

SUPPLEMENTAL MATERIAL

Smoking-Cessation Pharmacotherapy for Patients with Stroke and Transient Ischemic Attack: Systematic Review

Neal S. Parikh, MD, MS; Setareh Salehi Omran, MD; Hooman Kamel, MD; Mitchell S.V. Elkind, MD, MS; Joshua Willey, MD, MS

Table of Contents

Clinicaltrials.gov search strategy	Page 2
Supplemental Table I	Page 3
Supplemental Table II	Page 5

Clinicaltrials.gov search strategy:

“stroke OR transient ischemic attack OR cerebrovascular | Stroke | Varenicline OR chantix OR nicotine OR bupropion OR wellbutrin OR smoking OR cessation | Adult, Older Adult”

Table I. Medline search strategy for pharmacological smoking cessation therapy in patients with stroke and transient ischemic attack

Search Number	Description
1	"smoking cessation"[MeSH Terms]
2	(((((cigarette*[tiab] OR tobacco[tiab] OR smoking[mesh] OR smoking[tiab] OR smoker*[tiab]) AND (cease*[tiab] OR cessation[tiab] OR quit*[tiab] OR stop*[tiab])))
3	(#1 or #2)
4	"bupropion"[MeSH Terms]
5	bupropion[tiab]
6	zyban[tiab]
7	amfebutamone[tiab]
8	varenicline[tiab]
9	chantix[tiab]
10	champix[tiab]
11	((((nicotine[tiab] AND (patch[tiab] OR patches[tiab] OR lozenge[tiab] OR lozenges[tiab] OR inhaler[tiab] OR inhalers[tiab] OR nasal spray[tiab] OR nasal sprays[tiab] OR transdermal system*[tiab] OR gum[tiab] OR polacrilex[tiab] OR replacement[tiab])))
12	nicoderm[tiab]
13	nicorette[tiab]
14	nrt[tiab]
15	habitrol[tiab]
16	pharmacotherap*[tiab]
17	(((((pharmaco[tw] OR pharmacological[tw]) AND (therap*[tw] OR intervention*[tw])))
18	combined modality therapy[MeSH Terms]
19	combined modality therap*[tiab]
20	combination therap*[tiab]
21	combination treat*[tiab]
22	Tobacco use cessation products[mesh]
23	(((((("Electronics"[mesh:noexp] OR "Electrical Equipment and Supplies"[Mesh:noexp] OR "Nebulizers and Vaporizers"[Mesh:NoExp]) AND ("tobacco products"[mesh] OR "tobacco use cessation products"[mesh] OR "tobacco use disorder"[mesh] OR "smoking cessation"[mesh] OR "smoking"[mesh:noexp] OR "nicotine"[mesh] OR "tobacco"[mesh])))
24	((electronic[tiab] AND cig*[tiab]))
25	((e cig*[tiab] OR ecig*[tiab]))
26	vaper*[tiab]
27	vape[tiab]

28	vaping[tiab]
29	((vapor[tiab] OR vapour[tiab]) AND cigarette*[tiab]))
30	electronic smok*[tiab]
31	((nicotine[tiab] AND (inhaler*[tiab] OR inhalator*[tiab])))
32	#4 OR #5 OR #6 ... OR #31
33	(#3 AND #32)
34	"cerebrovascular disorders"[MeSH Terms]
35	cerebrovascular[tiab]
36	"stroke"[MeSH Terms]
37	stroke*[tiab]
38	((brain[tiab] OR cerebral[tiab]) AND (accident*[tiab] OR injur*[tiab]))
39	((brain*[tiab] OR cerebral[tiab] or lacunar[tiab]) AND infarct*[tiab]))
40	ischaem*[tiab]
41	ischem*[tiab]
42	lacun*[tiab]
43	small vessel disease[tiab]
44	cerebral small vessel disease*[tiab]
45	intracranial hemorrhage*[tiab]
46	intracerebral hemorrhage*[tiab]
47	ich[tiab]
48	subarachnoid hemorrhage[tiab]
49	sah[tiab]
50	reversible cerebral vasoconstriction syndrome[tiab]
51	rcvs[tiab]
52	cerebral angiopathy[tiab]
53	tia[tiab]
54	transient ischem*[tiab]
55	transient ischaem*[tiab]
56	#34 OR #35 OR ... OR #55
57	#33 AND #56

Table II. Cochrane Database search strategy for pharmacological smoking cessation therapy in patients with stroke and transient ischemic attack

ID	Search
#1	MeSH descriptor: [Smoking Cessation] explode all trees
#2	(cigarette* or tobacco or smoking or smoker*):ti,ab,kw and (cease* or cessation or quit* or stop*):ti,ab,kw in Trials (Word variations have been searched)
#3	#1 or #2
#4	MeSH descriptor: [Bupropion] explode all trees
#5	MeSH descriptor: [Varenicline] explode all trees
#6	MeSH descriptor: [Tobacco Use Cessation Products] explode all trees
#7	zyban:ti,ab,kw in Trials
#8	bupropion:ti,ab,kw in Trials
#9	varenicline:ti,ab,kw in Trials
#10	chamfix:ti,ab,kw in Trials
#11	chantix:ti,ab,kw in Trials
#12	(nicotine and (patch or patches or lozenge or lozenges or inhaler or inhalers or "nasal spray" or "nasal sprays" or transdermal next system* or gum or polacrilex or replacement)):ti,ab,kw in Trials (Word variations have been searched)
#13	nicoderm:ti,ab,kw in Trials
#14	nicorette:ti,ab,kw in Trials
#15	habitrol:ti,ab,kw in Trials
#16	nrt:ti,ab,kw in Trials
#17	#4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 in Trials
#18	#3 and #17 in Trials
#19	MeSH descriptor: [Cerebrovascular Disorders] explode all trees
#20	MeSH descriptor: [Stroke] explode all trees
#21	cerebrovascular:ti,ab,kw in Trials
#22	stroke:ti,ab,kw in Trials
#23	strokes:ti,ab,kw in Trials
#24	isch*m*:ti,ab,kw in Trials
#25	((brain* or cerebral) and (accident* or infarct*)):ti,ab,kw in Trials
#26	((brain* or cerebral or lacunar) and infarct*):ti,ab,kw in Trials
#27	lacun*:ti,ab,kw in Trials
#28	small vessel disease:ti,ab,kw in Trials
#29	cerebral small vessel disease*:ti,ab,kw in Trials
#30	intracranial hemorrhage*:ti,ab,kw in Trials (Word variations have been searched)
#31	intracerebral hemorrhage*:ti,ab,kw in Trials (Word variations have been searched)
#32	ich:ti,ab,kw in Trials
#33	subarachnoid hemorrhage:ti,ab,kw in Trials
#34	sah:ti,ab,kw in Trials
#35	reversible cerebral vasoconstriction syndrome:ti,ab,kw in Trials
#36	rcvs:ti,ab,kw in Trials

#37	cerebral angiopathy:ti,ab,kw in Trials
#38	tia:ti,ab,kw
#39	transient ischemic attack:ti,ab,kw
#40	transient ischaemic attack:ti,ab,kw
#41	#19 or #20 or #21 or #22 or #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 or #38 or #39 or #40
#42	#18 and #41 in Trials