

Appendix A. Search Strategy

smoking OR “tobacco use disorders” OR smoking cessation OR smoker* OR nonsmoker* OR cigarette*

spinal cord stimulation/ or electric stimulation therapies/ or electrostimulat* OR neurostimulat* OR neuromodulat* OR scs OR ((neural OR neuron OR neuro*) adj3 (stimulat*))
 fibromyalgia/ or pain, chronic/ or ex headache disorders/ or ex backache/ or low back pain/ OR ((head* or migraine* or neck or back or spine or spinal or vertebra* or cervical or thorac* or Lumbar* or lumbo*) AND pain* or arthralg* or ache*) or backache*)

chronic spinal pain (neck vs. thoracic, vs. lumbar spine), ischemic pain related to peripheral vascular disease, neuropathic pain, complex regional pain syndrome (CRPS), abdominal pain, chest pain, and pelvic pain + (epidemiology or prevalence or incidence)

PubMed

(smoker* or smoking*) AND (electric stimulation OR spinal cord stimulat* OR neuromodulat* OR scs) limit to 1980-2018 = 391

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to December 26, 2018>

Search history sorted by search number ascending

#	Searches	Results	Type
1	Spinal Cord Stimulation/ or Electric Stimulation/ or Electric Stimulation Therapy/	130908	Advanced
2	(electrostimulat* or ((spinal or electr*) adj3 stimulat*) or neurostimul* or neuromodulat* or scs or ((neural or neuro*) adj3 stimulat*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	198203	Advanced
3	1 or 2	198203	Advanced
4	exp CIGAR SMOKING/ or exp SMOKING CESSATION/ or exp SMOKING DEVICES/ or exp SMOKING/ or exp PIPE SMOKING/ or exp MARIJUANA SMOKING/ or exp CIGARETTE	154038	Advanced

SMOKING/ or exp SMOKING, NON-TOBACCO PRODUCTS/ or exp TOBACCO SMOKING/

5	exp "Tobacco Use Disorder"/	10499	Advanced
6	(smoking* or smoker* or nonsmoker* or cigarette*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	289188	Advanced
7	4 or 5 or 6	292494	Advanced
8	3 and 7	429	Advanced
9	fibromyalgia/ or pain, chronic/ or exp headache disorders/ or exp backache/	84530	Advanced
10	((head* or migraine* or neck* or back or spine or spinal or vertebra* or cervical or thorac* or lumbar* or lumbo*) and (pain* or arthral* or ache*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	187905	Advanced
11	(9 or 10) and 7	2598	Advanced
12	(fibromyalgia/th, rh or pain, chronic/th, rh or exp headache disorders/th, rh or exp backache/th, rh) and 11	100	Advanced
13	3 and 11	24	Advanced
14	8 or 12 or 13	524	

limit to humans, 1980-2018= 384

CENTRAL – 95

Embase <1988 to 2018 Week 52>

Search history sorted by search number ascending

#	Searches	Results	Type
1	exp smoking/ or exp "smoking and smoking related phenomena"/	344000	Advanced
2	(smoker* or nonsmoker*).mp. or 1 [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	365822	Advanced
3	exp nerve stimulation/	115729	Advanced
4	2 and 3	532	Advanced
5	limit 4 to human	468	Advanced
6	exp backache/	93469	Advanced
7	exp backache/th, pc and 2	34	Advanced
8	limit 7 to human	31	Advanced
9	5 or 8	499	

Scopus

(TITLE-ABS-

KEY ((smoking* OR tobacco OR cigarette* OR nicotine OR smoker*) AND ((nerve OR neural OR neuro* OR pain*)

W/3 (stimulat*))) AND (adults OR men OR women OR human* OR patient* OR smoker*) AND

NOT (mice OR mouse OR rat OR rats) 345