**Appendix A**: Search Strategies

**EBM Reviews**

1 Brachial Plexus Block/ (1)

2 Nerve Block/ (2422)

3 peripheral nerve block\*.mp. (287)

4 1or2or3(2604)

5 dexmedetomidine.mp. or Dexmedetomidine/ (996)

6 4and5(26)

7 nerve block.mp. (4220)

8 ((or/1-4) or 7) and 5 (62)

9 from 6 keep 1 (1)

10 exp Analgesia/ or analgesia.mp. (22044)

11 8 and 10 (43)

12 dex?medetomidine.mp. (996)

13 dexdomitor.mp. (0)

14 dexdor.mp. (2)

15 mpv1440.mp. (0)

16 mpv 1440.mp. (1)

17 precedex.mp. (8)

18 5or12or13or14or15or16or17(997)

19 ((or/1-4) or 7) and 18 (62)

20 remove duplicates from 19 (62)

**EMBASE**

1 Brachial Plexus Block/ (2696)

2 Nerve Block/ (22872)

3 peripheral nerve block\*.mp. (2419)

4 1or2or3(25168)

5 dexmedetomidine.mp. or Dexmedetomidine/ (5690)

6 4 and 5 (240)

7 nerve block.mp. (25734)

8 ((or/1-4) or 7) and 5 (254)

9 from 6 keep 1 (1)

10 exp Analgesia/ or analgesia.mp. (149178)

11 8 and 10 (155)

12 dex?medetomidine.mp. (5693)

13 dexdomitor.mp. (26)

14 dexdor.mp. (12)

15 mpv1440.mp. (0)

16 mpv 1440.mp. (4)

17 precedex.mp. (325)

18 5or12or13or14or15or16or17(5695)

19 ((or/1-4) or 7) and 18 (254)

20 remove duplicates from 19 (246)

**MEDLINE**

1 Brachial Plexus Block/ (35)

2 Nerve Block/ (14453)

3 peripheral nerve block\*.mp. (1321)

4 1or2or3(14947)

5 dexmedetomidine.mp. or Dexmedetomidine/ (2887)

6 4and5(66)

7 nerve block.mp. (19139)

8 ((or/1-4) or 7) and 5 (76)

9 from 6 keep 1 (1)

10 exp Analgesia/ or analgesia.mp. (69333)

11 8 and 10 (35)

12 dex?medetomidine.mp. (2890)

13 dexdomitor.mp. (0)

14 dexdor.mp. (3)

15 mpv1440.mp. (0)

16 mpv 1440.mp. (2)

17 precedex.mp. (24)

18 5or12or13or14or15or16or17(2894)

19 ((or/1-4) or 7) and 18 (76)

20 remove duplicates from 19 (74)