Database: Embase <1974 to 2018 September 10> Search Strategy:
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1 exp antifibrinolytic agent/ (28330)
2 (anti-fibrinolytic* or antifibrinolytic* or antifibrinolysin* or anti-fibrinolysin* or antiplasmin* or antiplasmin* or ((plasmin or fibrinolysis) adj3 inhibitor*)).mp. (13957)
3 exp aprotinin/ (11678)
4 (Aprotinin* or kallikrein-trypsin inactivator* or bovine kunitz pancreatic trypsin inhibitor* or bovine pancreatic trypsin inhibitor* or basic pancreatic trypsin inhibitor* or BPTI or contrykal or kontrykal or kontrikal or contrical or dilmintal or iniprol or zymofren or traskolan or antilysin or pulmin or amicar or caprocid or epsamon or epsikapron or antilysin or iniprol or kontrikal or kontrykal or pulmin* or Trasylol or Antilysin Spofa or rp?9921 or antagosan or antilysin or antilysine or apronitin* or apronitrine or bayer a?128 or bovine pancreatic secretory trypsin inhibitor* or contrycal or frey inhibitor* or gordox or kallikrein trypsin inhibitor* or kazal type trypsin inhibitor* or (Kunitz adj3 inhibitor*) or midran or (pancrea* adj2 antitrypsin) or (pancrea* adj2 trypsin inhibitor*) or riker?52g or rp?9921or tracylol or trascolan or trasilol or traskolan or trazylol or zymofren or zymophren).mp. (15442)
5 exp tranexamic acid/ (10966)
6 (tranexamic or Cyclohexanecarboxylic Acid* or Methylamine* or amcha or trans-4-aminomethylcyclohexanecarboxylic acid* or t-amcha or amca or kabi 2161 or transamin* or exacyl or amchafibrin or anvitoff or spotof or cyklokapron or ugurol oramino methylcyclohexane carboxylate or aminomethylcyclohexanecarbonic acid or aminomethylcyclohexanecarboxylic acid or AMCHA or amchafibrin or amikapron or aminomethyl cyclohexane carboxylic acid or aminomethyl cyclohexanecarboxylic acid or aminomethylcyclohexane carbonic acid or aminomethylcyclohexane carboxylic acid or aminomethylcyclohexanecarbonic acid or aminomethylcyclohexanecarboxylic acid or aminomethylcyclohexanocarboxylic acid or aminomethylcyclohexanoic acid or amstat or anvitoff or cl?65336 or cl65336 or cyclocapron or cyclokapron or cyklocapron or exacyl or frenolyse or hexacapron or hexakapron or tranex or TXA).mp. (58514)
7 exp Aminocaproic Acids/ or exp 6-Aminocaproic Acid/ (5997)
8 (((aminocaproic or amino?caproic or aminohexanoic or amino?hexanoic or epsilon-aminocaproic or E-aminocaproic) adj2 acid*) or epsikapron or cy-116 or cy116 or epsamon or amicar or caprocid or lederle or Aminocaproic or aminohexanoic or amino caproic or amino n hexanoic or acikaprin or afibrin or capracid or capramol or caprogel or caprolest or caprolisine or caprolysin or capromol or cl 10304 or EACA or eaca roche or ecapron or ekaprol or epsamon or epsicapron or epsilcapramin or epsilon amino caproate or epsilon aminocaproate or epsilonaminocaproic or etha?aminocaproic or ethaaminocaproich or emocaprol or hepin or ipsilon or jd?177or neocaprol or nsc?26154 or tachostyptan).mp. (16163)
9 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 (95478)
10 exp cardiovascular surgery/ (612911)
11 exp heart surgery/ (325152)
12 exp heart valve surgery/ (82677)
13 exp thorax surgery/ (524265)
14 exp coronary artery surgery/ (114219)
15 exp coronary artery bypass graft/ (67199)
16 exp coronary artery bypass surgery/ (15326)
17 exp thorax/su [Surgery] (1103)
18 exp coronary artery bypass/ (67199)
19 exp sternotomy/ (17164)
20 exp sternum/su [Surgery] (877)
21 exp heart valve/su [Surgery] (3320)
22 exp off pump coronary surgery/ (5258)
23 (exp heart/ or exp heart valve/ or exp heart disease/ or exp coronary artery disease/) and (su.fs. or surgery.mp. or surgeries.mp. or surgical.mp. or operate.mp. or operation.mp. or operations.mp. or bypass.mp. or stent*.mp. or graft*.mp. or repair.mp.) (493732)
24 ((heart or cardiac or coronary or cardiothoracic or cardio-thoracic or thoracic or cardio-pulmonary or cardiopulmonary or aortic or mitral or arch or on pump or off pump) adj3 (surgery or surgeries or surgical or operate or operation or operations or bypass or stent* or graft*)).mp. (330250)
25 (coronary artery bypass or coronary artery surgery or coronary bypass graft surgery or coronary artery bypass graft or coronary bypass graft or coronary artery bypass graft* or coronary artery bypass graft* or coronary artery graft* or CABG).mp. (100527)
26 10 or 11 or 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 (1056258)
27 9 and 26 (6799)
28 randomi?ed.ab,ti,kw. or randomized controlled trial.pt. or controlled clinical trial.pt. or placebo.ab,ti,kw. or clinical trials as topic.sh. or random*.ab,ti,kw. or trial.ti. (1500424)
29 (crossover procedure or double-blind procedure or randomized controlled trial or single-blind procedure).de. or ((((((random* or factorial* or crossover* or cross over* or placebo* or assign* or allocat* or volunteer* or singl*) adj1 blind*) or cross) adj1 over*) or doubl*) adj1 blind*).de,ab,ti. (639992)
30 28 or 29 (1622208)
31 9 and 26 and 30 (1237)

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Alaifan T, *et al. BMJ Open* 2019; 9:e028585. doi: 10.1136/bmjopen-2018-028585