Supplemental Table 1. Search Strategy

**MEDLINE**

#1. randomized controlled trial [pt]

#2. controlled clinical trial [pt]

#3. randomized [tiab]

#4. placebo [tiab]

#5. drug therapy [sh]

#6. randomly [tiab]

#7. trial [tiab]

#8. groups [tiab]

#9. #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8

#10. animals [mh] NOT humans [mh]

#11. #9 NOT #10

#12. surgery[MeSH]

#13. surgery[Text word]

#14. surgical procedures[MeSH]

#15. operative[Text word]

#16. operation[Text word]

#17. intraoperative[Text word]

#18. perioperative[Text word]

#19. #12 or #13 or #14 or #15 or #16 or #17 or #18

#20. amino acids[MeSH]

#21. amino acids[Text word]

#22. amino [Text word]

#23. #20 or #21 or #22

#24. hypothermia[MeSH]

#25. hypothermia[Text word]

#26. hypothermic[Text word]

#27. temperature[MeSH]

#28. temperature[Text word]

#29. Cold temperature[MeSH]

#30. Cold temperature[Text word]

#31. warming[Text word]

#32. body temperature[MeSH]

#33. body temperature[Text word]

#34. #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33

#35. #11 and #19 and #23 and #33

**CENTRAL**

#1 MeSH descriptor: [General Surgery] explode all trees

#2 MeSH descriptor: [Surgical Procedures, Operative] explode all trees

#3 MeSH descriptor: [Perioperative Care] explode all trees

#4 MeSH descriptor: [Perioperative Period] explode all trees

#5 (#1 OR #2 OR #3 OR #4)

#6 MeSH descriptor: [Amino Acids] explode all trees

#7 MeSH descriptor: [Hypothermia] explode all trees

#8 MeSH descriptor: [Temperature] explode all trees

#9 MeSH descriptor: [Body Temperature] explode all trees

#10 MeSH descriptor: [Cold Temperature] explode all trees

#11 (#7 OR #8 OR #9 OR #10)

#12 (#5 AND #6 AND #11)

#13 #12 AND in Trials

**Japana Centra Revuo Medicina**

#1. (‘Amino acids’/TH or アミノ酸/AL)

#2. (外科手術/TH or 手術/AL)

#3. 術中/AL

#4. (周術期/TH or 周術期/AL)

#5. #2 or #3 or #4

#6. (体温/TH or 体温/AL)

#7. (低体温症/TH or 低体温/AL)

#8. (温度/TH or 温度/AL)

#9. (復温/TH or 復温/AL)

#10. #6 or #7 or #8 or #9

#11. #1 and #5 and #10

#12. (#11) and (RD=ランダム化比較試験, 準ランダム化比較試験)