**Medline**

**Search 1**

Ovid MEDLINE(R) ALL <1946 to June 21, 2021>

1 General Surgery/ or Surgical Procedures, Operative/ or exp anesthesia/ 284541

2 (bleeding or bleed or blood loss or h?emorrhag\*).ti. 151292

3 1 and 2 1857

4 exp animals/ not exp humans/ 4846367

5 3 not 4 1582

6 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8794182

7 5 and 6 188

8 remove duplicates from 7 186

**Search 2**

Ovid MEDLINE(R) ALL <1946 to June 21, 2021>

1 (case reports or comment or editorial or guideline or letter).pt. 3953433

2 (comment or editorial or letter or case report or case study or case series).ti. 465825

3 exp animals/ not exp humans/ 4846367

4 1 or 2 or 3 8840358

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8794182

6 (bleeding or blood loss or h?emorrhag\* or coagulation).mp. 696233

7 (temperature or thermal or hypotherm\* or warming or thermogenesis or pH or acid-base or bicarbonate or calcium or ca2+ or hypocalc?em\*).ti. 432689

8 6 and 7 5453

9 8 not 4 3621

10 5 and 9 1060

11 remove duplicates from 10 1057

**Search 3**

Ovid MEDLINE(R) ALL <1946 to June 21, 2021>

1 (case reports or comment or editorial or guideline or letter).pt. 3953433

2 (comment or editorial or letter or case report or case study or case series).ti. 465825

3 exp animals/ not exp humans/ 4846367

4 1 or 2 or 3 8840358

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8794182

6 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).ti. 153552

7 (ICU or ITU or intensive care or critical care).mp. 247897

8 6 and 7 3861

9 8 not 4 3076

10 5 and 9 1445

11 remove duplicates from 10 1441

**Search 4**

Ovid MEDLINE(R) ALL <1946 to June 22, 2021>

1 (case reports or comment or editorial or guideline or letter).pt. 3954583

2 (comment or editorial or letter or case report or case study or case series).ti. 465919

3 exp animals/ not exp humans/ 4849572

4 1 or 2 or 3 8844579

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8798573

6 ((preop\* or pre operat\*) and an?emia).mp. 3536

7 (iron or autologous or erythropoietin or EPO).mp. 390045

8 6 and 7 920

9 8 not 4 799

10 5 and 9 348

11 remove duplicates from 10 345

**Search 5**

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

1 exp Surgical Procedures, Operative/ 3272772

2 surgery.fs. 2066206

3 exp Anesthesia/ 195841

4 (surg\* or an?esth\*).mp. 3603364

5 1 or 2 or 3 or 4 4953941

6 exp Hemorrhage/ 339616

7 exp Hemostasis/ 116090

8 exp Blood Transfusion/ 88020

9 exp Postoperative Complications/ 569469

10 (bleeding or blood loss or h?emorrhag\* or coagulopath\* or blood transfusion\*).mp. 643386

11 ((postop\* or post op\*) adj complication\*).mp. 424344

12 6 or 7 or 8 or 9 or 10 or 11 1369965

13 5 and 12 823270

14 exp animals/ not exp humans/ 4851120

15 13 not 14 782481

16 (case reports or comment or editorial or guideline or letter).pt. 3955616

17 (comment or editorial or letter or case report or case study or case series).ti. 466077

18 16 or 17 4105785

19 15 not 18 602903

20 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dp,ed,ez. 8804209

21 19 and 20 176236

22 (fluid\* or volume or hypovol?emi\* or crystalloid\* or colloid\* or hyperoncotic or hypertonic or albumin or dextran or starch or hydroxyethylstarch or isotonic saline or gelatin or an?emi\* or tissue oxygenat\* or h?emoglobin or acute renal failure or h?ematocrit or acetate or lactate or vasopress\* or viscosity or osmolarity).ti. 479230

23 (oxygen\* adj2 (supplement\* or inspiratory or delivery or consumption)).ti. 9341

24 (tolerance adj2 an?emia).mp. 101

25 (side effect\* adj2 transfusion).mp. 80

26 ((goal directed or h?emodynamic) adj2 (therapy or treatment)).mp. 2468

27 ((transfusion or h?emoglobin) adj (trigger\* or threshold\*)).mp. 1294

28 (critical oxygen delivery or critical h?ematocrit or critical h?emoglobin concentration or supply dependency or functional capillary density or glycocal?x or fluid restriction or protocol based fluid or fluid therapy).mp. 28492

29 22 or 23 or 24 or 25 or 26 or 27 or 28 511035

30 21 and 29 4562

31 remove duplicates from 30 4556

**Search 6**

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

1 (case reports or comment or editorial or guideline or letter).pt. 3955616

2 (comment or editorial or letter or case report or case study or case series).ti. 466077

3 exp animals/ not exp humans/ 4851120

4 1 or 2 or 3 8847065

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8804209

6 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).mp. 577308

7 (obstetric\* or gyn?ecolog\* or peri-partum or peripartum or post-partum or postpartum or post-natal or postnatal).ti. 116207

8 6 and 7 8950

9 8 not 4 7175

10 5 and 9 2494

11 remove duplicates from 10 2487

**Search 7**  
Ovid MEDLINE(R) ALL <1946 to June 25, 2021>

1 (case reports or comment or editorial or guideline or letter).pt. 3956493

2 (comment or editorial or letter or case report or case study or case series).ti. 466257

3 exp animals/ not exp humans/ 4852116

4 1 or 2 or 3 8848889

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8809071

6 (surg\* or an?esth\*).mp. 3604336

7 (Fibrinogen or Prothrombin or von Willebrand or protein C or anti-fibrinolytic\* or tranexamic acid or aprotinin or aminocaproic acid or trasylol or amicar or DDAVP or desmopressin or vitamin K or rFVIIa).ti. 44728

8 ((factor adj (XIII or IX or VII\*)) or factor 7).ti. 14612

9 7 or 8 57894

10 6 and 9 7260

11 10 not 4 5087

12 5 and 11 2046

13 remove duplicates from 12 2038

**Search 8**

Ovid MEDLINE(R) ALL <1946 to June 25, 2021>

1 (case reports or comment or editorial or guideline or letter).pt. 3956493

2 (comment or editorial or letter or case report or case study or case series).ti. 466257

3 exp animals/ not exp humans/ 4852116

4 1 or 2 or 3 8848889

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8809071

6 (surg\* or an?esth\*).mp. 3604336

7 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).mp. 577426

8 (hip or knee or spinal surgery or scoliosis surgery or orthop?edic).ti. 162474

9 6 and 7 and 8 5190

10 9 not 4 4670

11 5 and 10 2157

12 remove duplicates from 11 2153

**Search 9**   
Ovid MEDLINE(R) ALL <1946 to June 29, 2021>

1 (case reports or comment or editorial or guideline or letter).pt. 3959022

2 (comment or editorial or letter or case report or case study or case series).ti. 466712

3 exp animals/ not exp humans/ 4853981

4 1 or 2 or 3 8853198

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8825109

6 (surg\* or an?esth\*).mp. 3606899

7 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).ti. 153672

8 (liver or hepat\* or prostat\* or pancreat\* or Whipple\* or kidney transplant\* or renal transplant\* or variceal or peptic ulcer).mp. 2102008

9 6 and 7 and 8 7700

10 9 not 4 5007

11 5 and 10 842

12 remove duplicates from 11 841

**Search 10**  
  
Ovid MEDLINE(R) ALL <1946 to July 01, 2021>

1 (case reports or comment or editorial or guideline or letter).pt. 3960302

2 (comment or editorial or letter or case report or case study or case series).ti. 467069

3 exp animals/ not exp humans/ 4855037

4 1 or 2 or 3 8855560

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 8835177

6 (surg\* or an?esth\*).ti. 825122

7 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).mp. 577943

8 (heart or cardiac or bypass or coronary or valv\* or cardiopulmonary or vascular or aort\*).ti. 1088727

9 6 and 7 and 8 7052

10 9 not 4 5786

11 5 and 10 2014

12 remove duplicates from 11 2007

**Search 11**

Ovid MEDLINE(R) ALL <1946 to July 01, 2021>

1 (periop\* or peri op\* or intraop\* or intra op\* or postop\* or post op\* or PACU or recovery or ambulatory care or an?esth\* or postan?esth\*).mp. 1974653

2 (bleeding or blood loss or blood management or h?emorrhag\* or coagulopath\*).mp. 578626

3 (systematic review or meta-analysis or metaanalysis).mp. 335329

4 1 and 2 and 3 4639

5 exp animals/ not exp humans/ 4855037

6 4 not 5 4635

7 (case reports or comment or editorial or guideline or letter).pt. 3960302

8 (comment or editorial or letter or case report or case study or case series).ti. 467069

9 7 or 8 4110441

10 6 not 9 4508

11 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dp,ed,ez. 8835177

12 10 and 11 3262

13 remove duplicates from 12 3245

**Search 12**

Ovid MEDLINE(R) ALL <1946 to July 01, 2021>

1 exp Surgical Procedures, Operative/ or surgery.fs. 3903852

2 (surgery or surgical or an?esth\*).jw. 1265658

3 exp Perioperative Care/ or exp Perioperative Period/ 244730

4 hemorrhage/ or blood loss, surgical/ 93975

5 exp Postoperative Hemorrhage/ 12035

6 surgery.ti,ab. 1208274

7 (pre op\* or preop\* or intra op\* or intraop\* or peri op\* or periop\*).ti,ab. 547643

8 (h?emorrhage or blood loss or bleeding).ti,ab. 411381

9 Point-of-Care Systems/ 14174

10 point of care.ti,ab. 23431

11 exp Anticoagulants/ 228928

12 anticoagulant\*.ti. 22603

13 (anticoagulant\* and patient\*).ab. 37856

14 exp Anesthesia/ 196033

15 an?esth\*.ti,ab. 389702

16 1 or 2 or 3 or 4 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 5434527

17 exp animals/ not exp humans/ 4855037

18 16 not 17 4854822

19 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4167012

20 (comment or editorial or letter or case report or case study).ti. 443576

21 19 or 20 4302461

22 18 not 21 3620266

23 exp Blood Coagulation Tests/ 42291

24 (coagulat\* adj4 (test\* or measur\* or evaluat\* or monitor\* or assay\*)).ti,ab. 10956

25 23 or 24 48834

26 22 and 25 23430

27 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dp,ed,ez. 8835177

28 26 and 27 5664

29 remove duplicates from 28 5661

**Search 13**

Ovid MEDLINE(R) ALL <1946 to July 01, 2021>

1 exp Surgical Procedures, Operative/ or surgery.fs. 3903852

2 (surgery or surgical or an?esth\*).jw. 1265658

3 exp Perioperative Care/ or exp Perioperative Period/ 244730

4 hemorrhage/ or blood loss, surgical/ 93975

5 ((elective\* or non emergency or nonemergency or non urgen\* or nonurgen\* or non trauma\* or nontrauma\*) adj6 (surg\* or operat\* or procedure\*)).ti,ab. 38919

6 (pre operat\* or preop\* or intra operat\* or intraop\* or peri operat\* or periop\*).ti,ab. 546585

7 (h?emorrhage or blood loss).ti,ab. or (bleeding adj6 (surg\* or operat\* or procedure\*)).ab,ti. 249716

8 1 or 2 or 3 or 4 or 5 or 6 or 7 4716349

9 exp animals/ not exp humans/ 4855037

10 8 not 9 4284489

11 (exp infant/ or exp child/ or exp adolescent/) not exp adult/ 1952962

12 10 not 11 3895706

13 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4167012

14 (comment or editorial or letter or case report or case study).ti. 443576

15 13 or 14 4302461

16 12 not 15 2905284

17 16 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 753665

18 ((transfus\* or MT or h?emorrhage) adj2 protocol\*).mp. 1119

19 (ratio\* adj2 transfus\*).mp. 786

20 exp Blood Component Transfusion/ and (exp guidelines as topic/ or exp clinical protocols/) 995

21 (massive adj2 transfusion).mp. 2200

22 ((red blood cell\* or frozen plasma or platelet\* or RBC? or FFP? or PRBC? or PLT?) adj3 (ratio? or protocol?)).ti,ab. 6947

23 (blood component\* adj6 (ratio? or protocol?)).ti,ab. 93

24 (blood platelets/ or erythrocytes/ or leukocytes/) and (exp Blood Transfusion/ or transfus\*.ti,ab.) and (exp guidelines as topic/ or exp clinical protocols/) 111

25 18 or 19 or 20 or 21 or 22 or 23 or 24 11077

26 17 and 25 2621

27 remove duplicates from 26 2612

**Search 14**

Ovid MEDLINE(R) ALL <1946 to July 01, 2021>

1 exp Surgical Procedures, Operative/ or surgery.fs. 3903852

2 (surgery or surgical or an?esth\*).jw. 1265658

3 exp Perioperative Care/ or exp Perioperative Period/ 244730

4 hemorrhage/ or blood loss, surgical/ 93975

5 ((elective\* or non emergency or nonemergency or non urgen\* or nonurgen\* or non trauma\* or nontrauma\*) adj6 (surg\* or operat\* or procedure\*)).ti,ab. 38919

6 (pre operat\* or preop\* or intra operat\* or intraop\* or peri operat\* or periop\*).ti,ab. 546585

7 (h?emorrhage or blood loss).ti,ab. or (bleeding adj6 (surg\* or operat\* or procedure\*)).ab,ti. 249716

8 1 or 2 or 3 or 4 or 5 or 6 or 7 4716349

9 exp animals/ not exp humans/ 4855037

10 8 not 9 4284489

11 (exp infant/ or exp child/ or exp adolescent/) not exp adult/ 1952962

12 10 not 11 3895706

13 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4167012

14 (comment or editorial or letter or case report or case study).ti. 443576

15 13 or 14 4302461

16 12 not 15 2905284

17 16 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 753665

18 (antithrombin\* adj4 (supplement\* or concentrate\* or therapy or substitution or replacement or administration)).ti,ab. 824

19 ((AT or ATIII) adj (supplement\* or concentrate\* or therapy or substitution or replacement or administration)).mp. 1073

20 ((recombinant or purified) adj antithrombin).mp. or rhAT.ti,ab. 173

21 exp Antithrombins/ad, tu [Administration & Dosage, Therapeutic Use] 6879

22 exp Antithrombin Proteins/ad, tu [Administration & Dosage, Therapeutic Use] 1315

23 Antithrombin III Deficiency/dt [Drug Therapy] 66

24 18 or 19 or 20 or 21 or 22 or 23 8384

25 17 and 24 1961

26 remove duplicates from 25 1958

**Search 15**

Ovid MEDLINE(R) ALL <1946 to July 02, 2021>

1 exp animals/ not exp humans/ 4855957

2 (exp infant/ or exp child/ or exp adolescent/) not exp adult/ 1953611

3 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4168066

4 (comment or editorial or letter or case report or case study).ti. 443815

5 (Pulse CO-Oximet\* or Pulse COOximet\*).mp. 144

6 ((Continuous\* or noninvasiv\* or non invasiv\*) adj4 h?emoglobin\*).mp. 604

7 exp Hemoglobinometry/ or (h?emoglobin\* adj4 (measur\* or estimat\* or screen\* or monitor\*)).ti,ab. or (exp Hemoglobins/ and exp Monitoring, Physiologic/) 20767

8 exp Oximetry/ or oximet\*.ti,ab. or (cooximet\* or co-oximet\*).ti,ab. 22066

9 7 and 8 844

10 SpHb.mp. 103

11 h?emoglobin\*.mp. and (Masimo or NBM 200 or OrSense or Pronto 7).af. 114

12 5 or 6 or 9 or 10 or 11 1394

13 1 or 2 or 3 or 4 10470558

14 12 not 13 979

15 14 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 309

16 remove duplicates from 15 308

**Search 16**

Ovid MEDLINE(R) ALL <1946 to July 02, 2021>

1 exp Surgical Procedures, Operative/ or surgery.fs. 3904902

2 (surgery or surgical or an?esth\*).jw. 1265878

3 exp Perioperative Care/ or exp Perioperative Period/ 244811

4 hemorrhage/ or blood loss, surgical/ 93996

5 ((elective\* or non emergency or nonemergency or non urgen\* or nonurgen\* or non trauma\* or nontrauma\*) adj6 (surg\* or operat\* or procedure\*)).ti,ab. 38941

6 (pre operat\* or preop\* or intra operat\* or intraop\* or peri operat\* or periop\*).ti,ab. 546868

7 (h?emorrhage or blood loss).ti,ab. or (bleeding adj6 (surg\* or operat\* or procedure\*)).ab,ti. 249841

8 1 or 2 or 3 or 4 or 5 or 6 or 7 4717510

9 exp animals/ not exp humans/ 4855957

10 8 not 9 4285597

11 (exp infant/ or exp child/ or exp adolescent/) not exp adult/ 1953611

12 10 not 11 3896720

13 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4168066

14 (comment or editorial or letter or case report or case study).ti. 443815

15 13 or 14 4303586

16 12 not 15 2906087

17 16 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 754467

18 exp Hemodilution/ 3836

19 ((Normovol?em\* or isovol?em\*) adj6 (h?emodilut\* or an?emia)).af. 1675

20 18 or 19 4360

21 17 and 20 185

22 remove duplicates from 21 185

**Search 17**

Ovid MEDLINE(R) ALL <1946 to July 02, 2021>

1 (h?emorrhage\* or blood loss or bleeding or bleed).ab,ti. 428990

2 hemorrhage/ or blood loss, surgical/ 93996

3 1 or 2 459735

4 General Surgery/ or exp Surgical Procedures, Operative/ or exp anesthesia/ or su.fs. 4026134

5 (surgery or surgical or an?esth\* or pre operat\* or preop\* or intra operat\* or intraop\* or peri operat\* or periop\* or post operat\* or postop\*).ti,ab. 2505374

6 4 or 5 4935414

7 exp Coronavirus/ 81759

8 exp Coronavirus Infections/ 99826

9 exp COVID-19/ 89266

10 (coronavirus or corona virus or covid or covid2019 or covid19 or SARS2 or SARS-CoV-2 or SARS-CoV-19 or severe acute respiratory pneumonia outbreak or novel cov or 2019ncov or sars cov2 or cov22 or ncov or coronaviridae).tw. 158624

11 7 or 8 or 9 or 10 170857

12 3 and 6 and 11 246

13 exp animals/ not exp humans/ 4855957

14 (exp infant/ or exp child/ or exp adolescent/) not exp adult/ 1953611

15 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4168066

16 (comment or editorial or letter or case report or case study).ti. 443815

17 13 or 14 or 15 or 16 10470558

18 12 not 17 149

19 18 and (20191\* or 2020\* or 2021\*).ez,dp,ed. 146

20 remove duplicates from 19 146

**Search 18**

Ovid MEDLINE(R) ALL <1946 to August 03, 2021>

1 Neurosurgery/ or exp Neurosurgical Procedures/ 212511

2 (neurosurg\* or ((neurological or nerve\* or spine or spinal) adj3 (surg\* or operat\* or procedur\*))).mp. 122070

3 1 or 2 279805

4 hemorrhage/ or postoperative hemorrhage/ or blood loss, surgical/ or exp Anemia/ or Hemostasis, Surgical/ 271073

5 (bleeding or h?emorrhage\* or blood loss or an?emi\* or (surg\* adj2 h?emostasis)).mp. 703316

6 4 or 5 733769

7 exp Blood Transfusion/ or exp Blood Coagulation/ or exp Blood Coagulation Factors/ or exp Anticoagulants/ or exp Antifibrinolytic Agents/ or exp Plasma/ or Blood Platelets/ or exp Fibrinogen/ or Prothrombin/ or factor xiii/ or Operative Blood Salvage/ or exp Antifibrinolytic Agents/ or Tranexamic Acid/ or Aminocaproic Acid/ or exp Antithrombins/ or exp Thrombocytopenia/ 879027

8 (((blood or massive or plasma or erythrocyte) adj3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or blood clot\* or (factor adj3 concentrate\*) or antiplasmin\* or Fresh frozen plasma\* or blood plasma\* or ffp or ((blood or concentrat\*) adj2 platelet\*) or Fibrinogen\* or prothrombin\* or thrombocyte\* or factor XIII or factor 13 or factor VI or factor 6 or ((cell or blood) adj2 salvage) or antifibrinoly\* or tranexamic acid\* or Aminocaproic acid\*).mp. 568280

9 7 or 8 1081079

10 3 and 6 and 9 2955

11 exp animals/ not exp humans/ 4869246

12 (exp infant/ or exp child/ or exp adolescent/) not exp adult/ 1961947

13 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4185401

14 (comment or editorial or letter or case report or case study).ti. 446863

15 11 or 12 or 13 or 14 10508171

16 10 not 15 1990

17 16 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 952

18 remove duplicates from 17 949

**Search 19**

Ovid MEDLINE(R) ALL <1946 to August 03, 2021>

1 General Surgery/ or exp Surgical Procedures, Operative/ or exp anesthesia/ or su.fs. 4042455

2 (surgery or surgical or an?esth\* or pre operat\* or preop\* or intra operat\* or intraop\* or peri operat\* or periop\* or post operat\* or postop\*).mp. 3762680

3 1 or 2 5021437

4 hemorrhage/ or postoperative hemorrhage/ or blood loss, surgical/ 102908

5 (bleeding or h?emorrhage\* or blood loss).mp. 508340

6 4 or 5 508340

7 exp Blood Transfusion/ or exp Blood Coagulation/ or exp Blood Coagulation Factors/ or exp Anticoagulants/ or exp Antifibrinolytic Agents/ or exp Plasma/ or Blood Platelets/ or exp Fibrinogen/ or Prothrombin/ or factor xiii/ or Operative Blood Salvage/ or exp Antifibrinolytic Agents/ or Tranexamic Acid/ or Aminocaproic Acid/ or exp Antithrombins/ or exp Thrombocytopenia/ 879027

8 (((blood or massive or plasma or erythrocyte) adj3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or blood clot\* or (factor adj3 concentrate\*) or antiplasmin\* or Fresh frozen plasma\* or blood plasma\* or ffp or ((blood or concentrat\*) adj2 platelet\*) or Fibrinogen\* or prothrombin\* or thrombocyte\* or factor XIII or factor 13 or factor VI or factor 6 or ((cell or blood) adj2 salvage) or antifibrinoly\* or tranexamic acid\* or Aminocaproic acid\* or blood management).mp. 568488

9 7 or 8 1081282

10 exp pediatrics/ or adolescent/ or exp child/ or exp infant/ 3729645

11 (child\* or p?ediat\* or neonat\* or newborn\* or infant\* or adolesc\* or preteen\* or teen\* or juvenil\* or youth\* or kid or kids).mp. 4539942

12 10 or 11 4540496

13 3 and 6 and 9 and 12 10159

14 exp animals/ not exp humans/ 4869246

15 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4185401

16 (comment or editorial or letter or case report or case study).ti. 446863

17 14 or 15 or 16 9070278

18 13 not 17 8102

19 18 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 2330

20 remove duplicates from 19 2327

**Search 20**

Ovid MEDLINE(R) ALL <1946 to September 03, 2021>

1 perioperative period/ or exp intraoperative period/ or exp postoperative period/ 91196

2 (intra operat\* or intraop\* or peri operat\* or periop\* or post operat\* or postop\* or peroperat\*).mp. 1121139

3 1 or 2 1127443

4 hemorrhage/ or postoperative hemorrhage/ or blood loss, surgical/ 103273

5 (bleeding or h?emorrhage\* or blood loss).mp. 510799

6 4 or 5 510799

7 exp Aspirin/ or Ticagrelor/ or Prasugrel Hydrochloride/ or Clopidogrel/ or exp Platelet Aggregation Inhibitors/ or exp Anticoagulants/ or Heparin/ or Heparin, Low-Molecular-Weight/ or Vitamin K/ or Rivaroxaban/ or Dabigatran/ 351686

8 (aspirin\* or acetylsalicylic acid or ticagrelor or prasugrel or clopidogrel or cangrelor or antiplatelet\* or anti platelet\* or anticoagulant\* or anti coagulant\* or heparin or vitamin K antagonist\* or DOAC\* or apixaban or rivaroxaban or edoxaban or dabigatran or antithrombotic\* or anti thrombotic\* or antithrombocytic\* or anti thrombocytic\*).mp. 286203

9 7 or 8 446028

10 3 and 6 and 9 10554

11 exp animals/ not exp humans/ 4881960

12 (exp infant/ or exp child/ or exp adolescent/) not exp adult/ 1972332

13 (case reports or comment or editorial or guideline or letter or news or newspaper article).pt. 4202602

14 (comment or editorial or letter or case report or case study).ti. 450158

15 11 or 12 or 13 or 14 10546755

16 10 not 15 8491

17 16 and (2017\* or 2018\* or 2019\* or 2020\* or 2021\*).ez,dp,ed. 2460

18 remove duplicates from 17 2453

[**Cochrane Central Register of Controlled Trials**](https://www.cochranelibrary.com/)

Issue 6 of 12, June 2021

**Search 1**  
#1 [mh "Surgical Procedures, Operative"] or [mh Anesthesia] or (anesth\* or anaesth\* or surgery or surgical):ti 192941

#2 (bleeding or "blood loss" or bleed or haemorrhag\* or hemorrhag\*):ti 15178

#3 #1 and #2 with Publication Year from 2015 to 2021, in Trials 1010

**Search 2**

#1 (bleeding or "blood loss" or hemorrhag\* or haemorrhag\* or coagulation):ti,ab,kw 80717

#2 (temperature or thermal or hypotherm\* or warming or thermogenesis or pH or "acid-base" or bicarbonate or calcium or "ca2+" or hypocalcem\* or hypocalcaem\*):ti 17218

#3 #1 and #2 with Publication Year from 2015 to 2021, in Trials 331

**Search 3**

#1 (bleeding or "blood loss" or hemorrhag\* or haemorrhag\* or coagulopath\*):ti 15224

#2 ICU or ITU or "intensive care" or "critical care" 54458

#3 #1 and #2 with Publication Year from 2015 to 2021, in Trials 399

**Search 4**

#1 ((preop\* or (pre next operat\*)) and (anemia or anaemia)) 613

#2 iron or autologous or erythropoietin or EPO 26945

#3 #1 and #2 with Publication Year from 2015 to 2021, in Trials 108

**Search 5**

#1 [mh "Surgical Procedures, Operative"] 121498

#2 [mh /SU] 59666

#3 [mh Anesthesia] 19689

#4 surg\* or anesth\* or anaesth\* 338601

#5 {or #1-#4} 370543

#6 [mh Hemorrhage] 14754

#7 [mh Hemostasis] 4925

#8 [mh "Blood Transfusion"] 3606

#9 [mh "Postoperative Complications"] 41107

#10 bleeding or “blood loss” or hemorrhag\* or haemorrhag\* or coagulopath\* or "blood transfusion" or "blood transfusions" 81549

#11 {or #6-#10} 121897

#12 #5 and #11 74918

#13 #12 with Publication Year from 2015 to 2021, in Trials 25488

#14 (fluid\* or volume or hypovol\*mi\* or crystalloid\* or colloid\* or hyperoncotic or hypertonic or albumin or dextran or starch or hydroxyethylstarch or isotonic saline or gelatin or anemi\* or anaemi\* or (tissue next oxygenat\*) or h\*moglobin or "acute renal failure" or h\*matocrit or acetate or lactate or vasopress\* or viscosity or osmolarity):ti 31908

#15 (oxygen\* near/2 (supplement\* or inspiratory or delivery or consumption)):ti 1099

#16 (tolerance near/2 an\*mia) 397

#17 ((side next effect\*) near/2 transfusion) 223

#18 (("goal directed" or hemodynamic or haemodynamic) near/2 (therapy or treatment)) 971

#19 ((transfusion or hemoglobin or haemoglobin) next (trigger\* or threshold\*)) 438

#20 “critical oxygen delivery” or "critical hematocrit" or "critical haematocrit" or "critical hemoglobin concentration" or "critical haemoglobin concentration" or "supply dependency" or "functional capillary density" or glycocalix or glycocalyx or "fluid restriction" or "protocol based fluid" 681

#21 {or #14-#20} 34955

#22 #13 and #21 878

**Search 6**

#1 (bleeding or "blood loss" or hemorrhag\* or haemorrhag\* or coagulopath\*):ti,ab,kw 74039

#2 (obstetric\* or gynecolog\* or gynaecolog\* or peri-partum or peripartum or post-partum or postpartum or post-natal or postnatal):ti 9667

#3 #1 and #2 with Publication Year from 2015 to 2021, in Trials 617

**Search 7**

#1 (surg\* or anesth\* or anaesth\*):ti,ab,kw 293068

#2 (Fibrinogen or Prothrombin or "von Willebrand" or "protein C" or anti-fibrinolytic\* or tranexamic acid or aprotinin or "aminocaproic acid" or trasylol or amicar or DDAVP or desmopressin or "vitamin K" or rFViia):ti 5828

#3 (factor next (XIII or IX or VII\* or 7)):ti 840

#4 #2 or #3 6570

#5 #1 and #4 with Publication Year from 2015 to 2021, in Trials 1213

**Search 8**

#1 (surg\* or anesth\* or anaesth\*):ti,ab,kw 293068

#2 (bleeding or "blood loss" or hemorrhag\* or haemorrhag\* or coagulopath\*):ti,ab,kw 74039

#3 (hip or knee or spinal surgery or scoliosis surgery or orthopedic or orthopaedic):ti 28669

#4 #1 and #2 and #3 with Publication Year from 2015 to 2021, in Trials 993

**Search 9**

#1 (surg\* or anesth\* or anaesth\*):ti,ab,kw 294402

#2 (bleeding or "blood loss" or hemorrhag\* or haemorrhag\* or coagulopath\*):ti 15287

#3 liver or hepat\* or prostat\* or pancreat\* or Whipple\* or ((kidney or renal) next transplant\*) or variceal or "peptic ulcer" 138377

#4 #1 and #2 and #3 with Publication Year from 2015 to 2021, in Trials 239

**Search 10**

#1 (surg\* or anesth\* or anaesth\*):ti 97120

#2 (bleeding or "blood loss" or hemorrhag\* or haemorrhag\* or coagulopath\*):ti,ab,kw 74379

#3 (heart or cardiac or bypass or coronary or valv\* or cardiopulmonary or vascular or aort\*):ti 87594

#4 #1 and #2 and #3 with Publication Year from 2015 to 2021, in Trials 580

**Search 11**

#1 (periop\* or (peri next operat\*) or intraop\* or (intra next operat\*) or postop\* or (post next operat\*) or PACU or recovery or "ambulatory care" or anesth\* or anaesth\* or postan\*sth\*):ti,ab,kw 236154

#2 (bleeding or "blood loss" or "blood management" or h\*morrhag\* or coagulopath\*):ti,ab,kw 74451

#3 #1 and #2 23770

#4 #3 with Cochrane Library publication date Between Jan 2015 and Dec 2021, in Cochrane Reviews 163  
**Search 12**

#1 [mh "Surgical Procedures, Operative"] 122033

#2 [mh "Perioperative Care"] or [mh "Perioperative Period"] 20429

#3 [mh ^hemorrhage] or [mh ^"blood loss, surgical"] 6781

#4 [mh "Postoperative Hemorrhage"] 1328

#5 surgery or surgical 282110

#6 (pre next operat\*) or preop\* or (intra next operat\*) or intraop\* or (peri next operat\*) or periop\* 82067

#7 hemorrhage or haemorrhage or "blood loss" or bleeding 73492

#8 [mh "Point-of-Care Systems"] 506

#9 "point of care" 2433

#10 [mh Anticoagulants] 4756

#11 anticoagulant\*:ti 1779

#12 (anticoagulant\* and patient\*):ab 5204

#13 [mh Anesthesia] 19744

#14 anesth\* or anaesth\* 119091

#15 {or #1-#14} 413228

#16 [mh "Blood Coagulation Tests"] 2058

#17 coagulat\* near/4 (test\* or measur\* or evaluat\* or monitor\* or assay\*) 2038

#18 #16 or #17 3378

#19 #15 and #18 2581

#20 #19 with Publication Year from 2015 to 2021, in Trials 640

**Search 13**

#1 [mh "Surgical Procedures, Operative"] 122033

#2 [mh /SU] 59936

#3 [mh "Perioperative Care"] or [mh "Perioperative Period"] 20429

#4 [mh ^hemorrhage] or [mh "blood loss, surgical"] 6781

#5 ((elective\* or nonemergency or nonurgen\* or nontrauma\*) near/6 (surg\* or operat\* or procedure\*)) 18175

#6 (non next (emergency or urgen\* or trauma\*) near/6 (surg\* or operat\* or procedure\*)) 175

#7 (pre next operat\*) or preop\* or (intra next operat\*) or intraop\* or (peri next operat\*) or periop\* 82067

#8 bleeding near/6 (surg\* or operat\* or procedure\*) 7081

#9 haemorrhage or hemorrhage or "blood loss" 42894

#10 {or #1-#9} 219903

#11 #10 with Publication Year from 2015 to 2021, in Trials 76153

#12 ((transfus\* or MT or haemorrhage or hemorrhage) near/2 protocol\*) 433

#13 ratio\* near/2 transfus\* 107

#14 [mh "Blood Component Transfusion"] and (protocol\* or guideline\* or ratio or ratios) 373

#15 massive near/2 transfusion 168

#16 ((red next blood next cell\*) or "frozen plasma" or platelet\* or rbc or ffp or prbc or plt) near/3 (ratio or ratios or protocol\*) 699

#17 ((blood next component\*) near/6 (ratio or ratios or protocol\*)) 41

#18 ([mh "blood platelets"] or [mh erythrocytes] or [mh leukocytes] or [mh "Blood Component Transfusion"]) and ([mh "guidelines as topic"] or [mh "clinical protocols"]) 437

#19 {or #12-#18} 1850

#20 #11 and #19 332

**Search 14**

#1 [mh "Surgical Procedures, Operative"] 122033

#2 [mh /SU] 59936

#3 [mh "Perioperative Care"] or [mh "Perioperative Period"] 20429

#4 [mh ^hemorrhage] or [mh "blood loss, surgical"] 6781

#5 ((elective\* or nonemergency or nonurgen\* or nontrauma\*) near/6 (surg\* or operat\* or procedure\*)) 18175

#6 (non next (emergency or urgen\* or trauma\*) near/6 (surg\* or operat\* or procedure\*)) 175

#7 (pre next operat\*) or preop\* or (intra next operat\*) or intraop\* or (peri next operat\*) or periop\* 82067

#8 bleeding near/6 (surg\* or operat\* or procedure\*) 7081

#9 haemorrhage or hemorrhage or "blood loss" 42894

#10 {or #1-#9} 219903

#11 #10 with Publication Year from 2015 to 2021, in Trials 76153

#12 antithrombin\* near/4 (supplement\* or concentrate\* or therapy or substitution or replacement or administration) 348

#13 ((at or atiii) next (supplement\* or concentrate\* or therapy or substitution or replacement or administration)) 25397

#14 (recombinant or purified) next antithrombin 16

#15 rhat 11

#16 [mh Antithrombins/ad,tu] 548

#17 [mh "Antithrombin Proteins"/ad,tu] 189

#18 [mh "Antithrombin III Deficiency"/dt] 1

#19 {or #12-#18} 26274

#20 #11 and #19 1203

**Search 15**  
#1 [mh "Surgical Procedures, Operative"] 122033

#2 [mh /SU] 59936

#3 [mh "Perioperative Care"] or [mh "Perioperative Period"] 20429

#4 [mh ^hemorrhage] or [mh "blood loss, surgical"] 6781

#5 ((elective\* or nonemergency or nonurgen\* or nontrauma\*) near/6 (surg\* or operat\* or procedure\*)) 18175

#6 (non next (emergency or urgen\* or trauma\*) near/6 (surg\* or operat\* or procedure\*)) 175

#7 (pre next operat\*) or preop\* or (intra next operat\*) or intraop\* or (peri next operat\*) or periop\* 82066

#8 bleeding near/6 (surg\* or operat\* or procedure\*) 7081

#9 haemorrhage or hemorrhage or "blood loss" 42894

#10 {or #1-#9} 219902

#11 #10 with Publication Year from 2015 to 2021, in Trials 76153

#12 Pulse CO-Oximet\* or "Pulse COOximet\*" 36

#13 ((continuous\* or noninvasiv\* or (non next invasiv\*)) near/4 (haemoglobin\* or hemoglobin\*)) 110

#14 SpHb 37

#15 (haemoglobin\* or hemoglobin\*) and (Masimo or "NBM 200" or OrSense or "Pronto 7") 28

#16 [mh Hemoglobinometry] 183

#17 ((haemoglobin\* or hemoglobin\*) near/4 (measur\* or estimat\* or screen\* or monitor\*)) 2726

#18 [mh Hemoglobins] and [mh "Monitoring, Physiologic"] 665

#19 #16 or #17 or #18 3423

#20 [mh Oximetry] 1042

#21 cooximet\* or (co next oximet\*) 85

#22 #20 or #21 1108

#23 #19 and #22 35

#24 {or #12-#15, #23} 171

#25 #11 and #24 29

**Search 16**

#1 [mh "Surgical Procedures, Operative"] 122033

#2 [mh /SU] 59936

#3 [mh "Perioperative Care"] or [mh "Perioperative Period"] 20429

#4 [mh ^hemorrhage] or [mh "blood loss, surgical"] 6781

#5 ((elective\* or nonemergency or nonurgen\* or nontrauma\*) near/6 (surg\* or operat\* or procedure\*)) 18175

#6 (non next (emergency or urgen\* or trauma\*) near/6 (surg\* or operat\* or procedure\*)) 175

#7 (pre next operat\*) or preop\* or (intra next operat\*) or intraop\* or (peri next operat\*) or periop\* 82066

#8 bleeding near/6 (surg\* or operat\* or procedure\*) 7081

#9 haemorrhage or hemorrhage or "blood loss" 42894

#10 {or #1-#9} 219902

#11 #10 with Publication Year from 2015 to 2021, in Trials 76153

#12 [mh Hemodilution] 382

#13 (Normovol\* or isovol\*) near/6 (hemodilut\* or haemodilut\* or anemia or anaemia) 402

#14 #12 or #13 620

#15 #11 and #14 43

**Search 17**

Cochrane Covid 19 study register

hemorrhage\* or haemorrhage\* or "blood loss" or bleeding or bleed  
AND  
surgery or surgical or operat\* or periop\* or postop\* or preop\* or anaesthesia or anesthesia  
333 references

**Search 18**

#1 MeSH descriptor: [Neurosurgery] explode all trees 77

#2 MeSH descriptor: [Neurosurgical Procedures] explode all trees 6384

#3 (neurosurg\* or ((neurological or nerve\* or spine or spinal) NEAR/3 (surg\* or operat\* or procedur\*))):ti,ab,kw 12330

#4 #1 or #2 or #3 17552

#5 MeSH descriptor: [Hemorrhage] explode all trees 14887

#6 MeSH descriptor: [Postoperative Hemorrhage] explode all trees 1338

#7 MeSH descriptor: [Blood Loss, Surgical] explode all trees 2716

#8 MeSH descriptor: [Anemia] explode all trees 5472

#9 MeSH descriptor: [Hemostasis, Surgical] explode all trees 1423

#10 (bleeding or hemorrhage\* or haemorrhage\* or "blood loss" or anaemi\* or anemi\* or (surg\* NEAR/2 (haemostasis or hemostasis))):ti,ab,kw 91301

#11 #5 or #6 or #7 or #8 or #9 or #10 93630

#12 MeSH descriptor: [Blood Transfusion] explode all trees 3646

#13 MeSH descriptor: [Blood Coagulation] explode all trees 2394

#14 MeSH descriptor: [Blood Coagulation Factors] explode all trees 10123

#15 MeSH descriptor: [Anticoagulants] explode all trees 4784

#16 MeSH descriptor: [Antifibrinolytic Agents] explode all trees 820

#17 MeSH descriptor: [Plasma] explode all trees 1128

#18 MeSH descriptor: [Blood Platelets] explode all trees 1996

#19 MeSH descriptor: [Fibrinogen] explode all trees 1731

#20 MeSH descriptor: [Prothrombin] explode all trees 386

#21 MeSH descriptor: [Factor XIII] explode all trees 49

#22 MeSH descriptor: [Operative Blood Salvage] explode all trees 47

#23 MeSH descriptor: [Antifibrinolytic Agents] explode all trees 820

#24 MeSH descriptor: [Tranexamic Acid] explode all trees 1177

#25 MeSH descriptor: [Aminocaproic Acid] explode all trees 131

#26 MeSH descriptor: [Antithrombins] explode all trees 938

#27 MeSH descriptor: [Thrombocytopenia] explode all trees 1311

#28 (((blood or massive or plasma or erythrocyte) NEAR/3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or (blood NEXT clot\*) or (factor NEAR/3 concentrate\*) or antiplasmin\* or (Fresh NEXT frozen NEXT plasma\*) or (blood NEXT plasma\*) or ffp or ((blood or concentrat\*) NEAR/2 platelet\*) or Fibrinogen\* or prothrombin\* or thrombocyte\* or "factor XIII" or "factor 13" or "factor VI" or "factor 6" or ((cell or blood) NEAR/2 salvage) or antifibrinoly\* or (tranexamic NEXT acid\*) or (Aminocaproic NEXT acid\*)):ti,ab,kw 55182

#29 #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 63549

#30 #4 and #11 and #29 539

#31 #30 with Publication Year from 2015 to 2021, in Trials 301

**Search 19**

#1 MeSH descriptor: [General Surgery] explode all trees 359

#2 MeSH descriptor: [Surgical Procedures, Operative] explode all trees 122866

#3 MeSH descriptor: [Anesthesia] explode all trees 19853

#4 MeSH descriptor: [] explode all trees and with qualifier(s): [surgery - SU] 60338

#5 (surgery or surgical or anaesth\* or anesth\* or (pre NEXT operat\*) or preop\* or (intra NEXT operat\*) or intraop\* or (peri NEXT operat\*) or periop\* or (post NEXT operat\*) or postop\*):ti,ab,kw 316696

#6 #1 or #2 or #3 or #4 or #5 349927

#7 MeSH descriptor: [Hemorrhage] explode all trees 14887

#8 MeSH descriptor: [Postoperative Hemorrhage] explode all trees 1338

#9 MeSH descriptor: [Blood Loss, Surgical] explode all trees 2716

#10 (bleeding or hemorrhage\* or haemorrhage\* or "blood loss"):ti,ab,kw 71750

#11 #7 or #8 or #9 or #10 73091

#12 MeSH descriptor: [Blood Transfusion] explode all trees 3646

#13 MeSH descriptor: [Blood Coagulation] explode all trees 2394

#14 MeSH descriptor: [Blood Coagulation Factors] explode all trees 10123

#15 MeSH descriptor: [Anticoagulants] explode all trees 4784

#16 MeSH descriptor: [Antifibrinolytic Agents] explode all trees 820

#17 MeSH descriptor: [Plasma] explode all trees 1128

#18 MeSH descriptor: [Blood Platelets] explode all trees 1996

#19 MeSH descriptor: [Fibrinogen] explode all trees 1731

#20 MeSH descriptor: [Prothrombin] explode all trees 386

#21 MeSH descriptor: [Factor XIII] explode all trees 49

#22 MeSH descriptor: [Operative Blood Salvage] explode all trees 47

#23 MeSH descriptor: [Antifibrinolytic Agents] explode all trees 820

#24 MeSH descriptor: [Tranexamic Acid] explode all trees 1177

#25 MeSH descriptor: [Aminocaproic Acid] explode all trees 131

#26 MeSH descriptor: [Antithrombins] explode all trees 938

#27 MeSH descriptor: [Thrombocytopenia] explode all trees 1311

#28 (((blood or massive or plasma or erythrocyte) NEAR/3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or (blood NEXT clot\*) or (factor NEAR/3 concentrate\*) or antiplasmin\* or (Fresh NEXT frozen NEXT plasma\*) or (blood NEXT plasma\*) or ffp or ((blood or concentrat\*) NEAR/2 platelet\*) or Fibrinogen\* or prothrombin\* or thrombocyte\* or "factor XIII" or "factor 13" or "factor VI" or "factor 6" or ((cell or blood) NEAR/2 salvage) or antifibrinoly\* or (tranexamic NEXT acid\*) or (Aminocaproic NEXT acid\*) or "blood management"):ti,ab,kw 55214

#29 #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 63581

#30 #6 and #11 and #29 10976

#31 MeSH descriptor: [Pediatrics] explode all trees 706

#32 MeSH descriptor: [Child] explode all trees 58154

#33 MeSH descriptor: [Adolescent] explode all trees 106667

#34 MeSH descriptor: [Infant] explode all trees 33195

#35 (child\* or pediat\* or paediat\* or neonat\* or newborn\* or infant\* or adolesc\* or preteen\* or teen\* or juvenil\* or youth\* or kid or kids):ti,ab,kw 307263

#36 #31 or #32 or #33 or #34 or #35 307268

#37 #30 and #36 1339

#38 #37 with Publication Year from 2015 to 2021, in Trials 550

**Search 20**

#1 MeSH descriptor: [Perioperative Period] explode all trees 8988

#2 MeSH descriptor: [Intraoperative Period] explode all trees 2740

#3 MeSH descriptor: [Postoperative Period] explode all trees 6109

#4 ((intra NEXT operat\*) or intraop\* or (peri NEXT operat\*) or periop\* or (post NEXT operat\*) or postop\* or peroperat\*):ti,ab,kw 152334

#5 #1 or #2 or #3 or #4 153542

#6 MeSH descriptor: [Hemorrhage] explode all trees 14947

#7 MeSH descriptor: [Postoperative Hemorrhage] explode all trees 1351

#8 MeSH descriptor: [Blood Loss, Surgical] explode all trees 2731

#9 (bleeding or hemorrhage\* or haemorrhage\* or "blood loss"):ti,ab,kw 72108

#10 #6 or #7 or #8 or #9 73452

#11 MeSH descriptor: [Aspirin] explode all trees 6049

#12 MeSH descriptor: [Ticagrelor] explode all trees 812

#13 MeSH descriptor: [Prasugrel Hydrochloride] explode all trees 458

#14 MeSH descriptor: [Clopidogrel] explode all trees 2092

#15 MeSH descriptor: [Platelet Aggregation Inhibitors] explode all trees 4060

#16 MeSH descriptor: [Anticoagulants] explode all trees 4803

#17 MeSH descriptor: [Heparin] explode all trees 4903

#18 MeSH descriptor: [Vitamin K] explode all trees 639

#19 MeSH descriptor: [Rivaroxaban] explode all trees 593

#20 MeSH descriptor: [Dabigatran] explode all trees 328

#21 (aspirin\* or "acetylsalicylic acid" or ticagrelor or prasugrel or clopidogrel or cangrelor or antiplatelet\* or (anti NEXT platelet\*) or anticoagulant\* or (anti NEXT coagulant\*) or heparin or (vitamin NEXT K NEXT antagonist\*) or DOAC\* or apixaban or rivaroxaban or edoxaban or dabigatran or antithrombotic\* or (anti NEXT thrombotic\*) or antithrombocytic\* or (anti NEXT thrombocytic\*)):ti,ab,kw 40752

#22 #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 42063

#23 #5 and #10 and #22 2426

#24 #23 with Publication Year from 2017 to 2021, in Trials 561

**Embase via Ovid**

**Search 1**

Embase <1974 to 2021 June 21>

1 exp surgery/ or exp anesthesia/ 5246466

2 exp perioperative period/ or (periop\* or peri op\* or intraop\* or intra op\* or postop\* or post op\* or pacu or recovery or post an?esth\* or postan?esth\* or ambulatory care).ti,ab. 1664196

3 (bleeding or bleed or blood loss or h?emorrhag\*).ti. 173315

4 1 and 2 and 3 13524

5 exp animal/ not exp human/ 4805065

6 4 not 5 13231

7 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4993289

8 (comment or editorial or letter or case report or case study or case series).ti. 589662

9 7 or 8 5105824

10 6 not 9 9751

11 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11288525

12 10 and 11 4467

13 remove duplicates from 12 4390

**Search 2**

Embase <1974 to 2021 June 21>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4993289

2 (comment or editorial or letter or case report or case study or case series).ti. 589662

3 exp animal/ not exp human/ 4805065

4 1 or 2 or 3 9821624

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11288525

6 (bleeding or blood loss or h?emorrhag\* or coagulation).ti,ab,hw. 1062232

7 (temperature or thermal or hypotherm\* or warming or thermogenesis or pH or acid-base or bicarbonate or calcium or ca2+ or hypocalc?em\*).ti. 444487

8 6 and 7 6907

9 8 not 4 4972

10 5 and 9 1696

11 remove duplicates from 10 1668

**Search 3**

Embase <1974 to 2021 June 21>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4993289

2 (comment or editorial or letter or case report or case study or case series).ti. 589662

3 exp animal/ not exp human/ 4805065

4 1 or 2 or 3 9821624

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11288525

6 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).ti. 175569

7 (ICU or ITU or intensive care or critical care).ti,ab,hw. 439388

8 6 and 7 8410

9 8 not 4 6002

10 5 and 9 2939

11 remove duplicates from 10 2884

**Search 4**

Embase <1974 to 2021 June 22>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4992836

2 (comment or editorial or letter or case report or case study or case series).ti. 590414

3 exp animal/ not exp human/ 4802447

4 1 or 2 or 3 9818751

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11333708

6 ((preop\* or pre operat\*) and an?emia).ti,ab,hw. 8353

7 (iron or autologous or erythropoietin or EPO).ti,ab,hw. 519179

8 6 and 7 2058

9 8 not 4 1699

10 5 and 9 810

11 remove duplicates from 10 795

**Search 5**

Embase <1974 to 2021 June 24>

1 exp surgery/ 5093447

2 exp anesthesia/ 338658

3 (surg\* or anesth\* or anaesth\*).ti,ab. 3061602

4 1 or 2 or 3 6102380

5 exp bleeding/ 965187

6 exp hemostasis/ 75659

7 exp blood transfusion/ 186239

8 exp postoperative complication/ 710236

9 (bleeding or blood loss or hemorrhag\* or haemorrhag\* or coagulopath\* or (blood adj1 transfusion\*)).ti,ab. 768984

10 ((postop\* or post op\*) adj1 complication\*).ti,ab. 116754

11 5 or 6 or 7 or 8 or 9 or 10 1915854

12 4 and 11 1185292

13 exp animal/ not exp human/ 4806459

14 12 not 13 1142461

15 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4995951

16 (comment or editorial or letter or case report or case study or case series).ti. 590144

17 15 or 16 5108575

18 14 not 17 861579

19 18 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 336922

20 (fluid\* or volume or hypovolemi\* or hypovolaemi\* or crystalloid\* or colloid\* or hyperoncotic or hypertonic or albumin or dextran or starch or hydroxyethylstarch or isotonic saline or gelatin or anemi\* or anaemi\* or (tissue adj1 oxygenat\*) or hemoglobin or haemoglobin or acute renal failure or hematocrit or haematocrit or acetate or lactate or vasopress\* or viscosity or osmolarity).ti. 508444

21 (oxygen\* adj2 (supplement\* or inspiratory or delivery or consumption)).ti. 8727

22 (tolerance adj2 (anemia or anaemia)).ti,ab,hw. 169

23 (side effect\* adj2 transfusion).ti,ab,hw. 141

24 ((goal directed or hemodynamic or haemodynamic) adj2 (therapy or treatment)).ti,ab,hw. 4036

25 ((transfusion or hemoglobin or haemoglobin) adj1 (trigger\* or threshold\*)).ti,ab,hw. 2423

26 (critical oxygen delivery or critical hematocrit or critical haematocrit or critical hemoglobin concentration or critical haemoglobin concentration or supply dependency or functional capillary density or glycocalyx or glycocalix or fluid restriction or protocol based fluid).ti,ab,hw. 9028

27 20 or 21 or 22 or 23 or 24 or 25 or 26 529965

28 19 and 27 7886

29 (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 25224179

30 28 not 29 3763

31 remove duplicates from 30 3728

**Search 6**

Embase <1974 to 2021 June 24>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4995951

2 (comment or editorial or letter or case report or case study or case series).ti. 590144

3 exp animal/ not exp human/ 4806459

4 1 or 2 or 3 9825749

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11307900

6 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).ti,ab,hw. 961484

7 (obstetric\* or gyn?ecolog\* or peri-partum or peripartum or post-partum or postpartum or post-natal or postnatal).ti. 128943

8 6 and 7 13669

9 8 not 4 10764

10 5 and 9 4844

11 remove duplicates from 10 4757

**Search 7**

Embase <1974 to 2021 June 25>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4986595

2 (comment or editorial or letter or case report or case study or case series).ti. 589326

3 exp animal/ not exp human/ 4799880

4 1 or 2 or 3 9809831

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11293991

6 (surg\* or an?esth\*).ti,ab,hw. 3913304

7 (Fibrinogen or Prothrombin or von Willebrand or protein C or anti-fibrinolytic\* or tranexamic acid or aprotinin or aminocaproic acid or trasylol or amicar or DDAVP or desmopressin or vitamin K or rFVIIa).ti. 51943

8 ((factor adj1 (XIII or IX or VII\*)) or factor 7).ti. 18712

9 7 or 8 68746

10 6 and 9 9424

11 10 not 4 6999

12 5 and 11 2949

13 remove duplicates from 12 2894

**Search 8**

Embase <1974 to 2021 June 25>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4986595

2 (comment or editorial or letter or case report or case study or case series).ti. 589326

3 exp animal/ not exp human/ 4799880

4 1 or 2 or 3 9809831

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11293991

6 (surg\* or an?esth\*).ti,ab,hw. 3913304

7 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).ti,ab,hw. 960472

8 (hip or knee or spinal surgery or scoliosis surgery or orthop?edic).ti. 186678

9 6 and 7 and 8 6965

10 9 not 4 6202

11 5 and 10 2874

12 remove duplicates from 11 2845

**Search 9**

Embase <1974 to 2021 June 29>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4989165

2 (comment or editorial or letter or case report or case study or case series).ti. 589678

3 exp animal/ not exp human/ 4801066

4 1 or 2 or 3 9813629

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11311545

6 (surg\* or an?esth\*).ti,ab,hw. 3915934

7 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).ti. 175588

8 (liver or hepat\* or prostat\* or pancreat\* or Whipple\* or kidney transplant\* or renal transplant\* or variceal or peptic ulcer).ti,ab,hw. 2793013

9 6 and 7 and 8 8112

10 9 not 4 5417

11 5 and 10 1700

12 remove duplicates from 11 1679

**Search 10**

Embase <1974 to 2021 July 01>

1 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4991717

2 (comment or editorial or letter or case report or case study or case series).ti. 590098

3 exp animal/ not exp human/ 4802019

4 1 or 2 or 3 9817181

5 (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 11326238

6 (surg\* or an?esth\*).ti. 900998

7 (bleeding or blood loss or h?emorrhag\* or coagulopath\*).ti,ab,hw. 961706

8 (heart or cardiac or bypass or coronary or valv\* or cardiopulmonary or vascular or aort\*).ti. 1342184

9 6 and 7 and 8 11836

10 9 not 4 9789

11 5 and 10 3850

12 remove duplicates from 11 3787

**Search 11**

Embase <1974 to 2021 July 01>

1 (periop\* or peri op\* or intraop\* or intra op\* or postop\* or post op\* or PACU or recovery or ambulatory care or an?esth\* or postan?esth\*).ti,ab,hw. 2458977

2 (bleeding or blood loss or blood management or hemorrhag\* or haemorrhag\* or coagulopath\*).ti,ab,hw. 962987

3 "systematic review"/ or exp meta analysis/ or (systematic review or meta-analysis or metaanalysis).ti,ab. 492638

4 1 and 2 and 3 8583

5 exp animal/ not exp human/ 4802019

6 4 not 5 8577

7 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4991717

8 (comment or editorial or letter or case report or case study or case series).ti. 590098

9 7 or 8 5104356

10 6 not 9 8107

11 10 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 5516

12 (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 25197509

13 11 not 12 1822

14 remove duplicates from 13 1807

**Search 12**

Embase <1974 to 2021 July 01>

1 exp surgery/ 5091988

2 peroperative care/ 13587

3 bleeding/ 300498

4 operative blood loss/ 27401

5 postoperative hemorrhage/ 39873

6 (surgery or surgical or preop\* or intraop\* or periop\* or postop\*).ti,ab. 2940819

7 ((pre or intra or peri or post) adj1 operat\*).ti,ab. 226032

8 (hemorrhage or haemorrhage or blood loss or bleeding).ti,ab. 617237

9 "point of care testing"/ 15691

10 point of care.ti,ab. 32657

11 exp anticoagulant agent/ 694687

12 anticoagulant\*.ti. 26417

13 (anticoagulant\* and patient\*).ab. 65730

14 exp anesthesia/ 338469

15 an?esth\*.ti,ab. 494683

16 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 6894612

17 exp animal/ not exp human/ 4802019

18 16 not 17 6282616

19 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4991717

20 (comment or editorial or letter or case report or case study or case series).ti. 590098

21 19 or 20 5104356

22 18 not 21 4741319

23 22 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 1725899

24 exp blood clotting test/ 11947

25 (coagulat\* adj4 (test\* or measur\* or evaluat\* or monitor\* or assay\*)).ti,ab. 17391

26 24 or 25 24572

27 23 and 26 4723

28 (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 25197509

29 27 not 28 2496

30 remove duplicates from 29 2461

**Search 13**

Embase <1974 to 2021 July 01>

1 exp surgery/ 5091988

2 operative blood loss/ 27401

3 bleeding/ 300498

4 ((elective\* or nonemergency or nonurgen\* or nontrauma\* or non emergency or non urgen\* or non trauma\*) adj6 (surg\* or operat\* or procedure\*)).ti,ab. 55920

5 (preop\* or intraop\* or periop\* or pre op\* or intra op\* or peri op\*).ti,ab. 771700

6 (hemorrhage or haemorrhage or blood loss or (bleeding adj6 (surg\* or operat\* or procedure\*))).ti,ab. 358936

7 1 or 2 or 3 or 4 or 5 or 6 5480791

8 exp animal/ not exp human/ 4802019

9 7 not 8 5078386

10 exp juvenile/ not exp adult/ 2303591

11 9 not 10 4704170

12 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4991717

13 (comment or editorial or letter or case report or case study or case series).ti. 590098

14 12 or 13 5104356

15 11 not 14 3557973

16 15 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 1360822

17 16 not (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 701764

18 ((transfus\* or mt or hemorrhage or haemorrhage) adj2 protocol\*).mp. 2283

19 (ratio\* adj2 transfus\*).mp. 1251

20 exp blood component therapy/ and exp practice guideline/ 3234

21 (massive adj2 transfusion).mp. 3711

22 ((red blood cell\* or frozen plasma or platelet\* or rbc or ffp or prbc or plt) adj3 (ratio or ratios or protocol\*)).mp. 11991

23 (blood component\* adj6 (ratio or ratios or protocol\*)).mp. 187

24 exp blood cell/ and exp blood transfusion/ and exp practice guideline/ 776

25 18 or 19 or 20 or 21 or 22 or 23 or 24 20723

26 17 and 25 2584

27 remove duplicates from 26 2557

**Search 14**

Embase <1974 to 2021 July 01>

1 exp surgery/ 5091988

2 operative blood loss/ 27401

3 bleeding/ 300498

4 ((elective\* or nonemergency or nonurgen\* or nontrauma\* or non emergency or non urgen\* or non trauma\*) adj6 (surg\* or operat\* or procedure\*)).ti,ab. 55920

5 (preop\* or intraop\* or periop\* or pre op\* or intra op\* or peri op\*).ti,ab. 771700

6 (hemorrhage or haemorrhage or blood loss or (bleeding adj6 (surg\* or operat\* or procedure\*))).ti,ab. 358936

7 1 or 2 or 3 or 4 or 5 or 6 5480791

8 exp animal/ not exp human/ 4802019

9 7 not 8 5078386

10 exp juvenile/ not exp adult/ 2303591

11 9 not 10 4704170

12 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4991717

13 (comment or editorial or letter or case report or case study or case series).ti. 590098

14 12 or 13 5104356

15 11 not 14 3557973

16 15 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 1360822

17 16 not (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 701764

18 (antithrombin\* adj4 (supplement\* or concentrate\* or therapy or substitution or replacement or administration)).mp. 1297

19 ((at or atiii) adj1 (supplement\* or concentrate\* or therapy or substitution or replacement or administration)).mp. 59746

20 (((recombinant or purified) adj1 antithrombin) or rhat).mp. 441

21 exp antithrombin/ad, dt [Drug Administration, Drug Therapy] 1405

22 exp antithrombin deficiency/dt, th [Drug Therapy, Therapy] 193

23 18 or 19 or 20 or 21 or 22 62454

24 17 and 23 2860

25 remove duplicates from 24 2820

**Search 15**

Embase <1974 to 2021 July 02>

1 exp surgery/ 5092539

2 operative blood loss/ 27497

3 bleeding/ 300477

4 ((elective\* or nonemergency or nonurgen\* or nontrauma\* or non emergency or non urgen\* or non trauma\*) adj6 (surg\* or operat\* or procedure\*)).ti,ab. 55932

5 (preop\* or intraop\* or periop\* or pre op\* or intra op\* or peri op\*).ti,ab. 771602

6 (hemorrhage or haemorrhage or blood loss or (bleeding adj6 (surg\* or operat\* or procedure\*))).ti,ab. 358949

7 1 or 2 or 3 or 4 or 5 or 6 5481272

8 exp animal/ not exp human/ 4801658

9 7 not 8 5078899

10 exp juvenile/ not exp adult/ 2303330

11 9 not 10 4704667

12 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4990849

13 (comment or editorial or letter or case report or case study or case series).ti. 590090

14 12 or 13 5103450

15 11 not 14 3558160

16 15 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 1360979

17 16 not (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 701863

18 ((pulse co adj1 oximet\*) or (pulse adj1 cooximet\*)).mp. 292

19 ((continuous\* or noninvasiv\* or non invasiv\*) adj4 (hemoglobin\* or haemoglobin\*)).mp. 981

20 exp hemoglobin determination/ 23057

21 ((hemoglobin\* or haemoglobin\*) adj4 (measur\* or estimat\* or screen\* or monitor\*)).mp. 16000

22 20 or 21 37042

23 exp oximetry/ 29146

24 (oximet\* or cooximet\*).mp. 35699

25 23 or 24 37723

26 22 and 25 1089

27 sphb.mp. 215

28 ((hemoglobin\* or haemoglobin\*) and (masimo or nbm 200 or orsense or pronto 7)).mp. 390

29 18 or 19 or 20 or 26 or 27 or 28 24476

30 17 and 29 504

31 remove duplicates from 30 498

**Search 16**

Embase <1974 to 2021 July 02>

1 exp surgery/ 5092539

2 operative blood loss/ 27497

3 bleeding/ 300477

4 ((elective\* or nonemergency or nonurgen\* or nontrauma\* or non emergency or non urgen\* or non trauma\*) adj6 (surg\* or operat\* or procedure\*)).ti,ab. 55932

5 (preop\* or intraop\* or periop\* or pre op\* or intra op\* or peri op\*).ti,ab. 771602

6 (hemorrhage or haemorrhage or blood loss or (bleeding adj6 (surg\* or operat\* or procedure\*))).ti,ab. 358949

7 1 or 2 or 3 or 4 or 5 or 6 5481272

8 exp animal/ not exp human/ 4801658

9 7 not 8 5078899

10 exp juvenile/ not exp adult/ 2303330

11 9 not 10 4704667

12 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4990849

13 (comment or editorial or letter or case report or case study or case series).ti. 590090

14 12 or 13 5103450

15 11 not 14 3558160

16 15 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 1360979

17 16 not (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 701863

18 exp hemodilution/ 8047

19 ((normovol\* or isovol\*) adj6 (hemodilut\* or anemia or haemodilut\* or anaemia)).mp. 2173

20 18 or 19 8524

21 17 and 20 295

22 remove duplicates from 21 291

**Search 17**

Embase <1974 to 2021 July 02>

1 operative blood loss/ 27497

2 bleeding/ 300477

3 (h?emorrhage or blood loss or bleeding or bleed).ab,ti. 624403

4 1 or 2 or 3 714902

5 exp surgery/ or exp anesthesia/ or su.fs. 5648543

6 (surgery or surgical or an?esth\* or pre operat\* or preop\* or intra operat\* or intraop\* or peri operat\* or periop\* or post operat\* or postop\*).ti,ab. 3294490

7 5 or 6 6352766

8 coronavirinae/ 3244

9 coronaviridae infection/ 190

10 coronavirus disease 2019/ 126484

11 (coronavirus or corona virus or covid or covid2019 or covid19 or SARS2 or SARS-CoV-2 or SARS-CoV-19 or severe acute respiratory pneumonia outbreak or novel cov or 2019ncov or sars cov2 or cov22 or ncov or coronaviridae).mp. 177694

12 8 or 9 or 10 or 11 178129

13 4 and 7 and 12 722

14 exp animal/ not exp human/ 4801658

15 exp juvenile/ not exp adult/ 2303330

16 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 4990849

17 (comment or editorial or letter or case report or case study or case series).ti. 590090

18 14 or 15 or 16 or 17 11404609

19 13 not 18 398

20 19 and (20191\* or 2020\* or 2021\*).dc,dp. 392

21 remove duplicates from 19 391

**Search 18**

Embase <1974 to 2021 August 03>

1 exp neurosurgery/ 269714

2 (neurosurg\* or ((neurolog\* or nerve\* or spine or spinal) adj3 (surg\* or operat\* or procedur\*))).ti,ab. 132211

3 1 or 2 346525

4 exp bleeding/ or exp anemia/ 1293347

5 (bleeding or h?emorrhage\* or blood loss or an?emi\* or (surg\* adj2 h?emostasis)).ti,ab. 834243

6 4 or 5 1468990

7 exp blood transfusion/ or exp blood clotting/ or exp blood clotting factor/ or anticoagulant agent/ or antifibrinolytic agent/ or exp plasma/ or exp thrombocyte/ or blood salvage/ or tranexamic acid/ or aminocaproic acid/ or antithrombin/ or plasma transfusion/ or erythrocyte transfusion/ or fresh frozen plasma/ 905572

8 (((blood or massive or plasma or erythrocyte) adj3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or blood clot\* or (factor adj3 concentrate\*) or antiplasmin\* or fresh frozen plasma\* or blood plasma\* or ffp or ((blood or concentrat\*) adj2 platelet\*) or fibrinogen\* or prothrombin\* or thrombocyte\* or factor XIII or factor 13 or factor VI\* or factor 6 or ((cell or blood) adj2 salvage) or antifibrinoly\* or tranexamic acid\* or aminocaproic acid\*).ti,ab. 543852

9 7 or 8 1106109

10 3 and 6 and 9 8293

11 exp animal/ not exp human/ 4813658

12 exp juvenile/ not exp adult/ 2311781

13 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 5008241

14 (comment or editorial or letter or case report or case study or case series).ti. 593939

15 11 or 12 or 13 or 14 11440785

16 10 not 15 4986

17 16 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 2429

18 remove duplicates from 17 2387

**Search 19**

Embase <1974 to 2021 August 03>

1 exp surgery/ or exp anesthesia/ or su.fs. 5674098

2 (surgery or surgical or an?esth\* or pre operat\* or preop\* or intra operat\* or intraop\* or peri operat\* or periop\* or post operat\* or postop\*).ti,ab. 3309939

3 1 or 2 6380774

4 bleeding/ or operative blood loss/ 328210

5 (bleeding or h?emorrhage\* or blood loss).ti,ab. 636440

6 4 or 5 724511

7 exp blood transfusion/ or exp blood clotting/ or exp blood clotting factor/ or anticoagulant agent/ or antifibrinolytic agent/ or exp plasma/ or exp thrombocyte/ or blood salvage/ or tranexamic acid/ or aminocaproic acid/ or antithrombin/ or plasma transfusion/ or erythrocyte transfusion/ or fresh frozen plasma/ 905572

8 (((blood or massive or plasma or erythrocyte) adj3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or blood clot\* or (factor adj3 concentrate\*) or antiplasmin\* or fresh frozen plasma\* or blood plasma\* or ffp or ((blood or concentrat\*) adj2 platelet\*) or fibrinogen\* or prothrombin\* or thrombocyte\* or factor XIII or factor 13 or factor VI\* or factor 6 or ((cell or blood) adj2 salvage) or antifibrinoly\* or tranexamic acid\* or aminocaproic acid\* or blood management).ti,ab. 544612

9 7 or 8 1106500

10 exp adolescent/ or exp child/ 3550866

11 (child\* or p?ediat\* or neonat\* or newborn\* or infant\* or adolesc\* or preteen\* or teen\* or juvenil\* or youth\* or kid or kids).ti,ab. 2991683

12 10 or 11 4424371

13 3 and 6 and 9 and 12 14571

14 exp animal/ not exp human/ 4813658

15 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 5008241

16 (comment or editorial or letter or case report or case study or case series).ti. 593939

17 14 or 15 or 16 9845787

18 13 not 17 10676

19 18 and (2015\* or 2016\* or 2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 4390

20 remove duplicates from 19 4328

**Search 20**  
  
Embase <1974 to 2021 September 03>

1 perioperative period/ or exp postoperative period/ or exp intraoperative period/ 743061

2 (intra operat\* or intraop\* or peri operat\* or periop\* or post operat\* or postop\* or peroperat\*).ti,ab. 1093902

3 1 or 2 1466399

4 bleeding/ or operative blood loss/ 330101

5 (bleeding or h?emorrhage\* or blood loss).ti,ab. 639809

6 4 or 5 728507

7 acetylsalicylic acid/ or ticagrelor/ or prasugrel/ or clopidogrel/ or cangrelor/ or antithrombocytic agent/ or anticoagulant agent/ or heparin/ or exp vitamin K group/ or rivaroxaban/ or dabigatran/ 488889

8 (aspirin\* or acetylsalicylic acid or ticagrelor or prasugrel or clopidogrel or cangrelor or antiplatelet\* or anti platelet\* or anticoagulant\* or anti coagulant\* or heparin or vitamin K antagonist\* or DOAC\* or apixaban or rivaroxaban or edoxaban or dabigatran or antithrombotic\* or anti thrombotic\* or antithrombocytic\* or anti thrombocytic\*).ti,ab. 326174

9 7 or 8 581555

10 3 and 6 and 9 18112

11 exp animal/ not exp human/ 4829283

12 exp juvenile/ not exp adult/ 2321626

13 exp case report/ or exp case study/ or exp note/ or exp editorial/ or exp letter/ 5028106

14 (comment or editorial or letter or case report or case study or case series).ti. 597932

15 11 or 12 or 13 or 14 11483915

16 10 not 15 14230

17 16 and (2017\* or 2018\* or 2019\* or 2020\* or 2021\*).dc,dp. 4495

18 (1\* or 2\* or 3\* or 4\* or 5\* or 6\* or 7\* or 8\* or 9\*).pm. 25375489

19 17 not 18 1814

20 remove duplicates from 19 1781

**Web of Science/Biosis**

**Search 1**  
Not necessary, since Web of Science doesn’t use subject headings.

**Search 2**

|  |  |  |
| --- | --- | --- |
| # 7 | [**1,962**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=C5YbycxaWhOGSNZbrN9&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #3 not #6  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 6 | [**1,613,315**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=C5YbycxaWhOGSNZbrN9&search_mode=CombineSearches&update_back2search_link_param=yes) | #5 OR #4  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 5 | [**314,444**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=C5YbycxaWhOGSNZbrN9&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 4 | [**1,308,472**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=C5YbycxaWhOGSNZbrN9&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 3 | [**2,339**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=C5YbycxaWhOGSNZbrN9&search_mode=CombineSearches&update_back2search_link_param=yes) | #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 2 | [**420,565**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=C5YbycxaWhOGSNZbrN9&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(temperature OR thermal OR hypotherm\* OR warming OR thermogenesis OR pH OR "acid-base" OR bicarbonate OR calcium OR "ca2+" OR hypocalcem\* OR hypocalcaem\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 1 | [**244,682**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=C5YbycxaWhOGSNZbrN9&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(bleeding OR "blood loss" OR hemorrhag\* OR haemorrhag\* OR coagulation)  *Databases= WOS, BIOSIS Timespan=2015-2021* |

**Search 3**

|  |  |  |
| --- | --- | --- |
| # 7 | [**1,810**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=C3dFGfy9fTeJGE64Ijr&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #3 not #6  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 6 | [**1,613,315**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=C3dFGfy9fTeJGE64Ijr&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #5 OR #4  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 5 | [**314,444**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=C3dFGfy9fTeJGE64Ijr&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 4 | [**1,308,472**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=C3dFGfy9fTeJGE64Ijr&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 3 | [**1,910**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=C3dFGfy9fTeJGE64Ijr&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 2 | [**114,894**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=C3dFGfy9fTeJGE64Ijr&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(ICU OR ITU OR "intensive care" OR "critical care")  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 1 | [**50,930**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=C3dFGfy9fTeJGE64Ijr&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(bleeding OR "blood loss" OR hemorrhag\* OR haemorrhag\* OR coagulopath\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |

**Search 4**

|  |  |  |
| --- | --- | --- |
| # 7 | [**615**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=C2KVaZ2yZmeBOfQZwZ1&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #3 not #6  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 6 | [**1,613,315**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=C2KVaZ2yZmeBOfQZwZ1&search_mode=CombineSearches&update_back2search_link_param=yes) | #5 OR #4  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 5 | [**314,444**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=C2KVaZ2yZmeBOfQZwZ1&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 4 | [**1,308,472**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=C2KVaZ2yZmeBOfQZwZ1&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 3 | [**627**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=C2KVaZ2yZmeBOfQZwZ1&search_mode=CombineSearches&update_back2search_link_param=yes) | #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 2 | [**331,139**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=C2KVaZ2yZmeBOfQZwZ1&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(iron OR autologous OR erythropoietin OR EPO)  *Databases= WOS, BIOSIS Timespan=2015-2021* |
| # 1 | [**2,156**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=C2KVaZ2yZmeBOfQZwZ1&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((preop\* or “pre operat\*”) AND (anemia OR anaemia) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |

**Search 5**

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| # 18 | [**4,330**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=18&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #14 not #17  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 17 | [**1,617,042**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=17&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #16 OR #15  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 16 | [**314,883**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=16&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 15 | [**1,311,792**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=15&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 14 | [**4,662**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=14&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #13 AND #5  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 13 | [**249,386**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=13&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #12 OR #11 OR #10 OR #9 OR #8 OR #7 OR #6  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 12 | [**829**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=12&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((transfusion OR hemoglobin OR haemoglobin) NEAR/1 (trigger\* OR threshold\*) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 11 | [**703**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=11&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=("critical oxygen delivery" OR "critical hematocrit" OR "critical haematocrit" OR "critical hemoglobin concentration" OR "critical haemoglobin concentration" OR "supply dependency" OR "functional capillary density" OR glycocalix OR "fluid restriction" OR "protocol based fluid")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 10 | [**2,043**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=10&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(("goal directed" OR hemodynamic OR haemodynamic) NEAR/2 (therapy OR treatment) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 9 | [**39**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=9&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(("side effect" OR "side effects") NEAR/2 transfusion)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 8 | [**42**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=8&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(tolerance NEAR/2 (anemia OR anaemia) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**2,001**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(oxygen\* NEAR/2 (supplement\* OR inspiratory OR delivery OR consumption) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**244,678**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(fluid\* OR volume OR hypovolemi\* OR hypovolaemi\* OR crystalloid\* OR colloid\* OR hyperoncotic OR hypertonic OR albumin OR dextran OR starch OR hydroxyethylstarch OR isotonic saline OR gelatin OR anemi\* OR anaemi\* OR (tissue NEAR/1 oxygenat\*) OR hemoglobin OR haemoglobin OR "acute renal failure" OR haematocrit OR hematocrit OR acetate OR lactate OR vasopress\* OR viscosity OR osmolarity)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**160,364**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #4 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**312,178**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #3 OR #2  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**104,250**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((postop\* OR "post operat\*") NEAR/1 complication\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**225,062**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(bleeding OR "blood loss" OR hemorrhag\* OR haemorrhag\* OR coagulopath\*) OR TS=(blood NEAR/1 transfusion\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**1,190,246**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=F5miatoF8xpWHOVCXsn&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(surg\* OR anesth\* OR anaesth\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 6**

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| # 7 | [**3,374**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=F5JDGDZvOdnF2sCC8dw&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #3 not #6  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**1,617,042**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=F5JDGDZvOdnF2sCC8dw&search_mode=CombineSearches&update_back2search_link_param=yes) | #5 OR #4  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**314,883**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=F5JDGDZvOdnF2sCC8dw&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**1,311,792**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=F5JDGDZvOdnF2sCC8dw&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**3,518**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=F5JDGDZvOdnF2sCC8dw&search_mode=CombineSearches&update_back2search_link_param=yes) | #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**37,382**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=F5JDGDZvOdnF2sCC8dw&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(obstetric\* OR gynecolog\* OR gynaecolog\* OR peri-partum OR peripartum OR post-partum OR postpartum OR post-natal OR postnatal)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**208,514**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=F5JDGDZvOdnF2sCC8dw&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(bleeding OR "blood loss" OR hemorrhag\* OR haemorrhag\* OR coagulopath\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 7**

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| # 9 | [**2,740**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=9&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #5 not #8  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 8 | [**1,619,549**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=8&SID=D4vIEp476Y3hlSBPpcT&search_mode=CombineSearches&update_back2search_link_param=yes) | #7 OR #6  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**315,925**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**1,313,270**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**2,929**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=D4vIEp476Y3hlSBPpcT&search_mode=CombineSearches&update_back2search_link_param=yes) | #4 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**15,622**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=D4vIEp476Y3hlSBPpcT&search_mode=CombineSearches&update_back2search_link_param=yes) | #3 OR #2  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**3,423**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(factor NEAR/1 (XIII OR IX OR VII\* OR 7) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**12,493**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(Fibrinogen OR Prothrombin OR "von Willebrand" OR "protein C" OR anti-fibrinolytic\* OR tranexamic acid OR aprotinin OR "aminocaproic acid" OR trasylol OR amicar OR DDAVP OR desmopressin OR "vitamin K" OR rFVIIa)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**1,193,851**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(surg\* OR anesth\* OR anaesth\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 8**

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| # 8 | [**2,353**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=23&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #4 not #7  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**1,619,549**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=22&SID=D4vIEp476Y3hlSBPpcT&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**315,925**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=21&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**1,313,270**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=20&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**2,423**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=19&SID=D4vIEp476Y3hlSBPpcT&search_mode=CombineSearches&update_back2search_link_param=yes) | #3 AND #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**69,355**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=18&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(hip OR knee OR spinal surgery OR scoliosis surgery OR orthopedic OR orthopaedic)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**209,059**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=17&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(bleeding OR "blood loss" OR hemorrhag\* OR haemorrhag\* OR coagulopath\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**1,193,851**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=16&SID=D4vIEp476Y3hlSBPpcT&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(surg\* OR anesth\* OR anaesth\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 9**

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| # 8 | [**1,420**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=8&SID=E2xByRpkGpArRkKedWW&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #4 not #7  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**1,619,828**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=E2xByRpkGpArRkKedWW&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**316,038**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=E2xByRpkGpArRkKedWW&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**1,313,438**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=E2xByRpkGpArRkKedWW&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**1,659**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=E2xByRpkGpArRkKedWW&search_mode=CombineSearches&update_back2search_link_param=yes) | #3 AND #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**764,245**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=E2xByRpkGpArRkKedWW&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS= (liver OR hepat\* OR prostat\* OR pancreat\* OR Whipple\* OR ((kidney OR renal) NEAR/1 transplant\*) OR variceal OR "peptic ulcer")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**51,141**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=E2xByRpkGpArRkKedWW&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(bleeding OR "blood loss" OR hemorrhag\* OR haemorrhag\* OR coagulopath\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**1,194,368**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=E2xByRpkGpArRkKedWW&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(surg\* OR anesth\* OR anaesth\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
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**Search 10**

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| # 8 | [**5,697**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=8&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #4 not #7  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**1,621,133**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=C5mHt55eaLaD3jv2u4a&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**316,535**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**1,314,253**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**6,010**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=C5mHt55eaLaD3jv2u4a&search_mode=CombineSearches&update_back2search_link_param=yes) | #3 AND #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**1,775,513**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(heart OR cardiac OR bypass OR coronary OR valv\* OR cardiopulmonary OR vascular OR aort\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**209,494**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(bleeding OR "blood loss" OR hemorrhag\* OR haemorrhag\* OR coagulopath\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**263,604**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(surg\* OR anesth\* OR anaesth\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 11**

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| # 8 | [**4,981**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=28&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #4 not #7  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**1,621,133**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=27&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #6 OR #5  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**316,535**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=26&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**1,314,253**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=25&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**5,045**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=24&SID=C5mHt55eaLaD3jv2u4a&search_mode=CombineSearches&update_back2search_link_param=yes) | #3 AND #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**343,628**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=23&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=("systematic review" OR meta-analysis OR metaanalysis)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**210,230**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=22&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(bleeding OR "blood loss" OR "blood management" OR h$emorrhag\* OR coagulopath\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**821,744**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=21&SID=C5mHt55eaLaD3jv2u4a&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(perioperative OR peri-operative OR intraoperative OR intra-operative OR postoperative OR post-operative OR PACU OR recovery OR post-an$esth\* OR "ambulatory care" OR anesth\* OR anaesth\* OR postan$esth\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 12**

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| # 15 | [**3,395**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=15&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #11 not #14  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 14 | [**1,621,452**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=14&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #13 OR #12  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 13 | [**316,618**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=13&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 12 | [**1,314,490**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=12&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 11 | [**3,731**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=11&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #10 AND #9  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 10 | [**6,688**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=10&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS= (coagulat\* NEAR/4 (test\* or measur\* or evaluat\* or monitor\* or assay\*) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 9 | [**1,159,284**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=9&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #8 OR #7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 8 | [**118,772**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=8&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(anesth\* or anaesth\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**32,402**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(anticoagulant\* SAME patient\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**9,293**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(anticoagulant\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**22,514**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=("point of care")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**181,989**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(hemorrhage OR haemorrhage OR "blood loss" OR bleeding)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**27,529**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((pre OR intra OR peri) NEAR/1 operat\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**214,320**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(preop\* OR intraop\* OR periop\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**887,424**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(surgery)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 13**

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| # 14 | [**2,029**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=36&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #13 AND #12  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 13 | [**7,342**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=35&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((transfus\* OR mt OR hemorrhage OR haemorrhage) NEAR/2 protocol\*) OR TS=(ratio\* NEAR/2 transfus\*) OR TS=(("red blood cell" OR "red blood cells" OR "frozen plasma" OR platelet\* OR rbc OR ffp OR prbc OR plt) NEAR/3 (ratio OR ratios OR protocol\*) ) OR TS=(("blood component" OR "blood components") NEAR/6 (ratio OR ratios OR protocol\*) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 12 | [**464,249**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=34&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #7 NOT #11  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 11 | [**2,347,510**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=33&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #10 OR #9 OR #8  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 10 | [**316,616**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=32&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 9 | [**1,314,484**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=31&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 8 | [**753,167**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=30&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((child\* OR pediatr\* OR paediatr\* OR adolesc\*) NOT (adult\* OR elderly\* or "old age") )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**529,587**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=29&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5 OR #4 OR #3 OR #2 OR #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**221,383**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=28&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(surgery OR surgical)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**130,643**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=27&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((hemorrhage OR haemorrhage OR "blood loss")) OR TS=((bleeding NEAR/6 (surg\* OR operat\* OR procedure\*) ))  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**27,529**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=26&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((pre OR intra OR peri) NEAR/1 operat\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**214,320**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=25&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(preop\* OR intraop\* OR periop\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**5,614**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=24&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(non NEAR/1 (emergency OR urgen\* OR trauma\*) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**39,346**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=23&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(elective\* OR nonemergency OR nonurgen\* OR nontrauma\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 14**

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| # 14 | [**44**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=55&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #13 AND #12  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 13 | [**306**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=54&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(antithrombin\* NEAR/4 (supplement\* OR concentrate\* OR therapy OR substitution OR replacement OR administration) ) OR TS=((recombinant OR purified) NEAR/1 antithrombin\*) OR TS=(rhat) OR TS=(atiii NEAR/1 (supplement\* OR concentrate\* OR therapy OR substitut\* OR replacement OR administration) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 12 | [**464,249**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=53&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #7 NOT #11  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 11 | [**2,347,510**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=52&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #10 OR #9 OR #8  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 10 | [**316,616**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=51&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 9 | [**1,314,484**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=50&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 8 | [**753,167**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=49&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((child\* OR pediatr\* OR paediatr\* OR adolesc\*) NOT (adult\* OR elderly\* or "old age") )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**529,587**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=48&SID=D47eULY11eTthGbJ5lK&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5 OR #4 OR #3 OR #2 OR #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**221,383**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=47&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(surgery OR surgical)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**130,643**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=46&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((hemorrhage OR haemorrhage OR "blood loss")) OR TS=((bleeding NEAR/6 (surg\* OR operat\* OR procedure\*) ))  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**27,529**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=45&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((pre OR intra OR peri) NEAR/1 operat\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**214,320**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=44&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(preop\* OR intraop\* OR periop\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**5,614**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=43&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(non NEAR/1 (emergency OR urgen\* OR trauma\*) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**39,346**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=42&SID=D47eULY11eTthGbJ5lK&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(elective\* OR nonemergency OR nonurgen\* OR nontrauma\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 15**

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| --- | --- | --- | --- | --- |
| # 14 | [**98**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=14&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #13 AND #12  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 13 | [**591**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=13&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(atiii NEAR/1 (supplement\* OR concentrate\* OR therapy OR substitution OR replacement OR administration) ) OR TS=((continuous\* OR noninvasiv\* OR non-invasiv\*) NEAR/4 (hemoglobin\* OR haemoglobin\*) ) OR TS=(((hemoglobin\* OR haemoglobin\*) NEAR/4 (measur\* OR estimat\* OR screen\* OR monitor\*) ) AND (oximet\* OR cooximet\*) ) OR TS=(sphb) OR TS=((hemoglobin\* OR haemoglobin\*) AND (masimo OR "nbm 200" OR orsense OR "pronto 7") )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 12 | [**465,133**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=12&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #7 NOT #11  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 11 | [**2,349,868**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=11&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #10 OR #9 OR #8  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 10 | [**317,065**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=10&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 9 | [**1,315,271**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=9&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 8 | [**754,343**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=8&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((child\* OR pediatr\* OR paediatr\* OR adolesc\*) NOT (adult\* OR elderly\* or "old age") )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**530,613**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=7&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5 OR #4 OR #3 OR #2 OR #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**221,776**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=6&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(surgery OR surgical)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**130,877**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=5&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((hemorrhage OR haemorrhage OR "blood loss")) OR TS=((bleeding NEAR/6 (surg\* OR operat\* OR procedure\*) ))  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**27,586**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=4&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((pre OR intra OR peri) NEAR/1 operat\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**214,817**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=3&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(preop\* OR intraop\* OR periop\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**5,618**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=2&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(non NEAR/1 (emergency OR urgen\* OR trauma\*) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**39,413**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=1&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(elective\* OR nonemergency OR nonurgen\* OR nontrauma\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**Search 16**

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| # 14 | [**150**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=29&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #13 AND #12  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 13 | [**274**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=28&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((normovol\* OR isovol\*) NEAR/6 (hemodilut\* OR anemia OR haemodilut\* OR anaemia) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 12 | [**465,133**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=27&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #7 NOT #11  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 11 | [**2,349,868**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=26&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #10 OR #9 OR #8  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 10 | [**317,065**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=25&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 9 | [**1,315,271**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=24&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 8 | [**754,343**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=23&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((child\* OR pediatr\* OR paediatr\* OR adolesc\*) NOT (adult\* OR elderly\* or "old age") )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**530,613**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=22&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5 OR #4 OR #3 OR #2 OR #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**221,776**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=21&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(surgery OR surgical)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**130,877**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=20&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((hemorrhage OR haemorrhage OR "blood loss")) OR TS=((bleeding NEAR/6 (surg\* OR operat\* OR procedure\*) ))  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**27,586**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=19&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((pre OR intra OR peri) NEAR/1 operat\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**214,817**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=18&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(preop\* OR intraop\* OR periop\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**5,618**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=17&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(non NEAR/1 (emergency OR urgen\* OR trauma\*) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**39,413**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=16&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(elective\* OR nonemergency OR nonurgen\* OR nontrauma\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
|  |  |  |  |  |

**Search 17**

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| # 8 | [**191**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=50&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | #4 not #7  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 7 | [**1,622,676**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=49&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #6 OR #5  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 6 | [**317,065**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=48&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TI=(comment or editorial or letter or "case report" or "case study")  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 5 | [**1,315,271**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=47&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=((animal or animals) not (human or humans) )  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 4 | [**213**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=46&SID=E6dFuC1mhmsbQTsqsI6&search_mode=CombineSearches&update_back2search_link_param=yes) | #3 AND #2 AND #1  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 3 | [**1,172,244**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=45&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(surgery or surgical or anesth\* or anaesth\* or "pre operat\*" or preop\* or "intra operat\*" or intraop\* or "peri operat\*" or periop\* or "post operat\*" or postop\*)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 2 | [**164,180**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=44&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(coronavirus or "corona virus" or covid or covid2019 or covid19 or SARS2 or SARS-CoV-2 or SARS-CoV-19 or "severe acute respiratory pneumonia outbreak" or "novel cov" or 2019ncov or "sars cov2" or cov22 or ncov or coronaviridae)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |
| # 1 | [**182,307**](https://apps-webofknowledge-com.ep.fjernadgang.kb.dk/summary.do?product=UA&doc=1&qid=43&SID=E6dFuC1mhmsbQTsqsI6&search_mode=AdvancedSearch&update_back2search_link_param=yes) | TS=(haemorrhage or hemorrhage or "blood loss" or bleeding or bleed)  *Databases= WOS, BIOSIS Timespan=2015-2021* |  |  |

**(New interface in July 2021)**

**Search 18**

9

#8 Timespan=2015-2021

[1,157](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/af9bd87b-b4d5-4a6c-9458-572c0d89c857-03381cb0/relevance/1)

8

(#4) NOT #7

[2,462](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/42ee37c2-56d3-4722-a1ab-be4253aafbf6-033809e9/relevance/1)

7

(#5) OR #6

[9,879,750](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/1da597fa-559a-49a4-b17d-801c34ba3a99-033806d6/relevance/1)

6

TI=(comment or editorial or letter or "case report" or "case study")

[896,249](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/22b27f0b-7c4e-48d0-881e-291b4cfab0d0-03380483/relevance/1)

5

TS=((animal or animals) not (human or humans) )

[9,015,217](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/7d1c8ed4-0a50-496b-866e-c4b9149acf07-033802aa/relevance/1)

4

((#1) AND #2) AND #3

[2,583](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/bc595a37-ea97-4aa9-a858-8f7e18997311-0337fc39/relevance/1)

3

TS=(((blood or massive or plasma or erythrocyte) NEAR/3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or "blood clot\*" or (factor NEAR/3 concentrate\*) or antiplasmin\* or "Fresh frozen plasma\*" or "blood plasma\*" or ffp or ((blood or concentrat\*) NEAR/2 platelet\*) or Fibrinogen\* or prothrombin\* or thrombocyte\* or “factor XIII” or “factor 13” or “factor VI” or “factor 6” or ((cell or blood) NEAR/2 salvage) or antifibrinoly\* or "tranexamic acid\*" or "Aminocaproic acid\*")

[822,089](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/7999567f-4258-4c60-980d-a3b037dbe1b8-0337fa00/relevance/1)

2

TS=(bleeding or hemorrhage\* or haemorrhage\* or "blood loss" or anaemi\* or anemi\* or (surg\* NEAR/2 (haemostasis or hemostasis)))

[855,214](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/7dfeff99-0897-4753-a90f-d3b8c0c5eab2-0337f73e/relevance/1)

1

TS=(neurosurg\* or ((neurological or nerve\* or spine or spinal) NEAR/3 (surg\* or operat\* or procedur\*)))

[139,064](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/9b5c7981-0d23-458d-a066-347a0c59c794-0337ef1d/relevance/1)

**Search 19**

11

#10 Timespan=2015-2021

[2,630](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/01be37ae-e0ec-4b96-8e2c-6ff310e17583-03393f31/relevance/1)

10

(#8) AND #9

[8,752](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/0f819f7f-a307-462f-b3de-d138f120401b-033930ea/relevance/1)

9

TS=(child\* or paediat\* or pediat\* or neonat\* or newborn\* or infant\* or adolesc\* or preteen\* or teen\* or juvenil\* or youth\* or kid or kids)

[5,619,465](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/ea6cd2b9-db13-47cd-8a9d-17bd3002d1c5-03392e80/relevance/1)

8

(#4) NOT #7

[48,937](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/6b020901-3ff7-4165-b1f2-40aa8101e2a7-03392c43/relevance/1)

7

(#5) OR #6

[9,879,750](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/39f7940d-37ff-4366-a6dc-bb91d9a08bf0-03392a21/relevance/1)

6

TI=(comment or editorial or letter or "case report" or "case study")

[896,249](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/5c83ba3a-a8a6-4ab8-8d8e-28e75ac34b8b-0339278c/relevance/1)

5

TS=((animal or animals) not (human or humans) )

[9,015,217](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/a5735cc3-2175-44ce-829e-1effc10cce2f-033924f2/relevance/1)

4

((#1) AND #2) AND #3

[52,274](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/dd979612-5254-4008-8ab3-9ed775f9fdf5-0339226a/relevance/1)

3

TS=(((blood or massive or plasma or erythrocyte) NEAR/3 transfusion\*) or coagulation\* or anticoagula\* or antithromb\* or "blood clot\*" or (factor NEAR/3 concentrate\*) or antiplasmin\* or "Fresh frozen plasma\*" or "blood plasma\*" or ffp or ((blood or concentrat\*) NEAR/2 platelet\*) or Fibrinogen\* or prothrombin\* or thrombocyte\* or “factor XIII” or “factor 13” or “factor VI” or “factor 6” or ((cell or blood) NEAR/2 salvage) or antifibrinoly\* or "tranexamic acid\*" or "Aminocaproic acid\*" or blood management”)

[822,967](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/a2a95105-ba35-496c-8db7-ce0f9821eadf-03391f56/relevance/1)

2

TS=(bleeding or hemorrhage\* or haemorrhage\* or "blood loss")

[598,424](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/279b560b-7e25-4a6b-8910-1e8b01efd09a-03391bf8/relevance/1)

1

TS=(surgery or surgical or anaesth\* or anesth\* or "pre operat\*" or preop\* or "intra operat\*" or intraop\* or "peri operat\*" or periop\* or "post operat\*" or postop\*)

[4,289,805](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/bae94ac1-0f36-4f74-a417-f71f511b89da-0339183c/relevance/1)

**Search 20**

#6 Timespan=2017-2021

[2,797](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/b1b4f1b5-ae9f-4a49-83a7-a8e1e7e2c875-070e5808/relevance/1)

6

#4 not #5

[10,221](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/cdec96d8-62b5-4160-9099-bbe4d655dd92-070e5228/relevance/1)

5

TS=((animal or animals) not (human or humans) ) or TI=(comment or editorial or letter or "case report" or "case study")

[9,911,920](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/a49530ce-4335-4c8a-8a80-87cc343857e7-070e4ffc/relevance/1)

4

#1 AND #2 AND #3

[10,589](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/56d5e409-3c79-44eb-8f7f-0819dad5a088-070e4cf2/relevance/1)

3

TS=(aspirin\* or "acetylsalicylic acid" or ticagrelor or prasugrel or clopidogrel or cangrelor or antiplatelet\* or "anti platelet\*" or anticoagulant\* or "anti coagulant\*" or heparin or "vitamin K antagonist\*" or DOAC\* or apixaban or rivaroxaban or edoxaban or dabigatran or antithrombotic\* or "anti thrombotic\*" or antithrombocytic\* or "anti thrombocytic\*")

[415,310](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/ab3893f6-5843-41f8-b3d2-97d20be37420-070e4af7/relevance/1)

2

TS=(bleeding or hemorrhage\* or haemorrhage\* or "blood loss")

[602,013](https://www-webofscience-com.ep.fjernadgang.kb.dk/wos/alldb/summary/b6c3cf5a-5de7-4796-a889-5f5d300d8002-070e495b/relevance/1)

1

TS=("intra operat\*" or intraop\* or "peri operat\*" or periop\* or "post operat\*" or postop\* or peroperat\*)