

## **Appendix A**

### **EBM Reviews Search Strategy**

1. exp Analgesia/
2. Analgesia.kw.
3. exp Analgesics/ad [Administration & Dosage]
4. Analgesics.kw.
5. Anesthetics, Local/tu [Therapeutic Use]
6. Patient controlled analgesia.kw.
7. Pain, Postoperative/
8. Pain.mp.
9. postoperative pain management.kw.
10. postoperative pain.mp.
11. or/1-10
12. exp Arthroplasty, Replacement, Knee/ (3048)
13. Knee replacement arthroplasty.mp.
14. total knee arthroplasty.mp.
15. Total knee.mp.
16. (TKA adj10 Total Knee Arth\*).mp.
17. (Knee or Total Knee).kw.
18. Knee/su [Surgery]
19. Knee Surgery.mp.
20. Nerve Block/mt [Methods]
21. or/12-20
22. 11 and 21
23. (continuous adj8 adductor canal block\*).mp.
24. Continuous peripheral techniques.mp.
25. continuous adductor canal block\*.mp.
26. Continuous ACB.mp.
27. Adductor canal block\*.mp.
28. (ACB\* adj10 Adductor canal block\*).mp.
29. (single shot adj10 adductor canal).mp.
30. (single dose adj10 adductor canal).mp.
31. (Catheter\* adj10 adductor canal).mp.
32. or/23-31
33. 22 and 32
34. 21 and 32
35. 33 or 34
36. remove duplicates from 35

MEDLINE Search Strategy

1. exp Analgesia/
2. Analgesia.kw.
3. exp Analgesics/ad [Administration & Dosage]
4. Analgesics.kw.
5. Anesthetics, Local/tu [Therapeutic Use]
6. Patient controlled analgesia.kw.
7. Pain, Postoperative/
8. Pain.mp.
9. postoperative pain management.kw.
10. postoperative pain.mp.
11. or/1-10
12. exp Arthroplasty, Replacement, Knee/
13. Knee replacement arthroplasty.mp.
14. total knee arthroplasty.mp.
15. Total knee.mp.
16. (TKA adj10 Total Knee Arth\*).mp.
17. (Knee or Total Knee).kw.
18. Knee/su [Surgery]
19. Knee Surgery.mp.
20. Nerve Block/mt [Methods]
21. or/12-20
22. 11 and 21
23. (continuous adj8 adductor canal block\*).mp.
24. Continuous peripheral techniques.kw.
25. continuous adductor canal block\*.mp.
26. Continuous ACB.kw.
27. Adductor canal block\*.mp.
28. (ACB\* adj10 Adductor canal block\*).mp.
29. (single shot adj10 adductor canal).mp.
30. (single dose adj10 adductor canal).mp.
31. (Catheter\* adj10 adductor canal).mp.
32. or/23-31
33. 22 and 32
34. 21 and 32
35. 33 or 34 (387)
36. remove duplicates from 35

*EMBASE Search Strategy*

1. 'analgesia'/exp/mj
2. 'analgesia':ti,ab,kw
3. 'analgesic agent'/exp/mj
4. 'analgesic agent'/exp/mj OR 'analgesic agent'
5. 'local anesthetic agent'/exp/mj
6. 'patient controlled analgesia':ab,kw
7. 'postoperative pain'/exp/mj
8. 'pain':kw,ab,ti
9. postoperative AND pain AND management:kw
10. 'postoperative pain':ab
11. #1OR#2OR#3OR#4OR#5OR#6OR#7OR#8OR#9OR#10
12. 'knee arthroplasty'/exp
13. Knee AND replacement AND arthroplasty:kw,ab
14. 'total knee arthroplasty':ab,kw
15. Total AND knee:ab,ta,kw
16. (tka NEAR/10 total) AND knee AND arth\*:ab,kw,ti
17. (knee OR total) AND knee AND arth\*:kw
18. 'knee surgery'/mj
19. 'knee surgery':kw
20. 'nerve block'/exp
21. #12OR#13OR#14OR#15OR#16OR#17OR#18OR#19OR#20
22. #11 AND #21
23. (continuous NEAR/8 adductor) AND canal AND block\*:kw,ab,ti
24. continuous AND peripheral AND techniques:kw
25. continuous AND adductor AND canal AND block\*:ab,kw
26. continuous AND acb:kw
27. adductor AND canal AND block\*:ab,kw,ti
28. (acb NEAR/10 adductor) AND canal AND block\*:kw,ab,ti
29. single AND (shot NEAR/10 adductor) AND canal:kw,ab,ti
30. single AND (dose NEAR/10 adductor) AND canal:kw,ab,ti
31. catheter AND (shot NEAR/10 adductor) AND canal:kw,ab,ti
32. (catheter NEAR/10 adductor) AND canal:kw,ab,ti
33. #23OR#24OR#25OR#26OR#27OR#28OR#29OR#30OR#31OR#32
34. #22 AND #33
35. #21 AND #34
36. #33 OR #35