**Supplemental Digital Content 2:** Search strategy

Embase Classic+Embase <1947 to 2021 May 24>

Ovid MEDLINE(R) ALL <1946 to May 24, 2021>

EBM Reviews - Cochrane Central Register of Controlled Trials <April 2021>

1 exp Liver Neoplasms/su 66978

2 Hepatectomy/ 79541

3 hepatectom\*.tw,kf. 60101

4 ((liver or hepatic or hepato\*) adj2 resect\*).tw,kf. 56883

5 Liver Transplantation/ 166324

6 ((liver or hepatic or hepato\*) adj2 (transplant\* or graft\*)).tw,kf. 188219

7 1 or 2 or 3 or 4 or 5 or 6 351009

8 Blood Transfusion, Autologous/ 17158

9 Operative Blood Salvage/ 1110

10 (cell adj2 (saver or salvage or saving)).tw,kf. 4119

11 blood salvage.tw,kf. 1406

12 autotransfus\*.tw,kf. 4521

13 autoh?emotransfus\*.tw,kf. 226

14 auto h?emotransfus\*.tw,kf. 5

15 auto transfus\*.tw,kf. 327

16 (autologous adj2 (cell or blood) adj2 transfus\*).tw,kf. 3261

17 autologous blood donat\*.tw,kf. 2034

18 (intraoperative blood collection adj3 readmin\*).tw,kf. 2

19 ((intraoperat\* or intra operat\* or perioperat\* or peri operat\*) adj2 transfus\*).tw,kf. 12456

20 (perioperative care/ or intraoperative care/ or perioperative period/ or intraoperative period/) and Blood Transfusion/ 7052

21 ((intraoperat\* or intra operat\* or perioperat\* or peri operat\*) adj2 blood transfus\*).tw,kf. 6708

22 or/8-21 39269

23 7 and 22 3271

24 exp animals/ not humans/ 16900899

25 23 not 24 2520

26 25 use medall 1067

27 (2021021\* or 2021022\* or 202103\* or 202104\* or 202105\*).dt. 463599

28 26 and 27 18

29 exp Liver Neoplasms/su 66978

30 exp liver resection/ 63950

31 hepatectom\*.tw. 59176

32 ((liver or hepatic or hepato\*) adj2 resect\*).tw. 56501

33 exp liver transplantation/ 183544

34 ((liver or hepatic or hepato\*) adj2 (transplant\* or graft\*)).tw. 187353

35 or/29-34 349189

36 blood autotransfusion/ 9228

37 blood salvage/ 743

38 (cell adj2 (saver or salvage or saving)).tw. 4095

39 blood salvage.tw. 1385

40 autotransfus\*.tw. 4508

41 autoh?emotransfus\*.tw. 226

42 auto h?emotransfus\*.tw. 5

43 (autologous adj2 (cell or blood) adj2 transfus\*).tw. 3222

44 autologous blood donat\*.tw. 2031

45 (intraoperative blood collection adj3 readmin\*).tw. 2

46 "intraoperative blood salvage device"/ 234

47 ((intraoperat\* or intra operat\* or perioperat\* or peri operat\*) adj2 transfus\*).tw. 12448

48 ((intraoperat\* or intra operat\* or perioperat\* or peri operat\*) adj2 blood transfus\*).tw. 6705

49 (peroperative care/ or intraoperative period/ or perioperative period/) and blood transfusion/ 5986

50 or/36-49 34479

51 35 and 50 3180

52 (exp animal/ or nonhuman/) not exp human/ 12208097

53 51 not 52 3165

54 53 use emczd 2096

55 (2021021\* or 2021022\* or 202103\* or 202104\* or 202105\*).dc. 807690

56 54 and 55 42

57 exp Liver Neoplasms/su 66978

58 Hepatectomy/ 79541

59 hepatectom\*.tw,kw. 61333

60 ((liver or hepatic or hepato\*) adj2 resect\*).tw,kw. 57732

61 Liver Transplantation/ 166324

62 ((liver or hepatic or hepato\*) adj2 (transplant\* or graft\*)).tw,kw. 189584

63 57 or 58 or 59 or 60 or 61 or 62 351818

64 Blood Transfusion, Autologous/ 17158

65 Operative Blood Salvage/ 1110

66 (cell adj2 (saver or salvage or saving)).tw,kw. 4182

67 blood salvage.tw,kw. 1479

68 autotransfus\*.tw,kw. 4820

69 autoh?emotransfus\*.tw,kw. 226

70 auto h?emotransfus\*.tw,kw. 5

71 auto transfus\*.tw,kw. 335

72 (autologous adj2 (cell or blood) adj2 transfus\*).tw,kw. 3378

73 autologous blood donat\*.tw,kw. 2061

74 (intraoperative blood collection adj3 readmin\*).tw,kw. 2

75 ((intraoperat\* or intra operat\* or perioperat\* or peri operat\*) adj2 transfus\*).tw,kw. 12507

76 (perioperative care/ or intraoperative care/ or perioperative period/ or intraoperative period/) and Blood Transfusion/ 7052

77 ((intraoperat\* or intra operat\* or perioperat\* or peri operat\*) adj2 blood transfus\*).tw,kw. 6759

78 or/64-77 39498

79 63 and 78 3279

80 79 use cctr 117

81 limit 80 to latest update 2

82 limit 80 to yr="2020 -Current" 11

83 81 or 82 12

84 28 or 56 or 83 72

85 remove duplicates from 84 59

86 85 use medall 18

87 85 use emczd 29

88 85 use cctr 12

Transfusion Evidence <May 26, 2021>

(cell salvage OR cell saver OR blood salvage or autotransfusion or autologous blood OR autohemotransfusion OR autohaemotransfusion) AND (liver transplant OR hepatic transplant OR liver graft OR hepatic graft