

Appendix I: Search Strategy

Database: Ovid MEDLINE(R) ALL <1946 to January 21, 2019>

Search Strategy:

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- 1 *blood transfusion/ or blood component transfusion/ or erythrocyte transfusion/ (36153)
 - 2 ((red blood cell\$ or rbc or erythrocyte\$ or red cell\$) adj3 (transfus\$ or infus* or retransfus*)).tw. (10506)
 - 3 (blood adj4 transfus*).tw. (54555) - I expanded this
 - 4 RBCT.tw,kw. (95)
 - 5 (RBC transfusion or red blood cell transfusion).kw. (110)
 - 6 (hemotransfus\$ or haemotransfus\$).tw,kw. (234)
 - 7 or/1-6 (78107)
 - 8 INTRAOPERATIVE COMPLICATIONS/ or INTRAOPERATIVE CARE/ or INTRAOPERATIVE PERIOD/
or Perioperative Care/ (69769)
 - 9 (intraoperat* or intra-operat* or perioperat* or peri-operat*).tw,kw. (205937)
 - 10 (surg* or operat*).ti. (708792) - added this line
 - 11 (transfus* adj5 (operat* or surg*)).tw. (8642)
 - 12 ((undergoing or during) adj4 (surg* or operat*)).tw. (180983) - expanded this line by taking out
'transfus*'
 - 13 or/8-12 (968870)
 - 14 7 and 13 (18339)
 - 15 exp clinical pathway/ (6046)
 - 16 clinical protocol/ (25911)
 - 17 exp consensus/ (9313)
 - 18 exp consensus development conference/ (11078)
 - 19 exp consensus development conferences as topic/ (2618)
 - 20 guidelines as topic/ (37008)
 - 21 exp practice guideline/ (24266)
 - 22 practice guidelines as topic/ (105996)
 - 23 health planning guidelines/ (4007)
 - 24 (guideline or practice guideline or consensus development conference or consensus development
conference, NIH).pt. (39641)
 - 25 (standards or guideline or guidelines).ti,kf,kw. (96689)
 - 26 ((practice or treatment* or clinical) adj guideline*).ab. (33765)
 - 27 (CPG or CPGs).ti. (5320)
 - 28 consensus*.ti,kf,kw. (22038)
 - 29 ((critical or clinical or practice) adj2 (path or paths or pathway or pathways or protocol*)).ti,ab,kf,kw.
(17432)
 - 30 recommendat*.ti,kf,kw. (35650)
 - 31 or/15-30 (334141)
 - 32 14 and 31 (550)
 - 33 (rbc transfusion* or red blood cell* transfusion*).ti. (1054)
 - 34 (transfus* and (intraoperat* or intra-operat* or perioperat* or peri-operat*)).ti. (1014)
 - 35 33 or 34 (1999)
 - 36 (guideline or practice guideline or consensus development conference or consensus development
conference, NIH).pt. (39641)
 - 37 (standards or guideline or guidelines).ti,kf,kw. (96689)
 - 38 36 or 37 (122196)
 - 39 35 and 38 (61)
 - 40 32 or 39 (578)
 - 41 animals/ not humans/ (4465996)
 - 42 40 not 41 (577)
 - 43 (exp infants/ or child/) not adult/ (1517431)
 - 44 42 not 43 (546)