/a

No. of results: 0

Did a series of simple searches for:

Smoking

Cigarette

Nicotine

Tobacco

Ecigs

And browsed the Social Welfare section.

### DARE

Database name: Database of Abstracts of Reviews of Effect

Date searched: 20 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: Wiley

Database version: Issue 2 of 4, April 2015 [no longer being updated]

No. of results: 180

All Results (4135)

- Cochrane Reviews (118)
- All
- Review
- Protocol
- Other Reviews (180)
- Trials (3610)
- Methods Studies (23)
- Technology Assessments (67)
- Economic Evaluations (137)
- Cochrane Groups (0)

DoPHER

Database name: Database of Promoting Health Effectiveness Reviews

Date searched: 21 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: <http://eppi.ioe.ac.uk/webdatabases4/Intro.aspx?ID=9>

Database version: n/a

No. of results: 65

1	Freetext (Title): smoking	294
2	Freetext (Title): tobacco	110
3	Freetext (Title): cigarette*	9
4	1 OR 2 OR 3	391
5	Freetext (All but Authors): Bupropion	20
6	Freetext (All but Authors): Varenicline	10
7	Freetext (All but Authors): ecig*	0
8	Freetext (All but Authors): e-cig*	0
9	Freetext (All but Authors): "e-voke* "	0
10	Freetext (All but Authors): vape*	0
11	Freetext (All but Authors): vaping	0
12	Freetext (All but Authors): "pharmacotherap* "	0
13	Freetext (All but Authors): "drug therap*"	3
14	Freetext (All but Authors): nrt	29
15	5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14	42
16	4 AND 15	35
17	Freetext (Title): nicotine	7
18	Freetext (All but Authors): nicorette*	0
19	Freetext (All but Authors): niquitin*	0
20	Freetext (All but Authors): nicotinell*	0
21	Freetext (All but Authors): "nicassist* "	0
22	17 OR 18 OR 19 OR 20 OR 21	7

23	Freetext (All but Authors): counsel*	10
24	Freetext (All but Authors): "cognitive therapy"	4
25	Freetext (All but Authors): "behavioural therap*"	37
26	Freetext (All but Authors): "behavioral therap*"	25
27	Freetext (All but Authors): "behaviour therap*"	43
28	Freetext (All but Authors): "behavior therap*"	31
29	Freetext (All but Authors): "behavioural support*"	10
30	Freetext (All but Authors): "behavioral support*"	1
31	Freetext (All but Authors): "behaviour support*"	10
32	Freetext (All but Authors): "behavior support*"	1
33	Freetext (Title): advice*	24
34	Freetext (All but Authors): advise*	13
35	Freetext (All but Authors): advisor*	3
36	Freetext (All but Authors): "motivational interview*"	71
37	Freetext (All but Authors): psychotherapy	13
38	23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37	203
39	4 AND 38	40
40	16 OR 22 OR 39	69
41	Freetext (Year): 2006-2016	2339
42	40 AND 41	47

1	Freetext (Title): smoking	294
2	Freetext (Title): tobacco	110
3	Freetext (Title): cigarette*	9
4	1 OR 2 OR 3	391
5	Freetext (All but Authors): helpline*	1
6	Freetext (All but Authors): quitline*	3
7	Freetext (All but Authors): hotline*	1
8	Freetext (All but Authors): telephone*	103
9	5 or 6 or 7 or 8	106
10	4 and 9	26
11	Freetext (Year): 2006-2016	2339
12	10 and 11	18

The search interface is not sophisticated enough to do a complicated search so used some of the main concepts rather than attempting to do a full translation.

Embase

Database name: Embase

Date searched: 21 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: Ovid

Database version: Embase 1974 to 2016 October 20

No. of results: 1657

Database(s): Embase 1974 to 2016 October 20

Search Strategy:

#	Searches	Results
1	smoking cessation/	48504
2	smoking cessation program/	3097
3	exp smoking regulation/	1631
4	bidi smoking/ ((quit or quits or quitting or stop or stops or stopping or stopped or stoppage or cease or ceases or ceasing or cessation or cut or cuts or cutting or abstain* or	107
5	abstinen* or rate* or reduc* or give* up or giving up) adj3 (smoking or cigar* or cigs or tobacco* or smoker* or bidi or bidis or kretek or hand roll* or handroll* or rollup* or roll up*)).ti,ab.	49758
6	(antismok* or anti smok* or anti-smok*).ti,ab.	2191
7	or/1-6	70138
8	nicotine replacement therapy/	4457
9	nicotine gum/	2671
10	nicotine lozenge/	219
11	nicotine patch/	2061
12	Bupropion/	16029
13	Varenicline/	3509
14	drug therapy/ (nicotine adj3 (replacement* or gum* or inhaled or inhaler* or inhalant* or	581491
15	inhalator* or spray* or lozenge* or tablet* or transdermal* or patch* or chew* or therap* or vaccin* or device* or gel* or pastille* or cartridge*)).ti,ab.	6440
16	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist* or nrt or pharmacotherap* or drug therap*).ti,ab.	95281
17	or/8-16	649989
18	7 and 17	12836
19	*tobacco dependence/dt, th	2844
20	exp *smoking/dt, th	383
21	exp *"tobacco use"/th	251
22	or/18-21	13950
23	electronic cigarette/	2134
24	(electronic adj3 cig*).ti,ab.	1241
25	(ecig* or e-cig* or eliquid* or e-liquid* or e-voke* or vape* or vaping).ti,ab.	1598
26	or/23-25	2440
27	26 and 7	1389
28	health behavior/	56289
29	health education/	90425

30 health promotion/	83789
31 health literacy/	5673
32 patient education/	98875
33 patient compliance/	117511
34 behavior therapy/	41131
35 counseling/	71915
36 directive counseling/	712
37 e-counseling/	31
38 family counseling/	6993
39 patient counseling/	37735
40 patient guidance/	1209
41 peer counseling/	479
42 motivational interviewing/	2630
43 self help/	13174
44 psychotherapy/	85867
45 behavior modification/	7410
46 cognitive behavioral therapy/	996
47 cognitive therapy/	42607
48 family therapy/	12690
49 group therapy/	20361
50 Telephone/	43896
51 (health education* or health literacy* or health promotion*).ti,ab.	58027
52 (motivat* adj3 interview*).ti,ab.	4063
((behaviour* or behavior* or cognitive) adj3 (technique* or therap* or chang*	
53 or modify or modifies or modifying or support* or intervention* or session* or	136448
program* or workshop*).ti,ab.	
((minimum* or minimal* or low intensi* or medium intensi* or high* intensi*	
54 or motivational*) adj3 (technique* or therap* or support* or intervention* or	31923
session* or program* or workshop* or meeting*).ti,ab.	
((patient* or smoker*) adj3 (leaflet* or flyer* or information or pamphlet* or	
55 booklet* or poster* or brochure* or newsletter* or article* or factsheet* or	99730
magazine* or literature or display*).ti,ab.	
((patient* or smoker* or group*) adj3 (counsel* or advice* or advise* or	
advisor* or therap* or support* or guide* or guidance* or intervention* or	
56 intervene* or inform* or aware* or educat* or assist* or manage* or session* or	886097
program* or workshop* or meeting* or negotiat* or discuss* or encourag* or	
self-help*).ti,ab.	
((brief or opportunist* or concise or short or direct or lifestyle or written or oral	
or verbal or personali?e* or individuali?e*) adj3 (counsel* or advice* or	
57 advise* or advisor* or therap* or support* or guide* or guidance* or	168703
intervention* or intervene* or inform* or aware* or educat* or assist* or	
manage* or session* or program* or workshop* or meeting* or negotiat* or	
discuss* or encourag*).ti,ab.	

58	((closed group* or open group* or rolling group* or "one to one" or "face to face" or drop-in* or couple* or family or families or telephone* or phone* or adjunct*) adj3 (counsel* or advice* or advise* or advisor* or therap* or support* or guide* or guidance* or intervention* or intervene* or inform* or aware* or educat* or assist* or manage* or session* or program* or workshop* or meeting* or negotiat* or discuss* or encourag*)) .ti,ab.	113173
59	(helpline* or help line* or quitline* or quit line* or hotline* or hot line*).ti,ab.	3063
60	cbt.ti,ab.	10794
61	"stop smoking service".ti,ab.	162
62	or/28-61	1788789
63	7 and 62	27216
64	22 or 27 or 63	34823
65	nonhuman/ not (human/ and nonhuman/)	3683223
66	64 not 65	34519
67	(letter or editorial).pt.	1477563
68	66 not 67	32426
69	Systematic Review/	142357
70	Meta Analysis/	150382
71	(review* or overview* or over-view*).ti.	436106
72	((systematic* or narrative or integrative or qualitative or quantitative or literature) adj3 (review* or overview* or over-view*)).ab.	269172
73	(meta-analytic* or metaanalytic* or metanalysis* or metaanalysis* or meta-analysis* or meta-synthesis* or metasynthesis* or meta-regression* or metaregression* or meta regression*).ti,ab.	118502
74	(medline or pubmed).ab.	150815
75	(systematic* adj2 search*2).ab.	22229
76	or/69-75	777930
77	68 and 76	2581
78	limit 77 to english language	2443
79	limit 78 to yr="2006-Current"	1779
80	remove duplicates from 79	1657
81	(conference abstract or conference paper or conference proceeding or "conference review").pt.	3106762
82	80 and 81	213
83	80 not 82	1444

#### Notes

Removed the term Review/ after testing

Focused the Emtree headings where subheadings were used (lines 19-21) after testing

Conferences will be sifted but lines 82 and 83 downloaded separately so they could be distinguished in EndNote.

#### HealthEvidence

Database name: Health Evidence

Date searched: 21 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: <http://www.healthevidence.org/search.aspx>

Database version: n/a

No. of results: 471

It is only possible to view 50 results at a time so had to run a series of small searches for the main concepts. Not aiming to cover comprehensively all of the terms in the Medline search.

Results for: (Varenicline OR Bupropion) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 22 results

Results for: (nicotine replacement therapy) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 37 results

Results for: (drug therapy) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 37 results

Results for: pharmacotherapy AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 37 results

Results for: (behaviour therapy or behavior therapy) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 50 results

Results for: ((behavioural therapy or behavioral therapy)) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 42 results

Results for: (behavioural support or behavioral support) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 28 results

Results for: vaping AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use

Returned 0 results

Results for: ("electronic cigarettes") AND Limit:

Date = Published from 2006 to 2016  
Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 3 results

Results for: (counseling or counselling) AND Limit:

Date = Published from 2014 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 32 results

Results for: (counseling or counselling) AND Limit:

Date = Published from 2011 to 2013

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 45 results

Results for: (counseling or counselling) AND Limit:

Date = Published from 2006 to 2010

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 43 results

Results for: (motivational interview or motivational interviewing) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 12 results

Results for: (brief advice) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 17 results

Results for: psychotherapy AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 48 results

Results for: cognitive AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 14 results

Results for: (hotline or quitline) AND Limit:

Date = Published from 2006 to 2016

Topic Area = Addiction/Substance Use -> Smoking Cessation/Tobacco Use  
Returned 4 results

Medline

Database name: Medline

Date searched: 20 October 2016

Searcher: Paul Levay

QA: Liz Walton

Database platform: Ovid

Database version: Ovid MEDLINE(R) 1946 to October Week 2 2016

No. of results: 1023

Database(s): Ovid MEDLINE(R) 1946 to October Week 2 2016

Search Strategy:

#	Searches	Results
1	Smoking Cessation/	24074
2	"tobacco use cessation"/	926
3	Smoking/	134476
4	"Tobacco Use Disorder"/	9702
5	((quit or quits or quitting or stop or stops or stopping or stopped or stoppage or cease or ceases or ceasing or cessation or cut or cuts or cutting or abstain* or abstin* or rate* or reduc* or give* up or giving up) adj3 (smoking or cigar* or cigs or tobacco* or smoker* or bidi or bidis or kretek or hand roll* or handroll* or rollup* or roll up*)).ti,ab.	36382
6	(antismok* or anti smok* or anti-smok*).ti,ab.	1699
7	or/1-6	154018
8	"Tobacco Use Cessation Products"/	1265
9	Bupropion/	2729
10	Varenicline/	1025
11	Drug therapy/	29361
12	(nicotine adj3 (replacement* or gum* or inhaled or inhaler* or inhalant* or inhalator* or spray* or lozenge* or tablet* or transdermal* or patch* or chew* or therap* or vaccin* or device* or gel* or pastille* or cartridge*)).ti,ab.	4894
13	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist* or nrt or pharmacotherap* or drug therap*).ti,ab.	60901
14	or/8-13	92104
15	7 and 14	7142
16	Smoking Cessation/dt, th or "tobacco use cessation"/dt, th or Smoking/dt, th or "Tobacco Use Disorder"/dt, th	4275
17	Electronic Cigarettes/	918
18	(electronic adj3 cig*).ti,ab.	788
19	(ecig* or e-cig* or eliquid* or e-liquid* or e-voke* or vape* or vaping).ti,ab.	982
20	or/17-19	1388
21	7 and 20	970
22	Health Behavior/	41183
23	Health education/	56345
24	Health Promotion/	62649
25	health literacy/	2990
26	Patient Education as Topic/	76641
27	Patient Compliance/	51741
28	Behavior Therapy/	25340
29	Counseling/	31627
30	directive counseling/	1904

31 Motivational Interviewing/	855
32 Psychotherapy, Brief/	3131
33 Psychotherapy, Group/	12866
34 exp Cognitive Therapy/	20658
35 family therapy/	8241
36 couples therapy/	509
37 Self-Help Groups/	8359
38 combined modality therapy/	155860
39 Telephone/	10335
40 Hotlines/	2474
41 (health education* or health literacy* or health promotion*).ti,ab.	45379
42 (motivat* adj3 interview*).ti,ab.	2399
((behaviour* or behavior* or cognitive) adj3 (technique* or therap* or chang*	
43 or modify or modifies or modifying or support* or intervention* or session* or	91624
program* or workshop*).ti,ab.	
((minimum* or minimal* or low intensi* or medium intensi* or high* intensi*	
44 or motivational*) adj3 (technique* or therap* or support* or intervention* or	20367
session* or program* or workshop* or meeting*).ti,ab.	
((patient* or smoker*) adj3 (leaflet* or flyer* or information or pamphlet* or	
45 booklet* or poster* or brochure* or newsletter* or article* or factsheet* or	59891
magazine* or literature or display*).ti,ab.	
((patient* or smoker* or group*) adj3 (counsel* or advice* or advise* or	
46 advisor* or therap* or support* or guide* or guidance* or intervention* or	520932
intervene* or inform* or aware* or educat* or assist* or manage* or session* or	
program* or workshop* or meeting* or negotiat* or discuss* or encourag* or	
self-help*).ti,ab.	
((brief or opportunist* or concise or short or direct or lifestyle or written or oral	
47 or verbal or personali?e* or individuali?e*) adj3 (counsel* or advice* or	105513
advise* or advisor* or therap* or support* or guide* or guidance* or	
intervention* or intervene* or inform* or aware* or educat* or assist* or	
manage* or session* or program* or workshop* or meeting* or negotiat* or	
discuss* or encourag*).ti,ab.	
48 (helpline* or help line* or quitline* or quit line* or hotline* or hot line*).ti,ab.	2135
((closed group* or open group* or rolling group* or "one to one" or "face to	
49 face" or drop-in* or couple* or family or families or telephone* or phone* or	79677
adjunct*) adj3 (counsel* or advice* or advise* or advisor* or therap* or	
support* or guide* or guidance* or intervention* or intervene* or inform* or	
aware* or educat* or assist* or manage* or session* or program* or workshop*	
or meeting* or negotiat* or discuss* or encourag*).ti,ab.	
50 "stop smoking service*".ti,ab.	117
51 cbt.ti,ab.	5984
52 or/22-51	1188771
53 7 and 52	29556
54 15 or 16 or 21 or 53	35467
55 animals/ not humans/	4295397

56 54 not 55	35132
57 limit 56 to (letter or historical article or comment or editorial or news)	2570
58 56 not 57	32562
59 (review* or overview* or over-view*).ti.	318729
60 ((systematic* or narrative or integrative or qualitative or quantitative or literature) adj3 (review* or overview* or over-view*)).ab.	184069
61 meta-analysis as topic/	15479
62 meta-analysis.pt.	74327
(meta-analytic* or metaanalytic* or metanalysis* or metaanalysis* or meta-	
63 analysis* or meta-synthesis* or metasynthesis* or meta-regression* or metaregression* or meta regression*).ti,ab.	75684
64 (medline or pubmed).ab.	101587
65 (systematic* adj2 search*2).ab.	14052
66 or/59-65	537922
67 58 and 66	1881
68 limit 67 to english language	1755
69 limit 68 to yr="2006 -Current"	1166
70 remove duplicates from 69	1023

#### Medline-in-Process

Database name: Medline-in-Process

Date searched: 20 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: Ovid

Database version: Ovid MEDLINE(R) Epub Ahead of Print October 19, 2016, Ovid

MEDLINE(R) In-Process & Other Non-Indexed Citations October 19, 2016, Ovid

MEDLINE(R) Daily Update October 19, 2016

No. of results: 170

Database(s): Ovid MEDLINE(R) Epub Ahead of Print October 19, 2016, Ovid

MEDLINE(R) In-Process & Other Non-Indexed Citations October 19, 2016, Ovid

MEDLINE(R) Daily Update October 19, 2016

Search Strategy:

#	Searches	Results
1	((quit or quits or quitting or stop or stops or stopping or stopped or stoppage or cease or ceases or ceasing or cessation or cut or cuts or cutting or abstain* or abstin* or rate* or reduc* or give* up or giving up) adj3 (smoking or cigar* or cigs or tobacco* or smoker* or bidi or bidis or kretek or hand roll* or handroll* or rollup* or roll up*)).ti,ab.	4564
2	(antismok* or anti smok* or anti-smok*).ti,ab.	176
3	1 or 2	4666
4	(nicotine adj3 (replacement* or gum* or inhaled or inhaler* or inhalant* or inhalator* or spray* or lozenge* or tablet* or transdermal* or patch* or chew* or therap* or vaccin* or device* or gel* or pastille* or cartridge*)).ti,ab.	546

5	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist* or nrt or pharmacotherap* or drug therap*).ti,ab.	6728
6	4 or 5	7062
7	3 and 6	645
8	(electronic adj3 cig*).ti,ab.	424
9	(ecig* or e-cig* or eliquid* or e-liquid* or e-voke* or vape* or vaping).ti,ab.	597
10	8 or 9	723
11	3 and 10	276
12	(health education* or health literacy* or health promotion*).ti,ab.	6846
13	(motivat* adj3 interview*).ti,ab.	593
14	((behaviour* or behavior* or cognitive) adj3 (technique* or therap* or chang* or modify or modifies or modifying or support* or intervention* or session* or program* or workshop*).ti,ab.	15972
15	((minimum* or minimal* or low intensi* or medium intensi* or high* intensi* or motivational*) adj3 (technique* or therap* or support* or intervention* or session* or program* or workshop* or meeting*).ti,ab.	3515
16	((patient* or smoker*) adj3 (leaflet* or flyer* or information or pamphlet* or booklet* or poster* or brochure* or newsletter* or article* or factsheet* or magazine* or literature or display*).ti,ab.	8487
17	((patient* or smoker* or group*) adj3 (counsel* or advice* or advise* or advisor* or therap* or support* or guide* or guidance* or intervention* or intervene* or inform* or aware* or educat* or assist* or manage* or session* or program* or workshop* or meeting* or negotiat* or discuss* or encourag* or self-help*).ti,ab.	74697
18	((brief or opportunist* or concise or short or direct or lifestyle or written or oral or verbal or personali?ed or individuali?ed) adj3 (counsel* or advice* or advise* or advisor* or therap* or support* or guide* or guidance* or intervention* or intervene* or inform* or aware* or educat* or assist* or manage* or session* or program* or workshop* or meeting* or negotiat* or discuss* or encourag*).ti,ab.	17021
19	(helpline* or help line* or quitline* or quit line* or hotline* or hot line*).ti,ab.	347
20	((closed group* or open group* or rolling group* or "one to one" or "face to face" or drop-in* or couple* or family or families or telephone* or phone* or adjunct*) adj3 (counsel* or advice* or advise* or advisor* or therap* or support* or guide* or guidance* or intervention* or intervene* or inform* or aware* or educat* or assist* or manage* or session* or program* or workshop* or meeting* or negotiat* or discuss* or encourag*).ti,ab.	11366
21	"stop smoking service".ti,ab.	18
22	cbt.ti,ab.	1377
23	or/12-22	121552
24	3 and 23	1386
25	7 or 11 or 24	1951
26	limit 25 to (letter or historical article or comment or editorial or news)	69
27	25 not 26	1882
28	(review* or overview* or over-view*).ti.	62711

29 ((systematic* or narrative or integrative or qualitative or quantitative or literature) adj3 (review* or overview* or over-view*)).ab.	38252
30 meta-analysis.pt.	238
31 (meta-analytic* or metaanalytic* or metanalysis* or metaanalysis* or meta-analysis* or meta-synthesis* or metasynthesis* or meta-regression* or metaregression* or meta regression*).ti,ab.	17812
32 (medline or pubmed).ab.	24397
33 (systematic* adj2 search*2).ab.	4192
34 or/28-33	99251
35 27 and 34	194
36 limit 35 to english language	185
37 limit 36 to yr="2006-Current"	170
38 remove duplicates from 37	170

#### NIHR

Database name: National Institute for Health Research Journals Library

Date searched: 21 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: <http://www.journalslibrary.nihr.ac.uk>

Database version: n/a

Saved search account: n/a

Saved search name: n/a

Import files: added manually

No. of results: 3

Did a series of simple searches for:

Smoking

Cigarette

Nicotine

nrt

Tobacco

Ecigs

Bupropion

Varenicline

Refined the results to Evidence Synthesis

Restricted to 2006-2016

Searched in all fields when searching Public Health Research

Searched in the title field when searching the other journals (EME, HTA, HSDR, PGAR)

#### PROSPERO

Database name: Prospective Register of Systematic Reviews

Date searched: 21 October 2016

Searcher: Paul Levay

QA: Andrea Heath

Database platform: <http://www.crd.york.ac.uk/PROSPERO/searchadvanced.php>

Database version: n/a

No. of results: 4

Did not attempt a full translation given the search interface. Only 4 of them had been completed or published so only added those as had to manually create the records. Maintained a txt file with the full 94 in case they were needed at a later date.

#1	MeSH DESCRIPTOR bupropion EXPLODE ALL TREES	1	
#2	MeSH DESCRIPTOR Varenicline EXPLODE ALL TREES	0	
#3	MeSH DESCRIPTOR Tobacco Use Cessation Products EXPLODE ALL TREES	8	
#4	MeSH DESCRIPTOR Electronic Cigarettes EXPLODE ALL TREES	6	#5
	#1 OR #2 OR #3 OR #4	9	
#6	MeSH DESCRIPTOR Smoking Cessation EXPLODE ALL TREES	79	#7
	MeSH DESCRIPTOR Tobacco Use Cessation EXPLODE ALL TREES	84	
#8	(smoking* or tobacco* or cigarette*):TI	162	
#9	#6 OR #7 OR #8	166	
#10	(ecig* or e-cig* or eliquid* or e-liquid* or e-voke* or vape* or vaping):ti	3	
#11	(bupropion* or zyban* or varenicline* or champix* or nicorette* or niquitin* or nicotinell* or nicassist* or nrt or pharmacotherap* or drug therap*):ti	27	
#12	MeSH DESCRIPTOR Health Behavior EXPLODE ALL TREES	307	
#13	MeSH DESCRIPTOR Behavior Therapy EXPLODE ALL TREES	270	
#14	MeSH DESCRIPTOR Counseling EXPLODE ALL TREES	56	
#15	MeSH DESCRIPTOR Directive Counseling EXPLODE ALL TREES	10	
#16	MeSH DESCRIPTOR Motivational Interviewing EXPLODE ALL TREES	8	
#17	MeSH DESCRIPTOR Psychotherapy, Brief EXPLODE ALL TREES	2	#18
	MeSH DESCRIPTOR Psychotherapy, Group EXPLODE ALL TREES	13	
#19	MeSH DESCRIPTOR Cognitive Therapy EXPLODE ALL TREES	127	
#20	MeSH DESCRIPTOR Family Therapy EXPLODE ALL TREES	9	#21
	MeSH DESCRIPTOR Self-Help Groups EXPLODE ALL TREES	11	
#22	(health education* or health literacy* or health promotion*):ti	48	
#23	(behaviour* or behavior* or cognitive) and (therapy or support*):ti	232	
#24	counsel*:ti	28	
#25	(advice* or advise* or advisor*):ti	4	
#26	motivational interview*:ti	14	
#27	#10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26	866	
#28	#27 AND #9	93	
#29	#5 OR #28	94	

**A.6 Step 7**

No searches requested

**A.7 Step 8**

No searches requested

**A.8 Step 9**

No searches requested

