

Appendix A, Keyword Search StrategyOvid

Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials October 2020, EBM Reviews - Cochrane Database of Systematic Reviews 2005 to November 04, 2020, Embase 1974 to 2020 November 05, Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily 1946 to November 05, 2020

Search Strategy:

#	Searches	Results
1	exp *Infections/dh, dt, pc, rt, su, th, ep	820469
2	exp *infection/dm, dt, pc, rt, su, th, ep	868310
3	(infection* or infectious or infective or "Methicillin-resistant Staphylococcus aureus" or "methicillin-susceptible Staphylococcus aureus" or MRSA or MSSA or "postop fever*" or "post-op fever*" or "postoperative fever*" or "post-operative fever*").ti.	1150608
4	exp *Anesthesia, Epidural/ae or exp *Injections, Epidural/ae or exp *Anesthesia, Spinal/ae	5313
5	*Electric Stimulation/ae	403
6	*nerve stimulator/ae or exp *peripheral nerve stimulator/ae	0
7	exp *Analgesia, Patient-Controlled/ae	265
8	*Electric Stimulation Therapy/ae	400
9	*spinal cord stimulation/ae	64
10	exp *Infusion Pumps, Implantable/ae	249
11	exp *Anesthesia, Conduction/ae	7147
12	exp *Electrocoagulation/ae	901
13	exp *Nerve Block/ae	1970
14	exp *Kyphoplasty/ae	136
15	exp *Vertebroplasty/ae	424
16	exp *Pain/dt, rt, su [Drug Therapy, Radiotherapy, Surgery]	167814
17	((("Radiofrequency ablation" adj3 (facet or sacroiliac or knee* or hip or hips or shoulder)) or (("chronic pain" or neuraxial or "interventional pain") adj3 (injection* or procedure* or treatment* or therap*))) or (("chronic pain" or neuraxial) adj3 (injection* or procedure* or treatment* or therap*)) or (("spinal cord" or "peripheral nerve*" or "intrathecal drug*" or "dorsal root ganglion" or intrathecal or baclofen) adj3 revision) or (("spinal cord" or spinal or epidural or "dorsal root ganglion" or electric or electro or wire or wires or "peripheral nerve*" or galvano or Transcutaneous* or "dorsal column" or tonic or burst or "high-frequency") adj3 stimulat*) or (("trigger point*" or steroid* or corticosteroid* or "Intervertebral disc*" or "Intervertebral disk*" or joint* or facet or "medial branch" or sacroiliac or knee* or hip or hips or shoulder or "peripheral nerve*" or "celiac plexus" or "stellate ganglion" or "lumbar sympathetic" or "lateral branch" or paravertebral or sympathetic) adj3 (injection* or block or blocks)) or ((epidural or	584108

spinal) adj3 (anesthesia or anesthetic* or analgesia or analgesic or injection*)) or ((regional or conduction) adj3 (anesthesia or anesthetic* or analgesia or analgesic)) or (pain* adj3 (procedure* or surg* or resect* or operat* or injection*)) or "baclofen pump*" or electrocautery or electrocoagulation or electrostimulat* or electrotherap* or "E-stim" or ESTIM or galvanostimulat* or "implantable infusion device*" or "implantable infusion pump*" or "implantable pain device*" or "implantable perfusion device*" or "implantable perfusion pump*" or "implantable peristaltic device*" or "implantable peristaltic pump*" or "implanted pain device*" or "implanted pain pump*" or intradiscal or "intrathecal device*" or "intrathecal drug delivery" or "intrathecal pump*" or kyphoplast* or "neuraxial catheter*" or neuromodulat* or neurostimulat* or "patient controlled anaesthesia*" or "patient controlled analgesia*" or "patient controlled anesthesia*" or "PCA pump*" or "staged dorsal root ganglion trial*" or stimulator* or "tunneled neuraxial catheter*" or vertebroplast*).ti,ab.		
18 or/4-17		731813
19 exp *Incidence/		33895
20 exp *Risk Factors/		86034
21 exp *Infection Control/		75822
22 exp *Anti-Bacterial Agents/		1933199
23 exp *Anti-Infective Agents/		2518082
24 exp *Equipment Contamination/pc		2853
25 exp *Sterilization/		28182
26 exp *C-Reactive Protein/		42113
27 exp *Electron Spin Resonance Spectroscopy/		12303
28 exp *Hand Disinfection/ or exp *Hand Hygiene/		8999
29 exp *Surgical Drapes/		228
30 exp *Hair Removal/		1608
31 exp *Antibiotic Prophylaxis/		17061
32 exp *Therapeutic Irrigation/		30711
33 ((safe adj4 practice*) or antibacterial* or "anti-bacterial*" or "antibiotic prophylaxis" or antibiotic* or "anti-infective*" or "anti-sepsis" or Antisepsis or antiseptic* or "anti-septic*" or asepsis or aseptic or "catheter technique*" or "c-reactive protein*" or CRP or culture or cultures or "dead space closure" or "double gloving" or "electron spin resonance" or ESR or fever or "hair removal" or "Hand Disinfection" or "hand hygiene" or incidence or "infection control" or "inflammatory marker*" or "laboratory work up*" or manag* or "multidose vial" or prevent* or rate or rates or risk or risks or sterile or Steriliz* or "surgical drapes" or "Therapeutic Irrigation" or "vancomycin powder" or "wound culture technique" or "wound irrigation").ti,ab.		19139981
34 or/19-33		20714164
35 ((1 or 2) and 18) or (3 and 18 and 34)		7543
36 limit 35 to yr="1990 -Current"		6946

	limit 36 to (letter or conference abstract or editorial or erratum or note or addresses or autobiography or bibliography or biography or blogs or comment or dictionary or directory or interactive tutorial or interview or lectures or legal cases or legislation or news or newspaper article or overall or patient education handout or periodical index or portraits or published erratum or video-audio media or webcasts) [Limit not valid in CCTR,CDSR,Embase,Ovid MEDLINE(R),Ovid MEDLINE(R) Daily Update,Ovid MEDLINE(R) In-Process,Ovid MEDLINE(R) Publisher; records were retained]	715
37		
38	from 37 keep 1	1
39	(36 not 37) or 38	6232
	((meta adj analys*) or metaanalys* or (systematic* adj3 review*) or (control* adj3 study) or (control* adj3 trial) or (randomized adj3 study) or (randomized adj3 trial) or (randomised adj3 study) or (randomised adj3 trial) or "pragmatic clinical trial" or (random* adj1 allocat*) or (doubl* adj blind*) or (doubl* adj mask*) or (singl* adj blind*) or (singl* adj mask*) or (tripl* adj blind*) or (tripl* adj mask*) or (trebl* adj blind*) or (trebl* adj mask*) or placebo* or nocebo* or random* or "clinical study" or "clinical trial" or ("phase 0" or "phase 1" or "phase I" or "phase 2" or "phase II" or "phase 3" or "phase III" or "phase 4" or "phase IV") adj5 (trial or study)) or trial or review or book or document).mp.pt.	21678061
40		
41	39 and 40	3315
42	remove duplicates from 41	2734

ClinicalTrials.Gov

Title

infection OR infectious OR infective OR "Methicillin-resistant Staphylococcus aureus" OR "methicillin-susceptible Staphylococcus aureus" OR MRSA OR MSSA OR "postop fever" OR "post-op fever" OR "postoperative fever" OR "post-operative fever"

Other terms

analgesia OR analgesic OR anesthesia OR anesthetic* OR block OR electrocautery OR electrocoagulation OR electrostimulation OR electrotherapy OR "E-stim" OR ESTIM OR galvanostimulation OR "infusion device" OR injection OR intradiscal OR intrathecal

Status

Completed

First Posted

01/01/1990 To 11/06/2020

Title

infection OR infectious OR infective OR "Methicillin-resistant Staphylococcus aureus" OR "methicillin-susceptible Staphylococcus aureus" OR MRSA OR MSSA OR "postop fever" OR "post-op fever" OR "postoperative fever" OR "post-operative fever"

Other terms

Status

Completed

kyphoplasty OR neuraxial OR neuromodulation OR neurostimulation OR pain OR "perfusion device" OR "peristaltic device" OR pump OR "Radiofrequency ablation" OR stimulation OR stimulator OR vertebroplasty

First Posted

01/01/1990 To 11/06/2020
