

Supplementary search strategy for major databases (December, 2017)

Search strategy for Pubmed (279)

1. "Intensive Care Units"[Mesh]
2. "Critical Care"[Mesh]
3. "Critical Illness"[Mesh]
4. "Postoperative Care"[Mesh]
5. "Cardiac Care Facilities"[Mesh]
6. "Coronary Care Units"[Mesh]
7. (intensive care unit* OR intensive care OR critical care OR critical illness OR postoperative care OR cardiac care facility* OR ICU OR CCU OR coronary care OR recovery room OR burn unit OR critically ill OR cardiac care OR cardiac care unit*) [Title]
8. 1-7/OR
9. "Blood Glucose"[Mesh]
10. "Hypoglycemic Agents"[Mesh]
11. "Insulin"[Mesh]
12. (blood glucose OR insulin OR intensive insulin OR glycemic control) [Title]
13. 9-12/OR
14. randomized controlled trial[Publication Type]
15. controlled clinical trial[Publication Type]
16. (randomized OR randomised OR placebo OR randomly OR trial) [Title]
17. 14-16/OR
18. 8 AND 13 AND 17

Search strategy for Embase (3619)

1. 'intensive care unit'/exp
2. 'intensive care'/exp
3. 'critical illness'/exp
4. 'postoperative care'/exp
5. 'heart center'/exp
6. 'coronary care unit'/exp
7. (ICU OR 'intensive care unit' OR 'intensive care' OR 'critical care' OR 'critical illness' OR 'postoperative care' OR 'cardiac care facility*' OR 'coronary care' OR 'recovery room' OR 'burn unit' OR 'critically ill' OR 'cardiac care' OR 'cardiac care unit' OR CCU): ti
8. 1-7/OR
9. (insulin OR 'blood glucose' OR 'intensive insulin' OR 'glycemic control'):ti
10. 'glucose blood level'/exp
11. 'antidiabetic agent'/exp
12. 'insulin'/exp
13. 9-12/OR
14. 'randomized controlled trial'/exp
15. 'controlled clinical trial'/exp
16. (randomized OR randomised OR placebo OR randomly OR trial):ti
17. 14-16/OR
18. 8 AND 13 AND 17

Search strategy for the Cochrane Library (349)

1. MeSH descriptor: [Intensive Care Units] explode all trees
2. MeSH descriptor: [Critical Care] explode all trees
3. MeSH descriptor: [Critical Illness] explode all trees
4. MeSH descriptor: [Postoperative Care] explode all trees
5. MeSH descriptor: [Cardiac Care Facilities] explode all trees
6. MeSH descriptor: [Coronary Care Units] explode all trees
7. (ICU OR 'intensive care unit' OR 'intensive care' OR 'critical care' OR 'critical illness'
OR 'postoperative care' OR 'cardiac care facility*' OR 'coronary care' OR 'recovery
room' OR 'burn unit' OR 'critically ill' OR 'cardiac care' OR 'cardiac care unit' OR
CCU):ti (Word variations have been searched)
8. #1 or #2 or #3 or #4 or #5 or #6 or #7
9. MeSH descriptor: [Blood Glucose] explode all trees
10. MeSH descriptor: [Hypoglycemic Agents] explode all trees
11. MeSH descriptor: [Insulin] explode all trees
12. (insulin OR 'blood glucose' OR 'intensive insulin' OR 'glycemic control'):ti (Word
variations have been searched)
13. #9 or #10 or #11 or #12
14. randomized controlled trial:pt (Word variations have been searched)
15. controlled clinical trial:pt (Word variations have been searched)
16. (randomized or randomised or placebo or randomly or trial):ti (Word variations
have been searched)
17. #14 or #15 or #16
18. #8 and #13 and #17