

Supplemental file 2. Search strategies**MEDLINE (Ovid)**

- 1 exp Traumatology/
- 2 exp "Wounds and Injuries"/
- 3 1 or 2
- 4 exp Spleen/
- 5 exp Splenic artery/
- 6 4 or 5
- 7 3 and 6
- 8 exp SPLEEN/in [Injuries]
- 9 exp Abdominal Injuries/
- 10 (spleen or splenic).ab,ti.
- 11 9 and 10
- 12 7 or 8 or 11
- 13 exp Radiology, interventional/
- 14 exp Endovascular Procedures/
- 15 exp Embolization, therapeutic/
- 16 13 or 14 or 15
- 17 12 and 16
- 18 ((trauma\$ or injur\$ or h?emorrhag\$ or exsanguinat\$ or disruption\$) adj3 (spleen or splenic) adj12 (interventional radiol\$ or emboli#ation or angioemboli#ation or (non-operative or nonoperative) or (non-surgi\$ or nonsurgi\$)).ab,ti.
- 19 (((trauma\$ or injur\$ or h?emorrhag\$ or exsanguinat\$ or disruption\$) adj3 abdom\$ adj12 (interventional radiol\$ or emboli#ation or angioemboli#ation or (non-operative or nonoperative) or (non-surgi\$ or nonsurgi\$)) and (spleen or splenic)).ab,ti.
- 20 17 or 18 or 19
- 21 exp Animals/
- 22 exp Humans/
- 23 21 not 22
- 24 20 not 23

EMBASE (Proquest)

- S1 (EMB("spleen injury"))
- S2 (EMB("spleen rupture"))
- S3 S1 OR S2
- S4 (EMB(artificial p/2 emboli*))
- S5 (EMB.EXPLODE("interventional radiology"))
- S6 (EMB.EXPLODE("endovascular surgery"))

- S7 S4 OR S5 OR S6
 S8 S3 AND S7
 S9 (TI,AB((trauma* or injur* or h[*1]emorrhag* or exsanguinat* or disruption*) n/3 (spleen or splenic) n/12 ("interventional radiol*" or emboli?ation or angioemboli?ation or (non-operative or nonoperative) or (non-surg* or nonsurg*))))
 S10 (TI,AB(((trauma* or injur* or h[*1]emorrhag* or exsanguinat* or disruption*) n/3 abdom* n/12 ("interventional radiol*" or emboli?ation or angioemboli?ation or (non-operative or nonoperative) or (non-surg* or nonsurg*))) and (spleen or splenic)))
 S11 S8 OR S9 OR S10
 S12 (ANIMAL(YES) NOT HUMAN(YES))
 S13 S11 not S12

Cochrane Central Register of Controlled Trials (Cochrane Library)

- #1 MeSH descriptor: [Traumatology] explode all trees
 #2 MeSH descriptor: [Wounds and Injuries] explode all trees
 #3 #1 OR #2
 #4 MeSH descriptor: [Spleen] explode all trees
 #5 MeSH descriptor: [Splenic Artery] explode all trees
 #6 #4 OR #5
 #7 #3 AND #6
 #8 MeSH descriptor: [Spleen] explode all trees and with qualifier(s): [injuries - IN]
 #9 MeSH descriptor: [Abdominal Injuries] explode all trees
 #10 (Spleen AND Splenic):ti,ab,kw
 #11 #9 AND #10
 #12 #7 OR #8 OR #11
 #13 MeSH descriptor: [Radiology, Interventional] explode all trees
 #14 MeSH descriptor: [Endovascular Procedures] explode all trees
 #15 MeSH descriptor: [Embolization, Therapeutic] explode all trees
 #16 #13 OR #14 OR #15
 #17 #12 AND #16
 #18 ((trauma* or injur* or h*emorrhag* or exsanguinat* or disruption*) near/3 (spleen or splenic) near/12 (interventional radiol* or emboli?ation or angioemboli?ation or (non-operative or nonoperative) or (non-surgi* or nonsurgi*)):ti,ab,kw
 #19 (((trauma* or injur* or h*emorrhag* or exsanguinat* or disruption*) near/3 abdom* near/12 (interventional radiol* or emboli?ation or angioemboli?ation or (non-operative or nonoperative) or (non-surgi* or nonsurgi*))) and (spleen or splenic)):ti,ab,kw
 #20 #17 OR #18 OR #19