# Supplements

18/4/2023

Efficacy and Safety of Therapeutic Interventions in acute pulmonary embolism: Systematic review and network meta-analysis



Appendix 1, as submitted by the authors. Appendix to: Planer D, Yanko S, Matok I, et al. Catheter-directed thrombolysis compared with systemic thrombolysis and anticoagulation in patients with intermediate- or high-risk pulmonary embolism: systematic review and petwork meta-analysis. CMAJ 2023. doi: 10.1503/cmaj.220960. Copyright © 2023 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.

Syntaxes Used in Database Searches: EMBASE	2
Syntaxes Used in Database Searches: PUBMED	8
Syntaxes Used in Database Searches: Cochrane	. 19
Syntaxes Used in Database Searches: Clinical trials	. 20
Figure S1: In hospital mortality main graph	. 21
Figure S2: Transfusion main graph	. 22
Figure S3: GI main graph	. 23
Table S1: results of primary and secondary outcomes:	. 24
Figure S4: Combined network meta-analysis primary and secondary outcomes.	. 25
Figure S5: All-cause mortality vs RCT vs NON RCT sensitivity analysis presented in forest plots.	. 26
Figure S6: Major bleeding vs RCT vs NON RCT sensitivity analysis presented in forest plots.	. 27
Figure S7: ICH vs RCT vs NON RCT sensitivity analysis presented in forest plots	. 28
Figure S8: Minor bleeding main and sensitivity forest plots	. 29
Figure S9: RCT and NON-RCT netgraphs	. 30
Figure S10: Sensitivity analysis without "unclear" studies:	.31
Figure STT: Sensitivity analysis with excluded studies:	. 32
Figure \$12: Combined primary outcomes for "intermediate-high" subgroup analysis and p-score	. 33
Figure S13: Netgraphs for "intermediate-high" subgroup	. 34
Figure \$14: Funnel plots	. 35
Figure \$15: Mortality node splitting - direct and indirect evidence in network meta-analysis	. 38
Figure \$16: Major bleeding node splitting - direct and indirect evidence in network meta-analysis	. 39
Figure \$17: ICH node splitting - direct and indirect evidence in network meta-analysis	. 40
Figure \$18: Minor bleeding node splitting - direct and indirect evidence in network meta-analysis	. 41
Figure \$19: Transfusion node splitting - direct and indirect evidence in network meta-analysis	. 42
Figure S20: GI node splitting - direct and indirect evidence in network meta-analysis	. 43
Figure S21: Mortality pairwise forest plot	. 44
Figure S22: Major bleeding pairwise forest plot	. 45
Figure S23: ICH pairwise forest plot	. 46
Figure S24: Minor bleeding pairwise forest plot	. 47
Figure S25: Transfusion pairwise forest plot	. 48
Figure S26: GI pairwise forest plot	. 49
Table S2: summary key characteristics of treatment comparisons	. 50
Figure S27: P-score ranking for main and secondary outcomes.	.51
Figure S28: Risk of bias assessment for randomized control studies, evaluated by the Cochrane Collaboration's	
Table S3: Risk of bias and quality of nonrandomized studies, evaluated by the Newcastle-Ottawa Scale (NOS).	. 54
Figure S28: GRADE assessment:	. 56
Table S4: Reasons for studies exclusion	
Table S5: Bleeding definitions	. 60
Table S6: Mortality Outcomes in each study	. 62
Reference:	. 64

# Syntaxes Used in Database Searches: EMBASE

No.	Query	Results
	(((('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary	
	artery thromboembolism':ti,ab,kw OR 'massive pulmonary	
	embolism':ti,ab,kw OR 'submassive pulmonary	
	embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw	
	OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular	
	hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR	
	'pulmonary artery filling defect':ti,ab,kw OR 'lung	
	embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung	
	embolus':ti,ab,kw OR 'lung emboly':ti,ab,kw OR 'lung	
	microembolism':ti,ab,kw OR 'lung microembolization':ti,ab,kw	
	OR 'lung microembolus':ti,ab,kw OR 'lung	
	thromboembolism':ti,ab,kw OR 'pulmonary	
	embolization':ti,ab,kw OR 'pulmonary embolus':ti,ab,kw OR	
	'pulmonary microembolism':ti,ab,kw OR 'pulmonary	
	thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR	
	'massive pulmonary embolism'/exp OR 'submassive pulmonary	
	embolism'/exp OR 'acute pulmonary embolism'/exp OR	
	'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR	
	'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous	
	coronary intervention':ti,ab,kw OR 'catheter directed	
	thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic	
	therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based	
	thrombectomy':ti,ab,kw OR 'catheter directed	
	thrombectomy':ti,ab,kw OR 'endovascular	
	embolectomy':ti,ab,kw OR 'endovascular	
	thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw	
	OR 'mechanical clot disruption':ti,ab,kw OR	
	atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR	
	'percutaneous transluminal angioplasty':ti,ab,kw OR	
	'percutaneous transluminal':ti,ab,kw OR 'transluminal artery	
	dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR	
	('embolectomy'/exp OR 'interventional cardiovascular	
	procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary	
	intervention'/exp OR 'percutaneous transluminal	
	angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR	
	'percutaneous thrombectomy'/exp)) OR (('antithrombogenic	
	agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR	
	'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic	
	therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover	
	procedure':de OR 'double-blind procedure':de OR 'randomized	
	controlled trial':de OR 'single-blind procedure':de OR random*:de,ab,ti OR factorial*:de,ab,ti OR crossover*:de,ab,ti	
	OR ((cross NEXT/1 over*):de,ab,ti) OR placebo*:de,ab,ti OR	
	((doubl* NEAR/1 blind*):de,ab,ti) OR ((singl* NEAR/1	
	blind*):de,ab,ti) OR assign*:de,ab,ti OR allocat*:de,ab,ti OR	
	volunteer*:de,ab,ti) OR ('cohort analysis'/exp OR 'analysis,	
	cohort':ti,ab OR 'cohort analysis':ti,ab OR 'cohort fertility':ti,ab	
	OR 'cohort life cycle':ti,ab OR 'cohort studies':ti,ab OR 'cohort	
U10	study':ti,ab OR 'fertility, cohort':ti,ab OR cohort:ti,ab) OR ('case	200
#18	control study'/exp OR 'case control study':ti,ab OR 'case-control	200

((('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery thromboembolism':ti,ab,kw OR 'massive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'holovascular embolectomy':ti,ab,kw OR 'holovascular embolectomy':ti,ab,kw OR 'holovascular embolectomy':ti,ab,kw OR 'rechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'fibrinolytic therapy'exp OR 'fibrinolytic agent':ti,ab,kw OR 'fibrinolytic therapy'exp OR 'fibrinolytic agent':ti,ab,kw OR 'fibrinolytic therapy'e	
control studies':ti,ab OR 'matched case control study':ti,ab OR 'case control':ti,ab))) NOT 'review'/exp  "review'/exp  ((('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery thromboembolism':ti,ab,kw OR 'massive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'hendovascular embolectomy':ti,ab,kw OR 'hendovascular thrombectomy':ti,ab,kw OR 'hendovascular thrombectomy':ti,ab,kw OR 'hendovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'hendovascular procedure'/de OR 'atherectomy'/exp) OR ('antithrombole drug':ti,ab,kw OR 'fibrinolyt	
"case control':ti,ab))) NOT 'review/exp  ((('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery thromboembolism':ti,ab,kw OR 'massive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolisim':ti,ab,kw OR 'lung embolisim':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism'exp OR 'pulmonary embolism'exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary embolism/exp OR 'pulmonary embolism/exp OR 'pulmonary embolism/exp OR 'pulmonary embolism/exp OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'nedovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'submassive transluminal angioplasty':ti,ab,kw OR 'percutaneous thrombectomy'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous thrombectomy'/exp OR 'percutaneous coronary intervention'exp OR 'percutaneous thrombectomy'-exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'intervention' de OR 'idouble-blind procedure':de OR 'fanodmized controlled t	
#17 'review'/exp  ((('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery thromboembolism':ti,ab,kw OR 'massive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed directed thrombectomy':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'catheter directed thrombolysis'-ti,ab,kw OR 'percutaneous transluminal angioplasty'-ti,ab,kw OR 'fibrinolytic agent'-ti,ab,kw OR 'fibrinolytic dent'-ti,ab,kw OR 'fi	
((('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery thromboembolism':ti,ab,kw OR 'massive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'holovascular procedure':de OR 'holovascular procedure':de OR 'holovascular procedure':de OR 'holovascular endolectomy':ti,ab,kw OR 'holovascular procedure':de OR 'holovascular':ti,ab,kw OR 'holovascular endolectomy'	
artery thromboembolism':ti,ab,kw OR 'massive pulmonary embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung thromboembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'exp OR 'massive pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombeetomy':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thromboetomy':ti,ab,kw OR 'catheter directed thrombeetomy':ti,ab,kw OR 'catheter directed thrombeetomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'holovascular embolectomy':ti,ab,kw OR 'holovascul	2645279
embolism':ti,ab,kw OR 'submassive pulmonary embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism'/exp OR 'pulmonary microembolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'nechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('embolectomy'exp OR 'interventional cardiovascular procedure':de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) OR (('fibrinolytic therapy'-exp OR 'fibrinolytic agent'-exp))) OR (('fibrinolytic therapy'-exp OR 'fibrinolytic agent'-exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular hypertrophy:ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter based thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'hechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous trombectomy'exp OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'fibrinolytic therapy'exp OR 'interventional cardiovascular procedure'de OR 'atherectomy'exp OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty'exp OR 'interventional cardiovascular procedure'de OR 'atheretedomy'exp)) OR (('entithrombogenic agent':ti,ab,kw	
OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolus':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolismi':ti,ab,kw OR 'pulmonary embolismi':ti,ab,kw OR 'pulmonary embolismi':ti,ab,kw OR 'pulmonary thromboembolism':ti,ab,kw OR 'pulmonary embolismi'/exp OR 'pulmonary embolismi'/exp OR 'massive pulmonary embolismi'/exp OR 'pulmonary embolismi'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'fibrinolysi':ti,ab,kw OR 'fibrinolysi':ti,ab,kw OR 'fibrinolysi':ti,ab,kw OR 'fibrinolytic dent':de OR 'atheter directed thrombolysis/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinolytic therapy'/exp OR 'interventional cardiovascular procedure':de OR 'atheter directed throm	
OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolus':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'pulmonary embolismi':ti,ab,kw OR 'pulmonary embolismi':ti,ab,kw OR 'pulmonary embolismi':ti,ab,kw OR 'pulmonary thromboembolism':ti,ab,kw OR 'pulmonary embolismi'/exp OR 'pulmonary embolismi'/exp OR 'massive pulmonary embolismi'/exp OR 'pulmonary embolismi'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous coronary intervention'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'fibrinolysi':ti,ab,kw OR 'fibrinolysi':ti,ab,kw OR 'fibrinolysi':ti,ab,kw OR 'fibrinolytic dent':de OR 'atheter directed thrombolysis/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinolytic therapy'/exp OR 'interventional cardiovascular procedure':de OR 'atheter directed throm	
hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR 'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung thromboembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'acute pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'nechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty:ti,ab,kw OR 'percutaneous transluminal angioplasty:ti,ab,kw OR 'fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp))) OR (('antithrombogenic agent':ti,ab,kw OR 'thromboly*:ti,ab,kw OR 'fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'tansle-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'pulmonary artery filling defect':ti,ab,kw OR 'lung embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism:ti,ab,kw OR 'lung microembolism:ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolismi'exp OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolismi'exp OR 'massive pulmonary embolism'exp OR 'submassive pulmonary embolismi'exp OR 'pulmonary embolismi'exp OR 'pulmonary shunt'exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR catheter directed thrombolysis':ti,ab,kw OR catheter directed thrombolytic therapy':ti,ab,kw OR catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR ('embolectomy'exp OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'exp OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'exp OR 'transluminal angioplasty'exp OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('fibrinolytexp OR 'tatheter directed thrombolysis'exp OR 'percutaneous thrombectomy'exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'atheter directed thrombolysis'exp OR 'percutaneous thrombectomy'exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'fibrinolytic therapy'exp OR 'fibrinolytic agent'exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung embolus':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung thromboembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'pulmonary embolism'/exp OR 'massive pulmonary embolism'/exp OR 'acute pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('percutaneous transluminal angioplasty':ti,ab,kw) OR 'percutaneous transluminal angioplasty'.exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'.exp OR 'percutaneous coronary intervention'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous transluminal angioplasty'.exp OR 'percutaneous coronary intervention'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
embolus':ti,ab,kw OR 'lung emboly':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung microembolism':ti,ab,kw OR 'lung thromboembolism:ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary thromboembolism':ti,ab,kw OR 'pulmonary thromboembolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw OR 'lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR catheter directed thrombolysis':ti,ab,kw OR catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'athere directed thrombolysis'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp) OR ('entithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent':ti,ab,kw) OR ('randomized controlled trial':de OR 'single-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
microembolism':ti,ab,kw OR 'lung microembolization':ti,ab,kw OR 'lung microembolus':ti,ab,kw OR 'lung thromboembolism':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR clatheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR 'percutaneous thrombectomy'/exp) OR ('entithrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'thromboly*:ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
OR 'lung microembolus':ti,ab,kw OR 'pulmonary embolization':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary embolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR 'athereotomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'fibrinoly**:ti,ab,kw OR 'fibrinoly**:ti,ab,kw OR 'fibrinoly**:ti,ab,kw OR 'fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
thromboembolism':ti,ab,kw OR 'pulmonary embolus':ti,ab,kw OR 'pulmonary microembolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'randeter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'thromboly*:ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp))) AND (('croossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
embolization':ti,ab,kw OR 'pulmonary embolus':ti,ab,kw OR 'pulmonary microembolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'pulmonary microembolism':ti,ab,kw OR 'pulmonary thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'thromboly*:ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR 'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty':ti,ab,kw) OR ('percutaneous thrombectomy'/exp) OR 'percutaneous coronary intervention'/exp OR 'athereted thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw) OR 'fibrinoly*':ti,ab,kw) OR 'fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'massive pulmonary embolism'/exp OR 'submassive pulmonary embolism'/exp OR 'acute pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical colt disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
embolism'/exp OR 'acute pulmonary embolism'/exp OR 'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolysic therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'pulmonary shunt'/exp)) AND (((embolectomy:ti,ab,kw OR 'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*:'ti,ab,kw OR 'thromboly*:ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'percutaneous thrombectomy':ti,ab,kw OR 'percutaneous coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
thrombectomy':ti,ab,kw OR 'catheter directed thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
thrombectomy':ti,ab,kw OR 'endovascular embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*:ti,ab,kw OR 'thromboly*:ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
OR 'mechanical clot disruption':ti,ab,kw OR atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR 'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'percutaneous transluminal angioplasty':ti,ab,kw OR 'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'percutaneous transluminal':ti,ab,kw OR 'transluminal artery dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR ('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
('embolectomy'/exp OR 'interventional cardiovascular procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
intervention'/exp OR 'percutaneous transluminal angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR 'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'percutaneous thrombectomy'/exp)) OR (('antithrombogenic agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
therapy'/exp OR 'fibrinolytic agent'/exp)))) AND (('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR	
controlled trial':de OR 'single-blind procedure':de OR	
controlled trial':de OR 'single-blind procedure':de OR	
random*:de,ab,ti OR factorial*:de,ab,ti OR crossover*:de,ab,ti	
OR ((cross NEXT/1 over*):de,ab,ti) OR placebo*:de,ab,ti OR	
((doubl* NEAR/1 blind*):de,ab,ti) OR ((singl* NEAR/1	
blind*):de,ab,ti) OR assign*:de,ab,ti OR allocat*:de,ab,ti OR	
volunteer*:de,ab,ti) OR ('cohort analysis'/exp OR 'analysis,	
cohort':ti,ab OR 'cohort analysis':ti,ab OR 'cohort fertility':ti,ab	
OR 'cohort life cycle':ti,ab OR 'cohort studies':ti,ab OR 'cohort	
study':ti,ab OR 'fertility, cohort':ti,ab OR cohort:ti,ab) OR ('case	
#16 control study'/exp OR 'case control study':ti,ab OR 'case-control	2641

	studies':ti,ab OR 'case-control study':ti,ab OR 'control study,	
	case':ti,ab OR 'matched case control':ti,ab OR 'matched case	
	control studies':ti,ab OR 'matched case control study':ti,ab OR	
	'case control':ti,ab))	
	('crossover procedure':de OR 'double-blind procedure':de OR	
	'randomized controlled trial':de OR 'single-blind procedure':de	
	OR random*:de,ab,ti OR factorial*:de,ab,ti OR	
	crossover*:de,ab,ti OR ((cross NEXT/1 over*):de,ab,ti) OR	
	placebo*:de,ab,ti OR ((doubl* NEAR/1 blind*):de,ab,ti) OR	
	((singl* NEAR/1 blind*):de,ab,ti) OR assign*:de,ab,ti OR	
	allocat*:de,ab,ti OR volunteer*:de,ab,ti) OR ('cohort	
	analysis'/exp OR 'analysis, cohort':ti,ab OR 'cohort	
	analysis':ti,ab OR 'cohort fertility':ti,ab OR 'cohort life	
	cycle':ti,ab OR 'cohort studies':ti,ab OR 'cohort study':ti,ab OR	
	'fertility, cohort':ti,ab OR cohort:ti,ab) OR ('case control	
	study'/exp OR 'case control study':ti,ab OR 'case-control	
	studies':ti,ab OR 'case-control study':ti,ab OR 'control study,	
	case':ti,ab OR 'matched case control':ti,ab OR 'matched case	
	control studies':ti,ab OR 'matched case control study':ti,ab OR	
#15	'case control':ti,ab)	3602004
	'case control study'/exp OR 'case control study':ti,ab OR 'case-	
	control studies':ti,ab OR 'case-control study':ti,ab OR 'control	
	study, case':ti,ab OR 'matched case control':ti,ab OR 'matched	
	case control studies':ti,ab OR 'matched case control study':ti,ab	
#14	OR 'case control':ti,ab	225545
	'cohort analysis'/exp OR 'analysis, cohort':ti,ab OR 'cohort	
	analysis':ti,ab OR 'cohort fertility':ti,ab OR 'cohort life	
	cycle':ti,ab OR 'cohort studies':ti,ab OR 'cohort study':ti,ab OR	
#13	'fertility, cohort':ti,ab OR cohort:ti,ab	1015303
	'crossover procedure':de OR 'double-blind procedure':de OR	
	'randomized controlled trial':de OR 'single-blind procedure':de	
	OR random*:de,ab,ti OR factorial*:de,ab,ti OR	
	crossover*:de,ab,ti OR ((cross NEXT/1 over*):de,ab,ti) OR	
	placebo*:de,ab,ti OR ((doubl* NEAR/1 blind*):de,ab,ti) OR	
	((singl* NEAR/1 blind*):de,ab,ti) OR assign*:de,ab,ti OR	
#12	allocat*:de,ab,ti OR volunteer*:de,ab,ti	2543752
	(('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery	
	thromboembolism':ti,ab,kw OR 'massive pulmonary	
	embolism':ti,ab,kw OR 'submassive pulmonary	
	embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw	
	OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular	
	hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR	
	'pulmonary artery filling defect':ti,ab,kw OR 'lung	
	embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung	
	embolus':ti,ab,kw OR 'lung emboly':ti,ab,kw OR 'lung	
	microembolism':ti,ab,kw OR 'lung microembolization':ti,ab,kw	
	OR 'lung microembolus':ti,ab,kw OR 'lung	
	thromboembolism':ti,ab,kw OR 'pulmonary	
	embolization':ti,ab,kw OR 'pulmonary embolus':ti,ab,kw OR	
	'pulmonary microembolism':ti,ab,kw OR 'pulmonary	
	thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR	
	'massive pulmonary embolism'/exp OR 'submassive pulmonary	
	1 J J J J J J J J J J J J J J J J J J J	
	embolism'/exp OR 'acute pulmonary embolism'/exp OR	

" "	(embolectomy:ti,ab,kw OR 'percutaneous	
1 # /	drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw	99473
#7	'antithrombogenic agent':ti,ab,kw OR 'antithrombic	00472
#8	'fibrinolytic therapy'/exp OR 'fibrinolytic agent'/exp	145903
#9	'fibrinolytic agent'/exp)	189777
40	'thromboly*':ti,ab,kw) OR ('fibrinolytic therapy'/exp OR	100777
	drug':ti,ab,kw OR 'fibrinoly*':ti,ab,kw OR	
	('antithrombogenic agent':ti,ab,kw OR 'antithrombic	
#10	therapy'/exp OR 'fibrinolytic agent'/exp))	328959
W1.0	'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic	220050
	agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR	
	'percutaneous thrombectomy'/exp)) OR (('antithrombogenic	
	angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR	
	intervention'/exp OR 'percutaneous transluminal	
	procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary	
	('embolectomy'/exp OR 'interventional cardiovascular	
	dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR	
	'percutaneous transluminal':ti,ab,kw OR 'transluminal artery	
	'percutaneous transluminal angioplasty':ti,ab,kw OR	
	atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR	
	thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw OR 'mechanical clot disruption':ti,ab,kw OR	
	embolectomy':ti,ab,kw OR 'endovascular thrombectomy':ti,ab,kw OR 'mechanical thrombolycis':ti,ab,kw	
	thrombectomy':ti,ab,kw OR 'endovascular	
	thrombectomy':ti,ab,kw OR 'catheter directed	
	therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based	
	thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic	
	intervention':ti,ab,kw OR 'catheter directed	
	thrombectomy':ti,ab,kw OR 'percutaneous coronary	
	((embolectomy:ti,ab,kw OR 'percutaneous	
	therapy'/exp OR 'fibrinolytic agent'/exp)))	
	'fibrinoly*':ti,ab,kw OR 'thromboly*':ti,ab,kw) OR ('fibrinolytic	
	agent':ti,ab,kw OR 'antithrombic drug':ti,ab,kw OR	
	'percutaneous thrombectomy'/exp)) OR (('antithrombogenic	
	angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR	
	intervention'/exp OR 'percutaneous transluminal	
	procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary	
	('embolectomy'/exp OR 'interventional cardiovascular	
	dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR	
	'percutaneous transluminal':ti,ab,kw OR 'transluminal artery	
	'percutaneous transluminal angioplasty':ti,ab,kw OR	
	atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR	
	OR 'mechanical clot disruption':ti,ab,kw OR	
	thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw	
	embolectomy':ti,ab,kw OR 'endovascular	
	thrombectomy':ti,ab,kw OR 'endovascular	
	thrombectomy':ti,ab,kw OR 'catheter directed	
	therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based	
Ī	coronary intervention':ti,ab,kw OR 'catheter directed thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic	

	therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based	
	thrombectomy':ti,ab,kw OR 'catheter directed	
	thrombectomy':ti,ab,kw OR 'endovascular	
	embolectomy':ti,ab,kw OR 'endovascular	
	thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw	
	OR 'mechanical clot disruption':ti,ab,kw OR	
	atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR	
	'percutaneous transluminal angioplasty':ti,ab,kw OR	
	'percutaneous transluminal':ti,ab,kw OR 'transluminal artery	
	dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw) OR	
	('embolectomy'/exp OR 'interventional cardiovascular	
	procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary	
	intervention'/exp OR 'percutaneous transluminal	
	angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR	
	'percutaneous thrombectomy'/exp)	
	'embolectomy'/exp OR 'interventional cardiovascular	
	procedure'/de OR 'atherectomy'/exp OR 'percutaneous coronary	
	intervention'/exp OR 'percutaneous transluminal	
	angioplasty'/exp OR 'catheter directed thrombolysis'/exp OR	1.4600.4
#5	'percutaneous thrombectomy'/exp	146994
	embolectomy:ti,ab,kw OR 'percutaneous	
	thrombectomy':ti,ab,kw OR 'percutaneous coronary	
	intervention':ti,ab,kw OR 'catheter directed	
	thrombolysis':ti,ab,kw OR 'catheter directed thrombolytic	
	therapy':ti,ab,kw OR cdt:ti,ab,kw OR 'catheter based	
	thrombectomy':ti,ab,kw OR 'catheter directed	
	thrombectomy':ti,ab,kw OR 'endovascular	
	embolectomy':ti,ab,kw OR 'endovascular	
	thrombectomy':ti,ab,kw OR 'mechanical thrombolysis':ti,ab,kw	
	OR 'mechanical clot disruption':ti,ab,kw OR	
	atherectomy:ti,ab,kw OR 'atheroma resection':ti,ab,kw OR	
	'percutaneous transluminal angioplasty':ti,ab,kw OR	
	'percutaneous transluminal':ti,ab,kw OR 'transluminal artery	
#4	dilatation':ti,ab,kw OR 'transluminal angioplasty':ti,ab,kw	87886
	('pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery	0,000
	thromboembolism':ti,ab,kw OR 'massive pulmonary	
	embolism':ti,ab,kw OR 'submassive pulmonary	
	embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw	
	OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular	
	hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR	
	'pulmonary artery filling defect':ti,ab,kw OR 'lung	
	embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung	
	embolus':ti,ab,kw OR 'lung emboly':ti,ab,kw OR 'lung	
	microembolism':ti,ab,kw OR 'lung microembolization':ti,ab,kw	
	OR 'lung microembolus':ti,ab,kw OR 'lung	
	thromboembolism':ti,ab,kw OR 'pulmonary	
	embolization':ti,ab,kw OR 'pulmonary embolus':ti,ab,kw OR	
	'pulmonary microembolism':ti,ab,kw OR 'pulmonary	
	thromboembolic disease':ti,ab,kw) OR ('lung embolism'/exp OR	
	'massive pulmonary embolism'/exp OR 'submassive pulmonary	
	embolism'/exp OR 'acute pulmonary embolism'/exp OR	
#3	'pulmonary shunt'/exp)	107805

	'lung embolism'/exp OR 'massive pulmonary embolism'/exp OR	
	'submassive pulmonary embolism'/exp OR 'acute pulmonary	
#2	embolism'/exp OR 'pulmonary shunt'/exp	98045
	'pulmonary thromboembolism':ti,ab,kw OR 'pulmonary artery	
	thromboembolism':ti,ab,kw OR 'massive pulmonary	
	embolism':ti,ab,kw OR 'submassive pulmonary	
	embolism':ti,ab,kw OR 'acute pulmonary embolism':ti,ab,kw	
	OR 'pulmonary embolism':ti,ab,kw OR 'bronchial vascular	
	hypertrophy':ti,ab,kw OR 'intrapulmonary shunt':ti,ab,kw OR	
	'pulmonary artery filling defect':ti,ab,kw OR 'lung	
	embolism':ti,ab,kw OR 'lung embolization':ti,ab,kw OR 'lung	
	embolus':ti,ab,kw OR 'lung emboly':ti,ab,kw OR 'lung	
	microembolism':ti,ab,kw OR 'lung microembolization':ti,ab,kw	
	OR 'lung microembolus':ti,ab,kw OR 'lung	
	thromboembolism':ti,ab,kw OR 'pulmonary	
	embolization':ti,ab,kw OR 'pulmonary embolus':ti,ab,kw OR	
	'pulmonary microembolism':ti,ab,kw OR 'pulmonary	
#1	thromboembolic disease':ti,ab,kw	62420

#### Syntaxes Used in Database Searches: PUBMED

Search number	Query	Search Details	Results
20	#18 NOT #19	((((((((((((((((((((((((((((((((((((((	1,359

"mechanical clot disruption" [Title/Abstract]) OR "Atherectomy" [Title/Abstract]) OR ((((("plaque, atherosclerotic" [MeSH Terms] OR ("plaque" [All Fields]) AND "atherosclerotic plaque" [All Fields]) OR "atheromas" [All Fields]) OR "percutaneous transluminal angioplasty" [Title/Abstract]) OR ("transluminal" [All Fields]) AND "resection" [Title/Abstract]) OR (("transluminal" [All Fields]) AND "attery dilatation" [Title/Abstract]) OR (("transluminal" [All Fields]) AND "artery dilatation" [Title/Abstract]) OR (((((("techanical Thrombolysis" [MeSH Terms]) OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "Atherectomy: [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "Atherectomy: [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "fibrinolytic Agents" [Title/Abstract]) OR "fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND ((((((("randomized controlled trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "randomized" [MeSH Terms] AND "animals" [MeSH Terms] OR "Cohort Studies" [MeSH Terms]) OR "Cose control "tutles (MeSH Terms]) OR "Cose control "Title/Abstract]) NOT "Review" [Publication "Review" [Publication Type]			1
"Atherectomy" [Title/Abstract]) OR ((((("plaque, atherosclerotic" [MeSH Terms] OR ("plaque" [All Fields]) AND "atherosclerotic plaque" [All Fields]) OR "atherosclerotic plaque" [All Fields]) OR "atheroma" [All Fields]) OR "atheroma" [All Fields]) OR "atheroma" [All Fields]) OR "resection" [Title/Abstract]) OR "percutaneous transluminal angioplasty" [Title/Abstract]) OR (("transluminal" [All Fields]) OR "transluminally" [All Fields]) OR "transluminally" [All Fields]) OR "transluminally" [All Fields]) OR "transluminal angioplasty" [Title/Abstract]) OR (((((("Mechanical Thrombolysis" [MeSH Terms]) OR "Angioplasty" [MeSH Terms] OR "Angioplasty" [MeSH Terms]) OR "Angioplasty" [MeSH Terms]) OR "Angioplasty" [MeSH Terms]) OR "Angioplasty" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms]) OR "Percutaneous Coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract]) OR "Antithromboly" [Title/Abstract]) OR "Ihromboly" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "randomized" [Tit		"mechanical clot	
"Atherectomy" [Title/Abstract]) OR ((((("plaque, atherosclerotic" [MeSH Terms] OR ("plaque" [All Fields]) AND "atherosclerotic plaque" [All Fields]) OR "atherosclerotic plaque" [All Fields]) OR "atheroma" [All Fields]) OR "atheroma" [All Fields]) OR "atheroma" [All Fields]) OR "resection" [Title/Abstract]) OR "percutaneous transluminal angioplasty" [Title/Abstract]) OR (("transluminal" [All Fields]) OR "transluminally" [All Fields]) OR "transluminally" [All Fields]) OR "transluminally" [All Fields]) OR "transluminal angioplasty" [Title/Abstract]) OR (((((("Mechanical Thrombolysis" [MeSH Terms]) OR "Angioplasty" [MeSH Terms] OR "Angioplasty" [MeSH Terms]) OR "Angioplasty" [MeSH Terms]) OR "Angioplasty" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms]) OR "Percutaneous Coronary" [MeSH Terms]) OR "Terms]) OR (((("antithrombogenic agent" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "Ihromboly" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "controlled clinical trial" [Publication Type] OR "randomized" [Title/Abstract]) OR "randomized" [Title/Abstract]) OR "randomized" [Title/Abstract]) OR "trial" [Title] NOT ("animals" [MeSH Terms] NOT ("humans" [MeSH Terms] NOT ("ohort Studies" [MeSH Terms] NOR "cohort Studies" [MeSH Terms]) OR "cose-control studies" [MeSH		disruption"[Title/Abstract]) OR	
((((("laque, atherosclerotic" [MeSH Terms] OR ("plaque" [All Fields] AND "atherosclerotic" [All Fields]) OR "atherosclerotic" [All Fields]) OR "atherosclerotic" [All Fields]) OR "atherosclerotic plaque" [All Fields]) OR "atheromas" [All Fields]) OR "atheromas" [All Fields]) OR "percutaneous transluminal angioplasty" [Title/Abstract]) OR "percutaneous transluminal" [Title/Abstract]) OR (("transluminal" [Title/Abstract]) OR (("transluminal" [Title/Abstract]) OR (("transluminal" [All Fields]) AND "artery dilatation" [Title/Abstract]) OR (("(("Mechanical Thrombolysis" [MeSH Terms]) OR "Endovascular Procedures" [MeSH Terms.noexp]) OR "Angioplasty" [MeSH Terms.noexp]) OR "Angioplasty [MeSH Terms.noexp]) OR "Atherectomy. [MeSH Terms.noexp]) OR "atherectomy. [MeSH Terms.noexp]) OR "atherectomy. coronary [MeSH Terms]) OR "(("antithrombic Drug" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "Thromboly* [Title/Abstract]) OR "Thromboly* [Title/Abstract]) OR "Thromboly* [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms]) OR ("Fibrinolytic Agents" [MeSH Terms]) OR "controlled clinical trial" [Publication Type] OR "controlled clinical trial" [Publication Type] OR "randomized" [Title/Abstract]) OR "randomized" [Title/Abstract]) OR "randomized" [Title/Abstract]) OR "controlled clinical trials as topic" [MeSH Terms.noexp]) OR "controlled clinicals" [MeSH Terms] OR "controlled trials as topic" [MeSH Terms.noexp]) OR "case-control studies" [MeSH Terms]) OR "controlled clinicals" [MeSH Terms]) OR "controlled clinicals" [MeSH Terms]) OR "case-control studies" [MeSH Terms]) OR "case-control studies" [MeSH Terms]) OR "case-control studies" [MeSH Terms]) O		"Atherectomy"[Title/Abstract]) OR	
Terms] OR ("plaque"[All Fields]) OR "atherosclerotic plaque"[All Fields]) OR "atheromacrotic plaque"[All Fields]) OR "atheromas"[All Fields]) AND "resection"[Title/Abstract]) OR "percutaneous transluminal angioplasty"[Title/Abstract]) OR ("transluminal"[Title/Abstract]) OR ("transluminal"[Title/Abstract]) OR ("transluminal"[Title/Abstract]) OR ("transluminal"[Title/Abstract]) OR "transluminal angioplasty"[Title/Abstract]) OR ("(("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms:noexp]) OR "atherectomy"[MeSH Terms:noexp]) OR "ibrinolys"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Tibrinolytic Agents"[MeSH Terms] OR "Tooltorled clinical trial"[Publication Type] OR "randomized"[Title/Abstract]) OR "randomized"[Title/Abstract]) OR "randomized"[Title/Abstract]) OR "trial"[Title]) NOT ("nimans"[MeSH Terms] NOT ("humans"[MeSH Terms] NOT ("humans"[MeSH Terms] NOT ("humans"[MeSH Terms]) OR "cohort Title/Abstract]) OR "transl) OR "cohort Title/Abstract]) OR "transl) OR "cohort Title/Abstract]) OR "trems]) OR "cohort Title/Abstract]) OR "trems]) OR "case-control studies"[MeSH Terms]) OR "case-control studies"[MeSH		¥ 2 3/	
"atherosclerotic plaque" [All Fields]) OR  "atherosclerotic plaque" [All Fields]) OR  "atheroma" [All Fields]) OR  "atheromas" [All Fields]) OR  "percutaneous transluminal  angioplasty" [Title/Abstract]) OR  "percutaneous transluminal  angioplasty" [Title/Abstract]) OR  (("transluminal" [Title/Abstract]) OR  (("transluminal" [Title/Abstract]) OR  (("transluminal" [Title/Abstract]) OR  (("transluminal" [Title/Abstract]) OR  (("transluminal [Title/Abstract]) OR  (("transluminal angioplasty" [Title/Abstract]) OR  ((((("Mechanical Thrombolysis" [MeSH Terms]) OR  "Endovascular Procedures" [MeSH Terms:noexp]) OR  "Angioplasty" [MeSH Terms:noexp]) OR  "Angioplasty" [MeSH Terms:noexp]) OR  "Percutaneous Coronary  Intervention" [MeSH Terms:noexp]) OR  "atherectomy [(((antithrombogenic agent" [Title/Abstract]) OR  "Antithrombic Drug" [Title/Abstract]) OR  "Antithrombic Drug" [Title/Abstract]) OR  ("Fibrinolytic Agents" [MeSH Terms]) OR  ("Title/Abstract]) OR  "andomized" [Title/Abstract]) OR  "andomized" [Title/Abstract]) OR  "placebo" [Title/Abstract]) OR  "placebo" [Title/Abstract]) OR  "translomized" [Title/Abstract]) OR  "translom			
"atherosclerotic plaque" [All Fields]) OR "atheroma" [All Fields]) OR "atheroma" [All Fields]) OR "atheroma" [All Fields]) OR "percutaneous transluminal angioplasty" [Title/Abstract]) OR ("transluminal" [Title/Abstract]) OR ("transluminal" [Fields]) OR ("transluminal" [Title/Abstract]) OR ("transluminal" [Title/Abstract]) OR ("transluminal angioplasty" [Title/Abstract]) OR ("((("Mechanical Thrombolysis" [MeSH Terms] OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms:noexp]) OR "Atherectomy [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms]) OR (((("antithrombogenic agent" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "Tibrinoly*" [Title/Abstract]) OR "Tibrinoly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Tibrinolytic Agents" [MeSH Terms] OR "randomized" [Title/Abstract]) OR "randomized"		- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
OR "atheroma" [All Fields] OR "atheromas" [All Fields] AND "resection" [Title/Abstract]) OR "percutaneous transluminal angioplasty" [Title/Abstract]) OR "percutaneous transluminal" [All Fields] OR (("transluminal" [All Fields] OR "transluminal" [All Fields] OR "transluminal" [All Fields] OR "transluminal" [Title/Abstract]) OR (("transluminal" [Title/Abstract]) OR (((("Mechanical Thrombolysis" [MeSH Terms] OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms] OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms]) OR ((("antithrombogenic agent" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "thromboly** [Title/Abstract]) OR ("Fibrinoly** [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "randomized controlled trial" [Publication Type] OR "randomized" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "trial" [Title] NOT ("animals" [MeSH Terms] NOT ("humans" [MeSH Terms] NOT ("humans" [MeSH Terms]) OR "cohort" [Title/Abstract]) OR "case-control studies" [MeSH Terms]) OR "cohort" [Title/Abstract]) OR "Review" [Publication Type]		2 2//	
"atheromas"[All Fields]) AND "resection"[Title/Abstract])) OR "percutaneous transluminal angioplasty"[Title/Abstract]) OR (("transluminal"[Title/Abstract]) OR (("transluminal"[Title/Abstract]) OR (("transluminal"[All Fields]) AND "artery dilatation"[Title/Abstract])) OR "transluminal angioplasty"[Title/Abstract]) OR (((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms]) OR "Angioplasty"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy [MeSH Terms]) OR "Percutaneous Coronary"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Type]) OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomized"[Title/Abstract]) OR "lacebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms]) OR "Cohort Studies"[MeSH Terms]) OR "Cohort Studies"[MeSH Terms])) OR "Cohort Studies"[MeSH Terms])) OR "Cohort Studies"[MeSH Terms])) OR "Cohort Title/Abstract]) OR "ease-control studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "Review" [Publication			
"resection"[Title/Abstract]) OR "percutaneous transluminal angioplasty"[Title/Abstract] OR (("transluminal"[Title/Abstract]) OR (("transluminal"[All Fields] OR "transluminally"[All Fields] AND "artery dilatation"[Title/Abstract]) OR (((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Anterectomy [MeSH Terms] OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy: coronary"[MeSH Terms]) OR ((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Ithromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "ribrinolytic Agents"[MeSH Terms] OR "ribrinolytic Agents"[MeSH Terms] OR "randomized controlled trial"[Publication Type] OR "randomized"[Title/Abstract]) OR controlled clinical trial"[Publication Type] OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms] OR "clinical trials as topic"[MeSH Terms] OR "randomized"[Title/Abstract]) OR "clinical trials as copic"[MeSH Terms] OR "controlled trials as topic"[MeSH Terms] OR "control studies"[MeSH Terms] NOT ("humans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "execution"[Title/Abstract]) OR "execution"[Title/Abstract]) OR "execution"[Title/Abstract]) OR "execution"[Title/Abstract]) OR "Review" [Publication Type]			
"percutaneous transluminal angioplasty"[Title/Abstract]) OR "percutaneous transluminal"[All Fields] OR (("transluminal"[All Fields] OR (("transluminal"[All Fields] OR "transluminal"] ("Title/Abstract]) OR "transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms] OR "Angioplasty"[MeSH Terms] OR "Angioplasty"[MeSH Terms] OR "Angioplasty"[MeSH Terms]) OR "Percutaneous Coronary" Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])) OR (((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "fibrinoly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR clinical trials as topic"[MeSH Terms:noexp]) OR "randomized"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "cohort Studies"[MeSH Terms])) OR "Cohort Studies"[MeSH Terms])) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "asse-control studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH			
angioplasty"[Title/Abstract]) OR "percutaneous transluminal"[Title/Abstract]) OR (("transluminal"[All Fields]) AND "artery dilatation"[Title/Abstract]) OR ("transluminal] angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Aherectomy"[MeSH Terms:noexp]) OR "Aherectomy"[MeSH Terms:noexp]) OR "aherectomy. [MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy. (coronary"[MeSH Terms]) OR ((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "controlled clinical trial"[Publication Type]) OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("numans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication Type]		"resection"[Title/Abstract])) OR	
angioplasty"[Title/Abstract]) OR "percutaneous transluminal"[Title/Abstract]) OR (("transluminal"[All Fields]) AND "artery dilatation"[Title/Abstract]) OR ("transluminal] angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Aherectomy"[MeSH Terms:noexp]) OR "Aherectomy"[MeSH Terms:noexp]) OR "aherectomy. [MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy. (coronary"[MeSH Terms]) OR ((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "controlled clinical trial"[Publication Type]) OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("numans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication Type]		"percutaneous transluminal	
"percutaneous transluminal"[Title/Abstract]) OR (("transluminal"[All Fields]) OR "transluminally"[All Fields]) AND "artery dilatation"[Title/Abstract])) OR "transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms]) OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms]) OR ((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND (((((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebe"[Title/Abstract]) OR "placebe"[Title/Abstract]) OR "placebe"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms]) NOT ("humans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "cose-control studies"[MeSH Terms]) OR "cose-control studies"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "cose-control studies"[MeSH Terms]) OR "cose-control studies"[MeSH Terms]) OR "case-control studies"[MeSH Terms]) OR "case-control studies"[MeSH			
transluminal"[Title/Abstract]) OR (("transluminal"] All Fields] OR "transluminally"[All Fields] OR "transluminal" angioplasty"[Title/Abstract])) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])) OR ((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "fibrinoly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR ("Fibrinolytic Agents"[MeSH Terms] OR ("Fibrinolytic Agents"[MeSH Terms] OR "rontrolled clinical trial"[Publication Type]) OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "cose control "[Title/Abstract]) NOT "Review" [Publication Type]		O 1	
(("transluminal"[All Fields] OR "transluminally"[All Fields]) AND "artery dilatation"[Title/Abstract])) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR ("Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms]) OR ((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR ("Fibrinoly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Publication Type]) OR "controlled clinical trial"[Publication Type]) OR "controlled clinical trial"[Publication Type]) OR "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] NOR "cohort "Itile/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract]) NOT "Review" [Publication  "Review" [Publication  "Review" [Publication Type]		*	
"transluminally"[All Fields]) AND "artery dilatation"[Title/Abstract])) OR "transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])) OR ((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "Cohort Studies"[MeSH Terms]) OR "case control studies"[MeSH Terms]) OR "case control studies"[MeSH Terms]) OR "case control [Title/Abstract]) NOT "Review" [Publication Type]		2/	
"artery dilatation" [Title/Abstract]) OR "transluminal angioplasty" [Title/Abstract]) OR ((((("Mechanical Thrombolysis" [MeSH Terms] OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR ("Fibrinoly*" [Title/Abstract]) OR ("Fibrinoly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND ((((((((((((((((((((((((((((((((((((		* * * * * * * * * * * * * * * * * * * *	
"transluminal angioplasty"[Title/Abstract]) OR (((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])) OR (((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Intithrombic Drug"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[MeSH Terms] OR "rontrolled clinical trial"[Publication Type]) OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "cohort Studies"[MeSH Terms]) OR "case control studies"[MeSH Terms]) OR "case control studies"[MeSH Terms]) OR "case control "Title/Abstract]) NOT "Review" [Publication Type]			
angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis" [MeSH Terms] OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms:noexp]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms]) OR (((("antithrombogenic agent" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "Intervention!y*" [Title/Abstract]) OR ("Fibrinoly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND ((((((((("randomized controlled trial" [Publication Type] OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "trial" [Title]) NOT ("animals" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "Cohort Studies" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "cose-control studies" [MeSH Terms]) OR "case-control studies" [MeSH			
((((("Mechanical Thrombolysis" [MeSH Terms] OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms] OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract] OR "Antithrombic Drug" [Title/Abstract]) OR "Intervention" [Title/Abstract]) OR "Intervention" [Title/Abstract]) OR "Intervention" [Title/Abstract]) OR "Intervention" [Title/Abstract]) OR "Intervention [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "controlled clinical trial" [Publication Type]) OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "clinical trials as topic [MeSH Terms:noexp]) OR "randomly" [Title/Abstract]) OR "trial" [Title]) NOT ("animals" [MeSH Terms]) NOT ("humans" [MeSH Terms]) NOT ("humans" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "cose control studies" [MeSH Terms]) OR "case control studies" [MeSH Terms]) OR "case control studies" [MeSH Terms]) OR "case control" [Title/Abstract]) "Review" [Publication "Review" [Publication Type]			
Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms]) OR (((("antithrombogenic agent"[Title/Abstract]) OR "Antithrombic Drug"[Title/Abstract]) OR "Ithromboly*"[Title/Abstract]) OR "Ithromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((((((((((((((((((((((((((((((			
"Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms]) OR ((("antithrombogenic agent" [Title/Abstract]) OR ("formoly*" [Title/Abstract]) OR "thromboly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [MeSH Terms] OR "ribrinolytic Agents" [MeSH Terms] OR "rontrolled clinical trial" [Publication Type] OR "controlled clinical trial" [Publication Type] OR "randomized" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "controlled trial" [Title] NOT ("animals" [MeSH Terms]) OR "controlled trial" [Title] NOT ("animals" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "Cohort Studies" [MeSH Terms]) OR "cohort" [Title/Abstract]) OR "case-control studies" [MeSH Terms]) OR "case-control studies" [MeSH Terms]		((((("Mechanical	
"Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "thromboly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND ((((((((((((((((((((((((((((((((((((		Thrombolysis"[MeSH Terms] OR	
Terms:noexp]) OR  "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms]) OR  "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])) OR (((("antithrombogenic agent"[Title/Abstract] OR  "Antithromboly*"[Title/Abstract]) OR  "thromboly*"[Title/Abstract]) OR  ("Fibrinoly*"[Title/Abstract]) OR  ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((((((((((((((((((((((((((((((			
"Angioplasty" [MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract] OR "Antithrombic Drug" [Title/Abstract]) OR "fibrinoly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND (((((((((("randomized controlled trial" [Publication Type] OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "trial" [Title]) NOT ("animals" [MeSH Terms] NOT ("humans" [MeSH Terms] NOT ("humans" [MeSH Terms])) OR "cohort Studies" [MeSH Terms])) OR "cohort Studies" [MeSH Terms]) OR "cohort" [Title/Abstract]) OR "case-control studies" [MeSH Terms]) OR "case control" [Title/Abstract]) NOT "Review" [Publication  "Review" [Publication Type]		_	
OR "Atherectomy" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract]) OR "Antithrombic Drug" [Title/Abstract]) OR "thromboly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms]) OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND (((((((("randomized controlled trial" [Publication Type]) OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "placebo" [Title/Abstract]) OR "clinical trials as topic" [MeSH Terms:noexp]) OR "randomly" [Title/Abstract]) OR "trial" [Title]) NOT ("animals" [MeSH Terms]) NOT ("humans" [MeSH Terms]) OR "cohort Studies" [MeSH Terms])) OR "Cohort Studies" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "case control" [Title/Abstract]) NOT "Review" [Publication  "Review" [Publication		1 2/	
"Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract] OR "Antithrombic Drug" [Title/Abstract]) OR "fibrinoly*" [Title/Abstract]) OR "thromboly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND ((((((((((((((((((((((((((((((((((((		0 1 0 1 1 1 1	
Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])) OR (((("antithrombogenic agent"[Title/Abstract] OR "Antithrombic Drug"[Title/Abstract]) OR "fibrinoly*"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((((((((((((((((((((((((((((((		*	
OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent" [Title/Abstract] OR "Antithrombic Drug" [Title/Abstract]) OR "fibrinoly*" [Title/Abstract]) OR "thromboly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms]) OR "Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND (((((((("andomized controlled trial" [Publication Type] OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "clinical trials as topic" [MeSH Terms:noexp]) OR "randomly" [Title/Abstract]) OR "trial" [Title]) NOT ("animals" [MeSH Terms] NOT ("humans" [MeSH Terms])) OR "Cohort Studies" [MeSH Terms])) OR "cohort" [Title/Abstract]) OR "case-control studies" [MeSH Terms]) OR "case-control studies" [MeSH Terms]) OR "case control" [Title/Abstract])) NOT "Review" [Publication Type]		· · · · · · · · · · · · · · · · · · ·	
Terms])) OR (((("antithrombogenic agent"[Title/Abstract] OR "Antithrombic Drug"[Title/Abstract]) OR "fibrinoly*"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms]) OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms])) OR "cohort Studies"[MeSH Terms]) OR "case-control studies"[MeSH Terms]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication Type]		2	
agent"[Title/Abstract] OR "Antithrombic Drug"[Title/Abstract]) OR "fibrinoly*"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication		• • • • • • • • • • • • • • • • • • •	
"Antithrombic Drug" [Title/Abstract]) OR "fibrinoly*" [Title/Abstract]) OR "thromboly*" [Title/Abstract]) OR ("Fibrinolytic Agents" [MeSH Terms]) OR "Fibrinolytic Agents" [Pharmacological Action])))) AND (((((((((("randomized controlled trial" [Publication Type] OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "clinical trials as topic" [MeSH Terms:noexp]) OR "randomly" [Title/Abstract]) OR "trial" [Title]) NOT ("animals" [MeSH Terms]) NOT ("humans" [MeSH Terms]) OR "cohort Studies" [MeSH Terms])) OR "cohort Studies" [MeSH Terms])) OR "cohort Studies" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "cohort Studies" [MeSH Terms]) OR "case-control studies" [MeSH Terms]) OR "case-control studies" [MeSH Terms]) OR "case control" [Title/Abstract])) NOT "Review" [Publication Type]		Terms])) OR (((("antithrombogenic	
OR "fibrinoly*"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND (((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms])) OR "cohort Studies"[MeSH Terms]) OR "case control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication Type]		agent"[Title/Abstract] OR	
"thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((("randomized controlled trial"[Publication Type]] OR "controlled clinical trial"[Publication Type]] OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]] NOT ("animals"[MeSH Terms]] NOT ("humans"[MeSH Terms]] OR "cohort Studies"[MeSH Terms]])) OR "cohort Studies"[MeSH Terms]] OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]] OR "case control"[Title/Abstract]) OR "case control studies"[MeSH Terms]] OR "case control"[Title/Abstract])) NOT "Review" [Publication Type]		"Antithrombic Drug"[Title/Abstract])	
"thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])))) AND ((((((((("randomized controlled trial"[Publication Type]] OR "controlled clinical trial"[Publication Type]] OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]] NOT ("animals"[MeSH Terms]] NOT ("humans"[MeSH Terms]] OR "cohort Studies"[MeSH Terms]])) OR "cohort Studies"[MeSH Terms]] OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]] OR "case control"[Title/Abstract]) OR "case control studies"[MeSH Terms]] OR "case control"[Title/Abstract])) NOT "Review" [Publication Type]		OR "fibrinoly*"[Title/Abstract]) OR	
("Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action])))) AND ((((((((("randomized controlled trial" [Publication Type] OR "controlled clinical trial" [Publication Type]) OR "randomized" [Title/Abstract]) OR "clinical trials as topic" [MeSH Terms:noexp]) OR "randomly" [Title/Abstract]) OR "trial" [Title]) NOT ("animals" [MeSH Terms] NOT ("humans" [MeSH Terms])) OR "cohort Studies" [MeSH Terms])) OR "cohort Studies" [MeSH Terms]) OR "cohort" [Title/Abstract]) OR "case-control studies" [MeSH Terms]) OR "case control" [Title/Abstract])) NOT "Review" [Publication Type]		¥ 2	
OR "Fibrinolytic Agents"[Pharmacological Action]))) AND ((((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms])) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication "Review"[Publication Type]		<b>*</b>	
Agents"[Pharmacological Action])))) AND (((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms])) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract]) NOT "Review"[Publication Type]			
AND (((((((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]))) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]			
trial"[Publication Type] OR  "controlled clinical trial"[Publication Type]) OR  "randomized"[Title/Abstract]) OR  "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR  "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT  "Review" [Publication  "Review" [Publication Type]			
"controlled clinical trial"[Publication Type]) OR  "randomized"[Title/Abstract]) OR  "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR  "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication  "Review"[Publication Type]			
Type]) OR  "randomized"[Title/Abstract]) OR  "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp])  OR "randomly"[Title/Abstract]) OR  "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms])) OR "cohort"[Title/Abstract])  OR "case-control studies"[MeSH Terms]) OR "case control "[Title/Abstract])) NOT  "Review" [Publication]		trial"[Publication Type] OR	
"randomized"[Title/Abstract]) OR  "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR  "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms])) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT  "Review" [Publication		"controlled clinical trial"[Publication	
"randomized"[Title/Abstract]) OR  "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR  "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms])) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT  "Review" [Publication		Type]) OR	
"placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms])) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication			
trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms]) OR "cohort Studies"[MeSH Terms])) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication  "Review" [Publication			
OR "randomly"[Title/Abstract]) OR  "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication  "Review" [Publication		1 2/	
"trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review" [Publication  "Review" [Publication		1 2	
Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]			
Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]			
Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]			
Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]		Terms] AND "animals"[MeSH	
Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]		Terms]))) OR "Cohort Studies"[MeSH	
OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]		2///	
Terms]) OR "case control"[Title/Abstract])) NOT "Review"[Publication Type]		27	
control"[Title/Abstract])) NOT  "Review"[Publication Type]		<u> </u>	
"Review" [Publication Type]		=-	
"Review" [Publication		2//	
"Review"   Publication		"Keview"[Publication Type]	
19   "Review" Publication Lyne   1764   0	,641,047	"Review"[Publication Type]	_
Type]	,011,017	Iteview [rusheation rype]	Type]

	1	///////////////////////////////////////	1
		((((((((((((((((((((((((((((((((((((((	
		Thromboembolism"[Title/Abstract]	
		OR "pulmonary artery	
		thromboembolism"[Title/Abstract])	
		OR "Massive Pulmonary	
		Embolism"[Title/Abstract]) OR	
		"Submassive Pulmonary	
		Embolism"[Title/Abstract]) OR "Acute	
		pulmonary embolism"[Title/Abstract])	
		OR "Pulmonary	
		Embolism"[Title/Abstract]) ) OR	
		"intrapulmonary	
		shunt"[Title/Abstract]) OR "pulmonary	
		artery filling defect"[Title/Abstract])	
		OR "lung embolism"[Title/Abstract])	
		OR "lung	
		embolization"[Title/Abstract]) OR	
		"lung embolus"[Title/Abstract]) ) OR	
		"lung microembolism"[Title/Abstract])	
		OR "lung	
		microembolization"[Title/Abstract]))	
		OR "lung	
		thromboembolism"[Title/Abstract])	
		OR "pulmonary	
		embolization"[Title/Abstract]) OR	
		"pulmonary embolus"[Title/Abstract])	
1.0	/// A A A T TO 1// =	OR "pulmonary	1.545
18	#11 AND #17	microembolism"[Title/Abstract]) OR	1,545
		"Pulmonary thromboembolic	
		disease"[Title/Abstract]) AND	
		"Pulmonary Embolism"[MeSH	
		Terms]) AND	
		((((((((((((((((((((((((((((((((((((((	
		Abstract] OR "percutaneous thrombectomy"[Title/Abstract]) OR	
		"Percutaneous Coronary	
		Intervention"[Title/Abstract]) OR	
		"catheter directed	
		thrombolysis"[Title/Abstract]) OR	
		"catheter directed thrombolytic	
		therapy"[Title/Abstract]) OR	
		"CDT"[Title/Abstract]) OR "catheter	
		based thrombectomy"[Title/Abstract])	
		OR "catheter directed	
		thrombectomy"[Title/Abstract]) OR	
		"endovascular	
		embolectomy"[Title/Abstract]) OR	
		"endovascular	
		thrombectomy"[Title/Abstract]) OR	
		"Mechanical	
		Thrombolysis"[Title/Abstract]) OR	
		"mechanical clot	
		disruption"[Title/Abstract]) OR	
		"Atherectomy"[Title/Abstract]) OR	
		((((("plaque, atherosclerotic"[MeSH	
		I IIII prague, amerosererone [west1	

<b></b>		T	,
		Terms] OR ("plaque"[All Fields] AND	
		"atherosclerotic"[All Fields])) OR	
		"atherosclerotic plaque"[All Fields])	
		OR "atheroma"[All Fields]) OR	
		"atheromas"[All Fields]) AND	
		"resection"[Title/Abstract])) OR	
		"percutaneous transluminal	
		angioplasty"[Title/Abstract]) OR	
		"percutaneous	
		transluminal"[Title/Abstract]) OR	
		(("transluminal"[All Fields] OR	
		"transluminally"[All Fields]) AND	
		"artery dilatation"[Title/Abstract])) OR	
		"transluminal	
		angioplasty"[Title/Abstract]) OR	
		((((("Mechanical	
		Thrombolysis"[MeSH Terms] OR	
		"Endovascular Procedures"[MeSH	
		Terms:noexp]) OR	
		"Angioplasty"[MeSH Terms:noexp])	
		OR "Atherectomy"[MeSH Terms]) OR	
		"Percutaneous Coronary	
		Intervention"[MeSH Terms:noexp])	
		OR "atherectomy, coronary" [MeSH	
		Terms])) OR (((("antithrombogenic	
		agent"[Title/Abstract] OR	
		"Antithrombic Drug"[Title/Abstract])	
		OR "fibrinoly*"[Title/Abstract]) OR	
		"thromboly*"[Title/Abstract]) OR	
		("Fibrinolytic Agents"[MeSH Terms]	
		OR "Fibrinolytic	
		Agents"[Pharmacological Action]))))	
		AND ((((((((("randomized controlled	
		trial"[Publication Type] OR	
		"controlled clinical trial"[Publication	
		Type]) OR	
		"randomized"[Title/Abstract]) OR	
		"placebo"[Title/Abstract]) OR "clinical	
		trials as topic"[MeSH Terms:noexp])	
		1 2	
		OR "randomly"[Title/Abstract]) OR	
		"trial"[Title]) NOT ("animals"[MeSH	
		Terms] NOT ("humans"[MeSH	
		Terms] AND "animals"[MeSH	
		Terms]))) OR "Cohort Studies"[MeSH	
		Terms]) OR "cohort"[Title/Abstract])	
		OR "case-control studies"[MeSH	
		Terms]) OR "case	
		control"[Title/Abstract])	
		(((((((("randomized controlled	
		trial"[Publication Type] OR	
	#12 OD #12 OD #14 OD	"controlled clinical trial"[Publication	
17	#12 OR #13 OR #14 OR	Type]) OR	3,393,722
	#15 OR #16	"randomized"[Title/Abstract]) OR	
		"placebo"[Title/Abstract]) OR "clinical	
		trials as topic"[MeSH Terms:noexp])	
i	İ	_ arms as topic [micori remis.mocxp])	İ

		OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))) OR "Cohort Studies"[MeSH Terms]) OR "cohort"[Title/Abstract]) OR "case-control studies"[MeSH Terms]) OR "case control"[Title/Abstract]	
16	"case control"[Title/Abstract]	"case control"[Title/Abstract]	124,307
15	"Case-Control Studies"[Mesh]	"case-control studies"[MeSH Terms]	1,073,197
14	cohort[Title/Abstract]	"cohort"[Title/Abstract]	524,138
13	"Cohort Studies"[Mesh]	"Cohort Studies"[MeSH Terms]	1,983,481
12	(randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR clinical trials as topic[mesh:noexp] OR randomly[tiab] OR trial[ti]) NOT (animals [mh] NOT (humans [mh] AND animals[mh]))	(((((("randomized controlled trial"[Publication Type] OR "controlled clinical trial"[Publication Type]) OR "randomized"[Title/Abstract]) OR "placebo"[Title/Abstract]) OR "clinical trials as topic"[MeSH Terms:noexp]) OR "randomly"[Title/Abstract]) OR "trial"[Title]) NOT ("animals"[MeSH Terms] NOT ("humans"[MeSH Terms] AND "animals"[MeSH Terms]))	1,188,338
11	#3 AND #10	((((((((((((((((((((((("Pulmonary Thromboembolism"[Title/Abstract] OR "pulmonary artery thromboembolism"[Title/Abstract]) OR "Massive Pulmonary Embolism"[Title/Abstract]) OR "Submassive Pulmonary Embolism"[Title/Abstract]) OR "Acute pulmonary embolism"[Title/Abstract]) OR "Pulmonary Embolism"[Title/Abstract]) OR "Pulmonary shunt"[Title/Abstract]) OR "pulmonary artery filling defect"[Title/Abstract]) OR "lung embolism"[Title/Abstract]) OR "lung embolization"[Title/Abstract]) OR "lung microembolism"[Title/Abstract]) OR "lung microembolism"[Title/Abstract]) OR "lung microembolism"[Title/Abstract]) OR "lung microembolization"[Title/Abstract]) OR "lung microembolism"[Title/Abstract]) OR "pulmonary embolization"[Title/Abstract]) OR "pulmonary embolus"[Title/Abstract]) OR "pulmonary embolus"[Title/Abstract]) OR "pulmonary	5,386

microembolism"[Title/Abstract]) OR "Pulmonary thromboembolic disease"[Title/Abstract]) AND "Pulmonary Embolism"[MeSH Terms]) AND Abstract] OR "percutaneous thrombectomy"[Title/Abstract]) OR "Percutaneous Coronary Intervention"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolytic therapy"[Title/Abstract]) OR "CDT"[Title/Abstract]) OR "catheter based thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "Mechanical Thrombolysis"[Title/Abstract]) OR "mechanical clot disruption"[Title/Abstract]) OR "Atherectomy"[Title/Abstract]) OR ((((("plaque, atherosclerotic"[MeSH Terms] OR ("plaque"[All Fields] AND "atherosclerotic"[All Fields])) OR "atherosclerotic plaque"[All Fields]) OR "atheroma" [All Fields]) OR "atheromas"[All Fields]) AND "resection"[Title/Abstract])) OR "percutaneous transluminal angioplasty"[Title/Abstract]) OR "percutaneous transluminal"[Title/Abstract]) OR (("transluminal"[All Fields] OR "transluminally"[All Fields]) AND "artery dilatation"[Title/Abstract])) OR "transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy" [MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])) OR (((("antithrombogenic agent"[Title/Abstract] OR "Antithrombic Drug"[Title/Abstract])

	1		
		OR "fibrinoly*"[Title/Abstract]) OR	
		"thromboly*"[Title/Abstract]) OR	
		("Fibrinolytic Agents"[MeSH Terms]	
		OR "Fibrinolytic	
		Agents"[Pharmacological Action])))	
		(((((((((("Embolectomy"[Title/A	
		bstract] OR "percutaneous	
		thrombectomy"[Title/Abstract]) OR	
		"Percutaneous Coronary	
		Intervention"[Title/Abstract]) OR	
		"catheter directed	
		thrombolysis"[Title/Abstract]) OR	
		"catheter directed thrombolytic	
		therapy"[Title/Abstract]) OR	
		"CDT"[Title/Abstract]) OR "catheter	
		based thrombectomy"[Title/Abstract])	
		OR "catheter directed	
		thrombectomy"[Title/Abstract]) OR "endovascular	
		embolectomy"[Title/Abstract]) OR	
		"endovascular	
		thrombectomy"[Title/Abstract]) OR	
		"Mechanical	
		Thrombolysis"[Title/Abstract]) OR	
		"mechanical clot	
		disruption"[Title/Abstract]) OR	
		"Atherectomy"[Title/Abstract]) OR	
		((((("plaque, atherosclerotic"[MeSH	
		Terms] OR ("plaque"[All Fields] AND	
10	#6 OR #9	"atherosclerotic"[All Fields])) OR	284,213
10		"atherosclerotic plaque"[All Fields])	20 :,210
		OR "atheroma"[All Fields]) OR	
		"atheromas"[All Fields]) AND	
		"resection"[Title/Abstract])) OR	
İ		"percutaneous transluminal	
		angioplasty"[Title/Abstract]) OR	
İ		"percutaneous	
		transluminal"[Title/Abstract]) OR	
		(("transluminal"[All Fields] OR	
		"transluminally"[All Fields]) AND	
		"artery dilatation"[Title/Abstract])) OR	
		"transluminal	
		angioplasty"[Title/Abstract]) OR	
		((((("Mechanical	
		Thrombolysis"[MeSH Terms] OR	
		"Endovascular Procedures"[MeSH	
		Terms:noexp]) OR	
		"Angioplasty"[MeSH Terms:noexp])	
		OR "Atherectomy" [MeSH Terms]) OR	
		"Percutaneous Coronary	
		Intervention"[MeSH Terms:noexp])	
		OR "atherectomy, coronary"[MeSH	
		Terms])) OR (((("antithrombogenic	
		agent"[Title/Abstract] OR	
		"Antithrombic Drug"[Title/Abstract])	
		Andunomore Drug [True/Austract])	

9	#7 OR #8	OR "fibrinoly*"[Title/Abstract]) OR "thromboly*"[Title/Abstract]) OR ("Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action])) "antithrombogenic agent"[Title/Abstract] OR "Antithrombic Drug"[Title/Abstract] OR "fibrinoly*"[Title/Abstract] OR "thromboly*"[Title/Abstract] OR "Fibrinolytic Agents"[MeSH Terms] OR "Fibrinolytic Agents"[Pharmacological Action]	211,598
8	("Fibrinolytic Agents"[Mesh]) OR "Fibrinolytic Agents" [Pharmacological Action]	"Fibrinolytic Agents" [MeSH Terms] OR "Fibrinolytic Agents" [Pharmacological Action]	170,314
7	"antithrombogenic agent"[Title/Abstract] OR "Antithrombic Drug"[Title/Abstract] OR fibrinoly*[Title/Abstract] OR thromboly*[Title/Abstract]	"antithrombogenic agent"[Title/Abstract] OR "Antithrombic Drug"[Title/Abstract] OR "fibrinoly*"[Title/Abstract] OR "thromboly*"[Title/Abstract]	68,961
6	#4 OR #5	((((((((((((((((((((((((((((((((((((((	85,716

"percutaneous transluminal angioplasty" [Title/Abstract]) OR "percutaneous transluminal" [Title/Abstract]) OR ("("ransluminal" [Title/Abstract]) OR "transluminal" [Title/Abstract]) OR "transluminal" [Title/Abstract]) OR ("("Mechanical Thrombolysis" [MeSH Terms] OR "Endovascular procedures" [MeSH Terms] OR "Percutaneous Coronary Intervention" [MeSh Terms] OR "Angioplasty" [Mesh] OR "Angioplasty" [Mesh] Terms] OR "Angioplasty" [Mesh] Terms] OR "Mechanical Thrombolysis" [Mesh] OR "Angioplasty" [Mesh] Terms] OR "Percutaneous Coronary [Mesh] OR "Percutaneous Coronary [Mesh] OR "Percutaneous Coronary [Mesh] OR "Percutaneous Coronary [Mesh] Terms] OR "Percutaneous Coronary [Mesh] Terms] OR "Percutaneous Coronary [Mesh] Terms] OR "Percutaneous Coronary [Mesh] Terms] OR "Percutaneous Coronary [Mesh] Terms] OR "Percutaneous Coronary [Mesh] Terms] OR "Percutaneous Coronary [Mesh] Terms] OR "Percutaneous Coronary [Mesh] Terms] OR "Coronary" [Mesh] Term		T		T
"percutaneous transluminal"[Title/Abstract]) OR (("transluminal"[All Fields]) AND "artery dilatation"[Title/Abstract]) OR (("("Mechanical Thrombolysis"[MeSH Terms]) OR "Endovascular Procedures"[MeSH Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms], OR "Percutaneous Coronary Intervention"[MeSH Terms], OR "Percutaneous Coronary Intervention"[MeSH Terms], OR "Percutaneous Coronary Intervention"[MeSH Terms], OR "Angioplasty"[MeSh], OR "Angioplasty"[MeSh], OR "Angioplasty"[MeSh], OR "Percutaneous Coronary Intervention"[MeSh], OR "Percutaneous Coronary Intervention"[MeSh], OR "Percutaneous Coronary Intervention"[MeSh], OR "Percutaneous Coronary Intervention"[MeSh] Terms:noexp], OR "Angioplasty"[MeSh] Terms:noexp], OR "atherectomy, Intervention"[MeSh] Terms:noexp], OR "atherectomy, Intervention"			"percutaneous transluminal	
transluminal"[Title/Abstract]) OR (("transluminal"[All Fields]) OR "transluminal"]"[All Fields]) AND "artery dilatation"[Title/Abstract]) OR "transluminal angioplasty"[Title/Abstract]) OR (((("Mechanical Thrombolysis"[MeSH Terms]) OR "Endovascular Procedures"[Mesh:NoExp] ) OR "Angioplasty"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp] OR "Brecutaneous Coronary"[MeSH Terms]) OR "Angioplasty"[Mesh Terms:noexp] OR "Angioplasty"[MeSH Terms]) OR "Angioplasty"[MeSH Terms]) OR "Angioplasty"[MeSH Terms] OR "Percutaneous"[MeSH Terms] OR "Angioplasty"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noe				
((("transluminal"[All Fields] OR "transluminally"[All Fields]) AND "artery dilatation" [Title/Abstract]) OR "transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms]) OR "Procedures"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoExp]) OR "Angioplasty"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noexp] OR "Procedures" [Mesh:NoExp]) OR "Atherectomy, [Mesh:NoExp]) OR "Atherectomy, [Mesh:NoExp]) OR "Atherectomy, [Mesh:NoExp]) OR "Atherectomy, [Mesh:NoExp]) OR "Atherectomy, [Title/Abstraction] OR percutaneous thrombectomy[Title/Abstraction] OR catheter directed thrombolysis] [Title/Abstraction] OR catheter directed thrombolysis [Title/Abstraction] OR catheter directed thrombolysis [Title/Abstraction] OR "catheter directed thrombolysis] [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thrombolysis" [Title/Abstraction] OR "catheter directed thromb				
"transluminally"[All Fields]) AND "artery dilatation"[Title/Abstract]) OR "transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Angioplasty"[MeSH Terms] OR "Percutaneous Coronary Intervention"[MeSh:NoEx p]) OR "Angioplasty"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoEx p]) OR "Atherectomy, Coronary"[Mesh] (Coronary"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoEx p]) OR "Atherectomy, Coronary"[Mesh] (Embolectomy[Title/Abstract] OR percutaneous thrombectomy[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR catheter directed thromboctomy[Title/Abstract] OR catheter directed thromboctomy[Title/Abstract] OR "catheter directed thromboctomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thromboly			transluminal"[Title/Abstract]) OR	
"transluminally"[All Fields]) AND "artery dilatation"[Title/Abstract]) OR "transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Angioplasty"[MeSH Terms] OR "Percutaneous Coronary Intervention"[MeSh:NoEx p]) OR "Angioplasty"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoEx p]) OR "Atherectomy, Coronary"[Mesh] (Coronary"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoEx p]) OR "Atherectomy, Coronary"[Mesh] (Embolectomy[Title/Abstract] OR percutaneous thrombectomy[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR catheter directed thromboctomy[Title/Abstract] OR catheter directed thromboctomy[Title/Abstract] OR "catheter directed thromboctomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thromboly			(("transluminal"[All Fields] OR	
"artery dilatation" [Title/Abstract]) OR "transluminal angioplasty" [Title/Abstract]) OR ((((("Mechanical Thrombolysis" [MeSH Terms] OR "Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms:noexp]) OR "angioplasty" [MeSH Terms:noexp]) OR "angioplasty" [MeSh:NoExp]) OR "Angioplasty" [Mesh:NoExp]) OR "Angioplasty" [Mesh:NoExp]) OR "Angioplasty" [Mesh:NoExp]) OR "Atherectomy [Mesh] OR "Percutaneous Coronary Intervention" [Mesh:NoExp]) OR "Atherectomy. [MeSH Terms:noexp] OR "Atherectomy. [Mesh] OR "Percutaneous Coronary Intervention" [Mesh:NoExp]) OR "Atherectomy. [MeSH Terms] OR "Atherectomy. [Mesh] OR "Terms]  (((((((((((((((((((((((((((((((((((				
"transluminal angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])  (((((("Mechanical Thrombolysis"[MeSH Terms:noexp]) OR "Atherectomy, coronary"[MeSH Terms])  (((((("Mechanical Thrombolysis"[MeSH Terms:noexp]) OR "Atherectomy, coronary"[MeSH Terms])  "Mechanical Thrombolysis"[MeSH Terms])  "Angioplasty"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noexp] OR "Angioplasty"[MeSH Terms:noexp] OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp] OR "Terms]  ("((((((((((((((((((((((((((((((((((			·	
angioplasty"[Title/Abstract]) OR ((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy, [MeSH Terms:noexp]) OR "Endovascular Procedures"[Mesh:NoExp ]) OR "Angioplasty"[Mesh]) OR "Angioplasty"[Mesh]) OR "Atherectomy"[Mesh:NoExp ]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoExp p]) OR "Atherectomy, Coronary"[Mesh] (Embolectomy[Title/Abstract]) OR percutaneous thrombectomy[Title/Abstract] of Catheter directed thrombolysis [Title/Abstract] of Catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR "Catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstr				
((((("Mechanical Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy, [MeSH Terms:noexp]) OR "Atherectomy, [MeSH Terms])  (((((("Mechanical Thrombolysis"[MeSH) Terms]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "Endovascular Procedures"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoExp]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoExp]) OR "Atherectomy, Coronary"[Mesh]  (Embolectomy[Title/Abstract] OR percutaneous coronary intervention"[Title/Abstract] OR percutaneous sthrombectomy[Title/Abstract] OR catheter directed thrombolysis [Title/Abstract] OR catheter directed thrombolysis ("CDT"[Title/Abstract]) OR "catheter directed thrombolytic therapy[Title/Abstract] OR "CDT"[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Ab				
Thrombolysis"[MeSH Terms] OR "Endovascular Procedures"[MeSH Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms:noexp]) OR "atherectomy. [MeSH Terms:noexp]) OR "atherectomy. [MeSH Terms:noexp]) OR "angioplasty"[MeSh Terms])  ((((((("Mechanical Thrombolysis"[MeSh]) OR "Endovascular Procedures"[MeSh Terms] OR "Angioplasty"[MeSh Terms] OR "Angioplasty"[MeSH Terms:noexp] OR "Atherectomy. [MeSh] OR "Percutaneous Coronary Intervention"[Mesh:NoEx p]) OR "Atherectomy. Coronary"[MeSh]  (Embolectomy[Title/Abstract] OR percutaneous thrombectomy[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] of Catheter directed thrombolysis[Title/Abstract] OR Catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter dire				
"Endovascular Procedures" [MeSH Terms:noexp]) OR "Angioplasty" [MeSH Terms]) OR "Percutaneous Coronary Intervention" [MeSH Terms]) OR "Percutaneous Coronary" [MeSH Terms]) OR "Berndovascular Procedures" [Mesh:NoExp]) OR "Angioplasty" [Mesh:NoExp]) OR "Atherectomy [Mesh:NoExp]) OR "Atherectomy [Mesh:NoExp]) OR "Atherectomy [Mesh]) OR "Percutaneous Coronary Intervention" [Mesh:NoExp]) OR "Atherectomy [Mesh] OR "Percutaneous Coronary Intervention" [Mesh:NoExp]) OR "Atherectomy [Mesh] ("Percutaneous Coronary Intervention" [Mesh:NoExp]) OR "Atherectomy [Mesh] ("Intervention" [Mesh:NoExp]) OR "atherectomy [Title/Abstract] OR "percutaneous coronary intervention" [Intervention" [I				
Terms:noexp]) OR "Angioplasty"[MeSH Terms:noexp]) OR "Percutaneous Coronary Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])  [(((("Mechanical Thrombolysis"[MeSH Terms]) OR "Beroutaneous (Procedures"[Mesh:NoExplant)) OR "Angioplasty"[Mesh:NoExplant]) OR "Angioplasty"[Mesh:NoExplant]) OR "Percutaneous (Procedures"[Mesh]) OR "Percutaneous (Procedures"[Mesh] Terms] OR "Angioplasty"[Mesh] Terms] OR "Procedures"[Mesh] Terms:noexp] OR "Angioplasty"[Mesh] Terms:noexp] OR "Angioplasty"[Mesh] Terms] OR "Precutaneous Coronary Intervention"[Mesh:NoExplant]) OR "Angioplasty"[Mesh] Terms] OR "Precutaneous Coronary "Intervention"[Mesh] Terms] OR "Precutaneous Coronary "Intervention"[Mesh] Terms] OR "Precutaneous Coronary "Intervention"[Mesh] Terms] OR "atherectomy, coronary"[Mesh] Terms]  [(((((((((((((((((((((((((((((((((((				
"Angioplasty"[MeSH Terms:noexp]) OR "Atherectomy"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms]) OR "Endovascular Procedures"[Mesh:NoExp ]) OR "Angioplasty"[Mesh:NoExp ]) OR "Angioplasty"[Mesh:NoExp ]) OR "Angioplasty"[Mesh:NoExp ]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoExp ]) OR "Atherectomy, Coronary"[MeSH Terms:noexp] Intervention"[Mesh:NoExp ]) OR "Atherectomy, Coronary"[MeSH Terms:noexp] Intervention"[Mesh:NoExp ]) OR "Atherectomy, Coronary"[MeSH Terms:noexp] Intervention"[Mesh:NoExp ]) OR "Atherectomy, Coronary"[MeSH Terms:noexp] OR "Atherectomy, Coronary"[MeSH Terms:noexp] OR "Tatherectomy, Coronary"[MeSH Terms:noexp] OR "Atherectomy, Coronary"[MeSH Terms:noexp] OR "Tercutaneous Coronary Intervention"[MeSH Terms:noexp] OR "Atherectomy, [MeSH Terms:noexp] OR "Atherectomy, [Title/Abstract]) OR "erutaneous coronary intervention"[Title/Abstract]) OR "catheter directed thrombolysis"[Title/Abstract]) OR "catheter directed thrombectomy, [Title/Abstract]) OR "catheter directed th			_	
OR "Atherectomy" [MeSH Terms] OR "Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])  (((((("Mechanical Thrombolysis" [Mesh]) OR "Endovascular Procedures" [Mesh:NoExp ]) OR "Angioplasty" [Mesh:NoE xp]) OR "Atherectomy" [Mesh]) OR "Percutaneous Coronary Intervention" [Mesh:NoExp ]) OR "Atherectomy, [MeSH Terms:noexp] OR "Atherectomy" [Mesh Terms:noexp] OR "Tercutaneous Coronary Intervention" [Mesh:NoExp]) OR "Atherectomy, coronary" [MeSH Terms] OR "Tercutaneous Coronary Intervention" [MeSH Terms:noexp] OR "Tercutaneous Coronary Intervention" [MeSH Terms:noexp] OR "Tercutaneous Coronary Intervention" [MeSH Terms:noexp] OR "Tercutaneous Coronary Intervention" [MeSH Terms:noexp] OR "Terms] OR "Angioplasty" [MeSH Terms] OR "Tercutaneous Coronary Intervention" [MeSH Terms:noexp] OR "Terms] OR "Endovascular "Procedures" [MeSH Terms:noexp] OR "Terms] OR "Endovascular "Procedures" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Intervention" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Tercutaneous Coronary Intervention" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Tercutaneous Coronary [MeSH Terms:noexp] OR "Tercutaneous Coronary [Intervention" [MeSH Terms:noexp] OR "Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Tercutaneous Coronary [Intervention" [MeSH Terms:noexp] OR "Tercutaneous Coronary [Intervention" [MeSH Terms:noexp] OR "Terms] OR "Terms] OR "Angioplasty" [MeSH Terms] OR "Angioplasty" [MeSH Terms:noexp] OR "Terveution" [MeSH Terms:noexp] OR "Terveution" [MeSH Terms:noexp] OR "Terveuti			Terms:noexp]) OR	
"Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])  (((((("Mechanical Thrombolysis" [MeSH Terms])) OR "Endovascular Procedures" [Mesh:NoExp]) OR "Angioplasty" [Mesh:NoExp]) OR "Atherectomy" [Mesh Terms:noexp] OR "Angioplasty" [Mesh Terms:noexp] OR "Angioplasty" [MeSH Terms:noexp] OR "Angioplasty" [MeSH Terms:noexp] OR "Angioplasty" [MeSH Terms:noexp] OR "Atherectomy" [MeSH Terms:noexp] OR "Atherectomy" [MeSH Terms:noexp] OR "The codures "[MeSH Terms:noexp] OR "Atherectomy" [MeSH Terms:noexp] OR "The codures "[MeSH Ter			"Angioplasty"[MeSH Terms:noexp])	
"Percutaneous Coronary Intervention" [MeSH Terms:noexp]) OR "atherectomy, coronary" [MeSH Terms])  (((((("Mechanical Thrombolysis" [MeSH Terms])) OR "Endovascular Procedures" [Mesh:NoExp]) OR "Angioplasty" [Mesh:NoExp]) OR "Atherectomy" [Mesh Terms:noexp] OR "Angioplasty" [Mesh Terms:noexp] OR "Angioplasty" [MeSH Terms:noexp] OR "Angioplasty" [MeSH Terms:noexp] OR "Angioplasty" [MeSH Terms:noexp] OR "Atherectomy" [MeSH Terms:noexp] OR "Atherectomy" [MeSH Terms:noexp] OR "The codures "[MeSH Terms:noexp] OR "Atherectomy" [MeSH Terms:noexp] OR "The codures "[MeSH Ter			OR "Atherectomy" [MeSH Terms]) OR	
Intervention"[MeSH Terms:noexp]) OR "atherectomy, coronary"[MeSH Terms])  (((((("Mechanical Thrombolysis"[MeSH Terms]))  (R "Endovascular Procedures"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoExp]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoExp]) OR "Atherectomy, Coronary"[Mesh]  (Embolectomy[Title/Abstract] OR percutaneous thrombectomy[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR CDT[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thr			¥ - 2/	
OR "atherectomy, coronary" [MeSH Terms])  (((((("Mechanical Thrombolysis" [Mesh]) OR "Endovascular Procedures" [Mesh:NoExp]) OR "Angioplasty" [Mesh:NoE xp]) OR "Atherectomy" [Mesh]) OR "Percutaneous Coronary Intervention" [Mesh:NoExp]) OR "Atherectomy, Coronary [Mesh]  (Embolectomy[Title/Abstract] OR percutaneous coronary intervention [Title/Abstract] OR catheter directed thrombolysis [Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy"[Title/Abstract]) OR "cathete				
((((("Mechanical Thrombolysis"[MeSH Procedures"[Mesh:NoExp]) OR "Endovascular Procedures"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoE xp]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoExp]) OR "Atherectomy, Coronary"[Mesh]  (Embolectomy[Title/Abstract] OR percutaneous coronary intervention[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstrac				
((((("Mechanical Thrombolysis"[Mesh]) OR "Endovascular Procedures"[Mesh:NoExp ]) OR "Angioplasty"[Mesh:NoE xp]) OR "Angioplasty"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoExp p]) OR "Atherectomy, Coronary"[Mesh]  (Embolectomy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombeotomy[Title/Abstract] OR catheter directed thrombeotomy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascula			, , , , , , , , , , , , , , , , , , ,	
Thrombolysis"[Mesh]) OR "Endovascular Procedures"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoE xp]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoExp]) OR "Atherectomy, Coronary"[Mesh] (Embolectomy[Title/Abstract] OR percutaneous coronary intervention[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR CDT[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		((((("Mechanical	1011115])	
OR "Endovascular Procedures" [Mesh:NoExp ]) OR "Angioplasty" [Mesh:NoE xp]) OR "Atherectomy" [Mesh]) OR "Percutaneous Coronary Intervention" [Mesh:NoEx p]) OR "Atherectomy, Coronary [Imesh]  (Embolectomy [Title/Abstract] OR percutaneous coronary intervention [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "endovascular act] OR catheter directed thrombectomy [Title/Abstract]) OR "endovascular thrombectomy "[Title/Abstract]) OR		* * * * * *		
Procedures"[Mesh:NoExp]) OR "Angioplasty"[Mesh:NoE xp]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoEx p]) OR "Atherectomy, Coronary"[Mesh]  (Embolectomy[Title/Abstract] OR percutaneous thrombectomy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract]  OR "catheter directed thrombolytic therapy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "endovascular "coronary intervention"[MesH Terms:noexp] OR "Atherectomy"[MesH Terms:noexp] OR "Percutaneous Coronary "atherectomy, coronary"[MesH Terms]  (((((((((((((((((((((((((((((((((((		·	WMoohomical Thursday about MENA CIT	
]) OR "Angioplasty"[Mesh:NoE xp]) OR "Atherectomy"[Mesh]) OR "Percutaneous Coronary Intervention"[Mesh:NoEx p]) OR "Atherectomy, Coronary"[Mesh]  (Embolectomy[Title/Abstr act] OR percutaneous thrombectomy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstra			· · · · · · · · · · · · · · · · · · ·	
"Angioplasty" [Mesh: NoE xp]) OR "Atherectomy" [Mesh]) OR "Percutaneous Coronary Intervention" [Mesh: NoEx p]) OR "Atherectomy, Coronary" [Mesh]  (Embolectomy [Title/Abst ract] OR percutaneous thrombectomy [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract]) OR "CDT" [Title/Abstract]) OR "catheter directed thrombectomy" [Title/Abstract]) OR "catheter directed thrombectomy" [Title/Abstract]) OR "catheter directed thrombectomy" [Title/Abstract]) OR "catheter directed thrombectomy" [Title/Abstract]) OR "endovascular thrombectomy" [Title/				
Samply OR   "Atherectomy" [Mesh]   OR "Atherectomy" [Mesh]   OR "Percutaneous Coronary Intervention" [Mesh: NoEx p]) OR "Atherectomy, Coronary" [Mesh]   (Embolectomy [Title/Abstract] OR percutaneous thrombectomy [Title/Abstract] OR percutaneous coronary intervention [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR "catheter directed thrombectomy [Title/Abstract] OR "catheter directed thrombectomy [Title/Abstract] OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "endovascular embolectomy "[Title/Abstract]) OR "endovascular thrombectomy [Title/Abstract]) OR "endovascular thrombectomy		=/		
"Atherectomy" [Mesh]) OR "Percutaneous Coronary Intervention" [Mesh:NoEx p]) OR "Atherectomy, Coronary" [Mesh]  (Embolectomy [Title/Abstract] OR percutaneous thrombectomy [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR CDT [Title/Abstract] OR CDT [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter directed thromboctomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract]) OR catheter directed thrombectomy [Title/Abstract]) OR catheter directed thrombectomy [Title/Abstract]) OR catheter directed thrombectomy [Title/Abstract]) OR "endovascular embolectomy" [Title/Abstract]) OR "endovascular thrombectomy [Title/Abstract]) OR "endovascular thrombectomy" [Title/Abstract]) OR "endovascular		"Angioplasty"[Mesh:NoE		
OR "Percutaneous Coronary Intervention" [Mesh:NoEx p]) OR "Atherectomy, Coronary" [Mesh]  (Embolectomy[Title/Abst ract] OR percutaneous thrombectomy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascular thr	5	xp]) OR	OR "Atherectomy"[MeSH Terms] OR	45,246
Coronary   Intervention" [Mesh: NoEx p]) OR "Atherectomy, Coronary" [Mesh]   (Embolectomy [Title/Abst ract] OR percutaneous thrombectomy [Title/Abstr act] OR percutaneous coronary intervention [Title/Abstract] OR catheter directed thrombolysis [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "endovascular embolectomy" [Title/Abstract]) OR "endovascular thrombectomy" [Title/Ab		"Atherectomy"[Mesh])	"Percutaneous Coronary	
Intervention" [Mesh: NoEx p]) OR "Atherectomy, Coronary" [Mesh]  (Embolectomy [Title/Abst ract] OR percutaneous thrombectomy [Title/Abstract] OR percutaneous coronary intervention [Title/Abstract] OR catheter directed thrombolysis [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "endovascular embolectomy [Title/Abstract]) OR "endovascular thrombectomy [Titl		OR "Percutaneous	Intervention"[MeSH Terms:noexp] OR	
Intervention" [Mesh: NoEx p]) OR "Atherectomy, Coronary" [Mesh]  (Embolectomy [Title/Abst ract] OR percutaneous thrombectomy [Title/Abstract] OR percutaneous coronary intervention [Title/Abstract] OR catheter directed thrombolysis [Title/Abstract] OR catheter directed thrombolytic therapy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter based thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract] OR catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "catheter directed thrombectomy [Title/Abstract]) OR "endovascular embolectomy [Title/Abstract]) OR "endovascular thrombectomy [Titl		Coronary	"atherectomy, coronary"[MeSH	
p]) OR "Atherectomy, Coronary" [Mesh]  (Embolectomy[Title/Abst ract] OR percutaneous thrombectomy[Title/Abstr act] OR percutaneous coronary intervention[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] or Catheter directed thrombolytic therapy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascular		I		
Coronary"[Mesh]  (Embolectomy[Title/Abst ract] OR percutaneous thrombectomy[Title/Abstr act] OR percutaneous coronary intervention[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstra			1	
(Embolectomy[Title/Abst ract] OR percutaneous thrombectomy[Title/Abstr act] OR percutaneous coronary intervention[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		1 2 2		
ract] OR percutaneous thrombectomy[Title/Abstr act] OR percutaneous coronary intervention[Title/Abstrac t] OR catheter directed thrombolysis[Title/Abstra ct] OR catheter directed thrombolysis[Title/Abstra ct] OR catheter directed thrombolytic ct] OR catheter directed thrombolytic Therapy[Title/Abstract] OR CDT[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR			(((((((((((("Embolectomy"[Title/Ab	
thrombectomy[Title/Abstr act] OR percutaneous coronary intervention"[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] OR catheter directed thrombolytic ct] OR catheter directed thrombolytic therapy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed based thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		` • • • • • • • • • • • • • • • • • •	***************************************	
act] OR percutaneous coronary intervention" [Title/Abstract] OR intervention[Title/Abstrac t] OR catheter directed thrombolysis [Title/Abstrac t] OR catheter directed thrombolytic therapy [Title/Abstract] OR coronary intervention" [Title/Abstract] OR catheter directed thrombolysis" [Title/Abstract] OR "catheter directed thrombolytic therapy" [Title/Abstract] OR "CDT" [Title/Abstract] OR "catheter directed thrombectomy" [Title/Abstract] OR "catheter directed thrombectomy" [Title/Abstract] OR "endovascular embolectomy" [Title/Abstract] OR "endovascular thrombectomy" [Title/Abstract] OR "endovascular thrombectomy" [Title/Abstract] OR				
coronary intervention[Title/Abstract] OR intervention[Title/Abstract] OR catheter directed thrombolysis[Title/Abstract] CP CPT"[Title/Abstract] OR "catheter directed thrombolytic therapy[Title/Abstract] OR CDT[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR thrombectomy[Title/Abstract] OR "endovascular thrombectomy"[Title/Abstract]) OR  "catheter directed thrombolytic therapy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR				
intervention[Title/Abstract t] OR catheter directed thrombolysis"[Title/Abstract]) OR thrombolytic therapy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed based thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombolytic therapy"[Title/Abstract]) OR "catheter directed based thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		_		
t] OR catheter directed thrombolysis[Title/Abstract] OR catheter directed thrombolytic therapy[Title/Abstract] OR CDT[Title/Abstract] OR catheter based thrombectomy[Title/Abstract] OR catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR				
thrombolysis[Title/Abstra ct] OR catheter directed thrombolytic therapy"[Title/Abstract]) OR "CDT"[Title/Abstract]) OR "catheter based thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombolytic therapy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombolytic therapy"[Title/Abstract]) OR "catheter directed thrombolytic therapy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombolytic therapy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR				
ct] OR catheter directed thrombolytic "CDT"[Title/Abstract]) OR "catheter therapy[Title/Abstract] OR CDT[Title/Abstract] OR catheter based thrombectomy"[Title/Abstract]) OR "catheter directed thrombectomy[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR thrombectomy[Title/Abstract] OR endovascular thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		-	¥ = 2	
thrombolytic therapy[Title/Abstract]  OR CDT[Title/Abstract] OR catheter based thrombectomy[Title/Abstract]) OR catheter based thrombectomy[Title/Abstract]) OR catheter directed thrombectomy[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		_ =	•	
therapy[Title/Abstract] OR CDT[Title/Abstract] OR catheter based thrombectomy[Title/Abstract]) OR catheter directed thrombectomy[Title/Abstract]) OR catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR  "endovascular thrombectomy"[Title/Abstract]) OR		=		
OR CDT[Title/Abstract] OR catheter based thrombectomy[Title/Abstr act] OR catheter directed thrombectomy[Title/Abstr act] OR catheter directed thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		3	2/	
OR catheter based thrombectomy"[Title/Abstract]) OR "endovascular embolectomy"[Title/Abstract]) OR thrombectomy[Title/Abstract] OR endovascular thrombectomy"[Title/Abstract]) OR		1 1 1 1	¥ - 2/	
thrombectomy[Title/Abstr act] OR catheter directed thrombectomy[Title/Abstr act] OR endovascular "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR	4		OR "catheter directed	54,993
thrombectomy[Title/Abstr act] OR catheter directed thrombectomy[Title/Abstr act] OR endovascular "endovascular embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR		OR catheter based	thrombectomy"[Title/Abstract]) OR	
act] OR catheter directed thrombectomy[Title/Abstract] OR embolectomy"[Title/Abstract]) OR "endovascular thrombectomy"[Title/Abstract]) OR			, E 3/	
thrombectomy[Title/Abstr act] OR endovascular thrombectomy"[Title/Abstract]) OR		· -		
act] OR endovascular thrombectomy"[Title/Abstract]) OR				
		l		
Intolectomy interiosità   interiament			* = =	
ct] OR endovascular thrombolysis"[Title/Abstract]) OR		¥ =		
thrombectomy[Title/Abstr "mechanical clot		· -		
act] OR Mechanical disruption"[Title/Abstract]) OR			= =	
Thrombolysis[Title/Abstr		I hrombolysis  Title/Abstr	"atherectomy"  Title/Abstract ) OR	İ
act] OR Mechanical Clot ((((("plaque, atherosclerotic"[MeSH				

			,
	Disruption[Title/Abstract]	Terms] OR ("plaque"[All Fields] AND	
	OR	"atherosclerotic"[All Fields])) OR	
	atherectomy[Title/Abstrac	"atherosclerotic plaque"[All Fields])	
	t] OR atheroma	OR "atheroma"[All Fields]) OR	
	resection[Title/Abstract]	"atheromas"[All Fields]) AND	
	OR percutaneous	"resection"[Title/Abstract])) OR	
	transluminal	"percutaneous transluminal	
	angioplasty[Title/Abstract	angioplasty"[Title/Abstract]) OR	
	OR percutaneous	"percutaneous	
	transluminal[Title/Abstrac	transluminal"[Title/Abstract]) OR	
	t] OR transluminal artery	(("transluminal"[All Fields] OR	
	dilatation[Title/Abstract]	"transluminally"[All Fields]) AND	
	OR transluminal	"artery dilatation"[Title/Abstract])) OR	
	angioplasty[Title/Abstract	"transluminal	
	1)	angioplasty"[Title/Abstract]	
	1/	((((((((((((((((((((((((((((((((((((((	
		Thromboembolism"[Title/Abstract]	
		OR "pulmonary artery	
		thromboembolism"[Title/Abstract])	
		OR "Massive Pulmonary	
		Embolism"[Title/Abstract]) OR	
		"Submassive Pulmonary	
		Embolism"[Title/Abstract]) OR "Acute	
		pulmonary embolism"[Title/Abstract])	
		OR "Pulmonary	
		Embolism"[Title/Abstract]) ) OR	
		"intrapulmonary	
		shunt"[Title/Abstract]) OR "pulmonary	
		artery filling defect"[Title/Abstract])	
		OR "lung embolism"[Title/Abstract])	
3	#1 AND #2	OR "lung	23,456
3	#1 AND #2	embolization"[Title/Abstract]) OR	25,450
		"lung embolus"[Title/Abstract]) ) OR	
		"lung microembolism"[Title/Abstract])	
		OR "lung	
		microembolization"[Title/Abstract]))	
		OR "lung	
		thromboembolism"[Title/Abstract])	
		OR "pulmonary	
		embolization"[Title/Abstract]) OR	
		"pulmonary embolus"[Title/Abstract])	
		OR "pulmonary	
		microembolism"[Title/Abstract]) OR	
		"Pulmonary thromboembolic	
		disease"[Title/Abstract]) AND	
		"Pulmonary Embolism"[MeSH Terms]	
	"Pulmonary		
2	Embolism"[Mesh]	"Pulmonary Embolism"[MeSH Terms]	38,498
	("Pulmonary	"Pulmonary	
	Thromboembolism"[Title/	Thromboembolism"[Title/Abstract]	
	Abstract] OR "pulmonary	_ =	
1	artery	OR "pulmonary artery thromboembolism"[Title/Abstract] OR 40,30	
	thromboembolism"[Title/	"Massive Pulmonary	
	Abstract] OR "Massive	Embolism"[Title/Abstract] OR	
	AUSTRACIJ OK WIRSSIVE	Linounsin [Tiue/Austract] UK	

Pulmonary Embolism"[Title/Abstract ] OR "Submassive **Pulmonary** Embolism"[Title/Abstract ] OR "Acute pulmonary embolism"[Title/Abstract] OR "pulmonary embolism"[Title/Abstract] OR "bronchial vascular hypertrophy"[Title/Abstra ct] OR "intrapulmonary shunt"[Title/Abstract] OR "pulmonary artery filling defect"[Title/Abstract] OR "lung embolism"[Title/Abstract] OR "lung embolization"[Title/Abstr act] OR "lung embolus"[Title/Abstract] OR "lung emboly"[Title/Abstract] OR "lung microembolism"[Title/Ab stract] OR "lung microembolization"[Title/ Abstract] OR "lung microembolus"[Title/Abst ract] OR "lung thromboembolism"[Title/ Abstract] OR "pulmonary embolization"[Title/Abstr act] OR "pulmonary embolus"[Title/Abstract] OR "pulmonary microembolism"[Title/Ab stract] OR "Pulmonary thromboembolic

disease"[Title/Abstract])

"Submassive Pulmonary Embolism"[Title/Abstract] OR "Acute pulmonary embolism"[Title/Abstract] OR "pulmonary embolism "[Title/Abstract] OR "intrapulmonary shunt"[Title/Abstract] OR "pulmonary artery filling defect"[Title/Abstract] OR "lung embolism" [Title/Abstract] OR "lung embolization"[Title/Abstract] OR "lung embolus "[Title/Abstract] OR "lung microembolism"[Title/Abstract] OR "lung microembolization "[Title/Abstract] OR "lung thromboembolism"[Title/Abstract] OR "pulmonary embolization"[Title/Abstract] OR "pulmonary embolus"[Title/Abstract] OR "pulmonary microembolism"[Title/Abstract] OR "Pulmonary thromboembolic disease"[Title/Abstract]

# Syntaxes Used in Database Searches: Cochrane

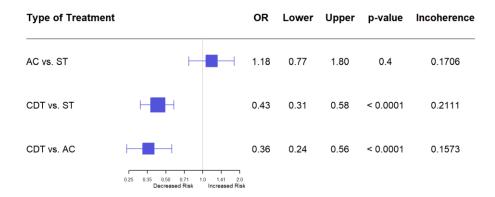
ID	Search	Hits
#1	(pulmonary thromboembolism OR pulmonary artery thromboembolism OR massive pulmonary embolism OR submassive pulmonary embolism OR pulmonary embolism OR pulmonary embolism OR pulmonary embolism OR pulmonary shunt OR pulmonary artery filling defect OR lung embolism OR lung embolization OR lung embolism OR lung microembolism OR lung microembolism OR lung microembolism OR lung microembolism OR pulmonary embolization OR pulmonary embolism OR pulmonary embolism OR pulmonary thromboembolic disease):ti,ab,kw (Word variations have been searched)	5992
#2	MeSH descriptor: [Pulmonary Embolism] explode all trees	1005
#3	#1 OR #2	5992
#4	(Embolectomy OR percutaneous thrombectomy OR percutaneous coronary intervention OR catheter directed thrombolysis OR catheter directed thrombolytic therapy OR CDT OR catheter based thrombectomy OR catheter directed thrombectomy OR endovascular embolectomy OR endovascular thrombectomy OR Mechanical Thrombolysis OR Mechanical Clot Disruption OR atherectomy OR atheroma resection OR percutaneous transluminal angioplasty OR percutaneous transluminal OR transluminal artery dilatation OR transluminal angioplasty):ti,ab,kw (Word variations have been searched)	14838
#5	MeSH descriptor: [Mechanical Thrombolysis] explode all trees	31
#6	MeSH descriptor: [Endovascular Procedures] this term only	398
#7	MeSH descriptor: [Angioplasty] this term only	284
#8	MeSH descriptor: [Atherectomy] explode all trees	142
#9	MeSH descriptor: [Percutaneous Coronary Intervention] this term only	1910
#10	MeSH descriptor: [Atherectomy, Coronary] this term only	118
#11	#5 OR #6 OR #7 OR #8 OR #9 OR #10	2742
#12	#4 OR #11	15364
#13	(fibrinoly* OR thromboly* OR antithrombogenic agent OR Antithrombic Drug):ti,ab,kw (Word variations have been searched)	11078
#14	MeSH descriptor: [Fibrinolytic Agents] explode all trees	2160
#15	#13 OR #14	11078
#16	#12 OR #15	24205
#17	#3 AND #16	543

# Syntaxes Used in Database Searches: Clinical trials

Terms	Search Results*	Entire Database**	
Synonyms			
Pulmonary Embolism	123 studies	520 studies	
Pulmonary embolus	7 studies	20 studies	
Blood Clots in the Lung	2 studies	3 studies	
lung embolism		3 studies	
Pulmonary artery embolism		2 studies	
Embolism	123 studies	2,124 studies	
Embolus	7 studies	59 studies	
Pulmonary	123 studies	23,241 studies	
Lungs	101 studies	21,489 studies	
Pulmo		2 studies	
Fibrinolytic	110 studies	2,197 studies	
Thrombolytic Therapies	9 studies	54 studies	
thrombolytic	120 studies	2,343 studies	
Fibrinolytic Agents	107 studies	2,123 studies	
thrombolysis	25 studies	280 studies	
Antithrombotic Agent	1 studies	19 studies	
Fibrinolytic Drugs		3 studies	
Fibrinolysis	4 studies	115 studies	
thrombolysis	34 studies	355 studies	
thrombolytic	15 studies	123 studies	

Figure S1: In hospital mortality main graph

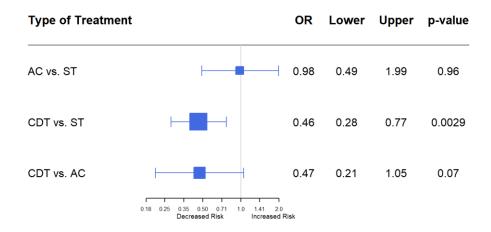
#### In hospital mortality



Quantifying heterogeneity / inconsistency:  $tau^2 = 0.1328$ ; tau = 0.3644;  $tau^2 = 46.1\%$  [17.8%; 64.7%]

#### Figure S2: Transfusion main graph

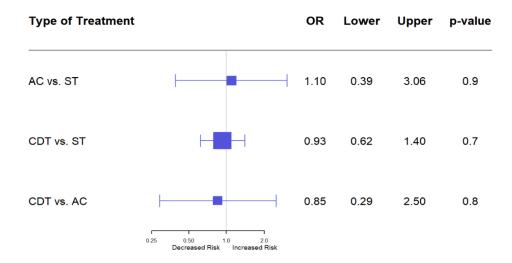
#### **Transfusion**



Quantifying heterogeneity / inconsistency:  $tau^2 = 0.1647$ ; tau = 0.4058; tau = 35.1% [0.0%; 65.0%]

Figure S3: GI main graph

GI



Quantifying heterogeneity / inconsistency:  $tau^2 = 0.2017$ ; tau = 0.4491;

# Table SI: results of primary and secondary outcomes:

OR (95%CI)	Mortality	ICH	Major bleeding	Minor bleeding	GI bleeding	Blood transfusion
AC vs ST	1.20 [0.83; 1.73]	0.33 [0.17; 0.63]	0.49 [0.36; 0.67]	0.35 [0.24; 0.52]	1.10 [0.39; 3.06]	0.98 [0.49; 1.99]
CDT vs ST	0.42 [0.31; 0.57]	0.44 [0.29; 0.64]	0.61 [0.53; 0.70]	1.11 [0.66; 1.86]	0.93 [0.62; 1.40]	0.46 [0.28; 0.77]
CDT vs AC	0.35 [0.24; 0.51]	1.33 [0.63; 2.79]	1.24 [0.88; 1.75]	3.14 [1.73; 5.68]	0.85 [0.29; 2.50]	0.47 [0.21; 1.05]

Figure S4: Combined network meta-analysis primary and secondary outcomes.

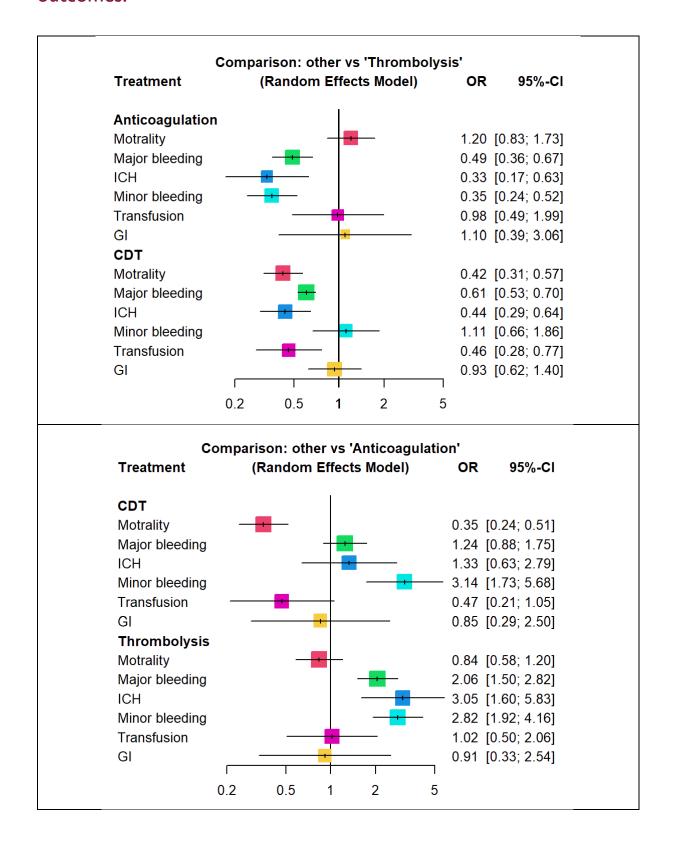


Figure S5: All-cause mortality vs RCT vs NON RCT sensitivity analysis presented in forest plots.

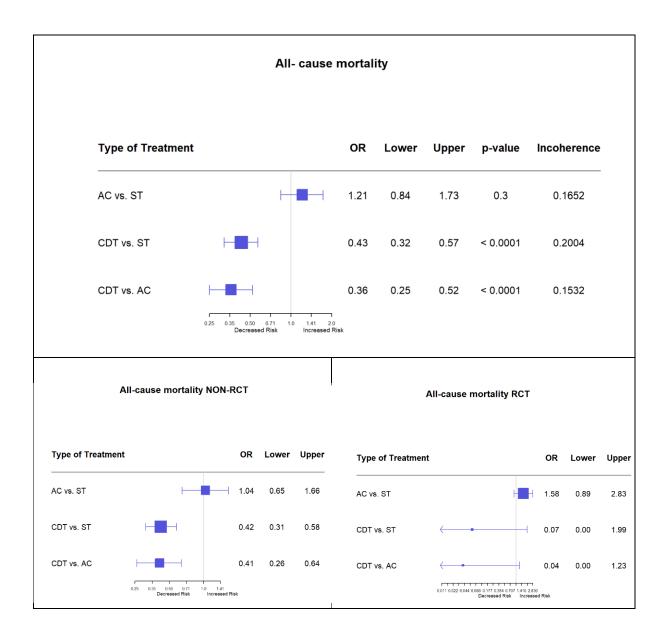


Figure S6: Major bleeding vs RCT vs NON RCT sensitivity analysis presented in forest plots.

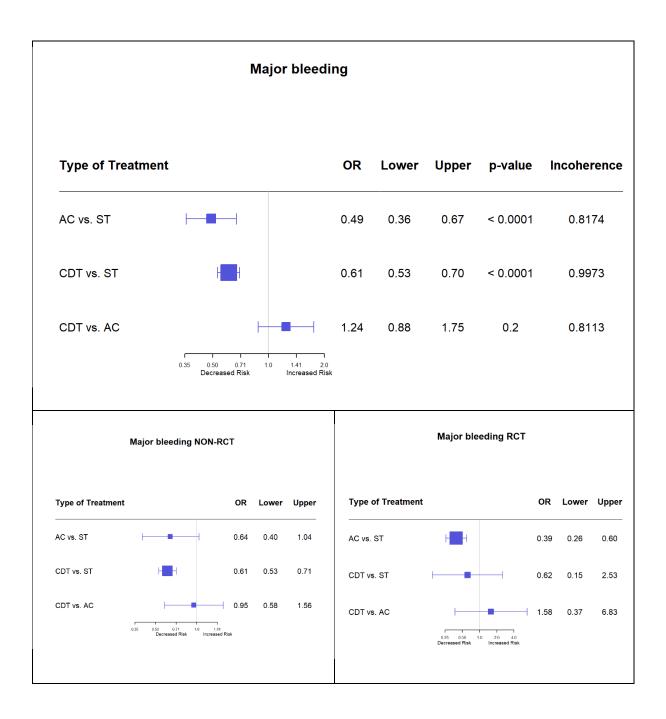


Figure S7: ICH vs RCT vs NON RCT sensitivity analysis presented in forest plots.

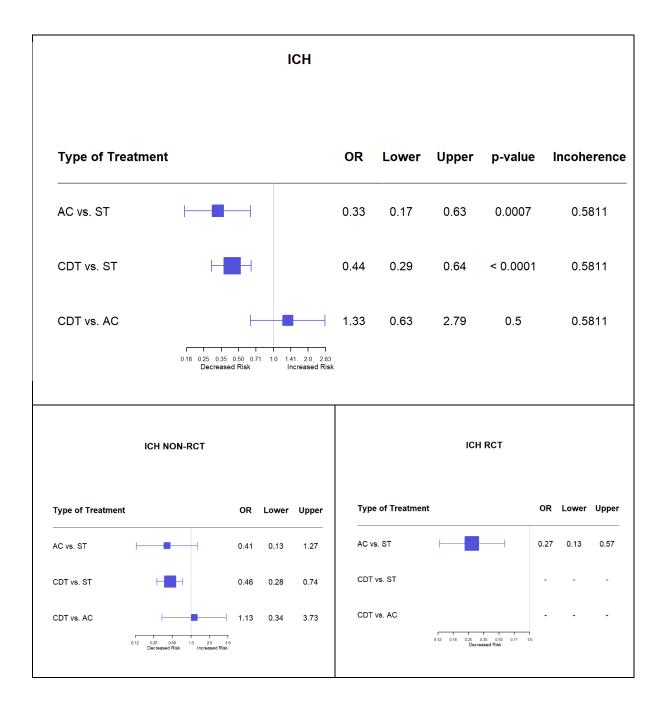


Figure S8: Minor bleeding main and sensitivity forest plots

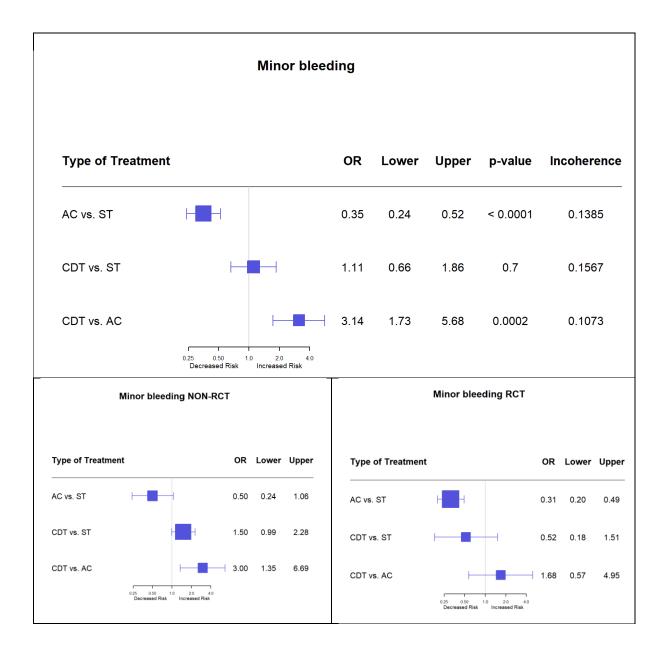


Figure S9: RCT and NON-RCT netgraphs

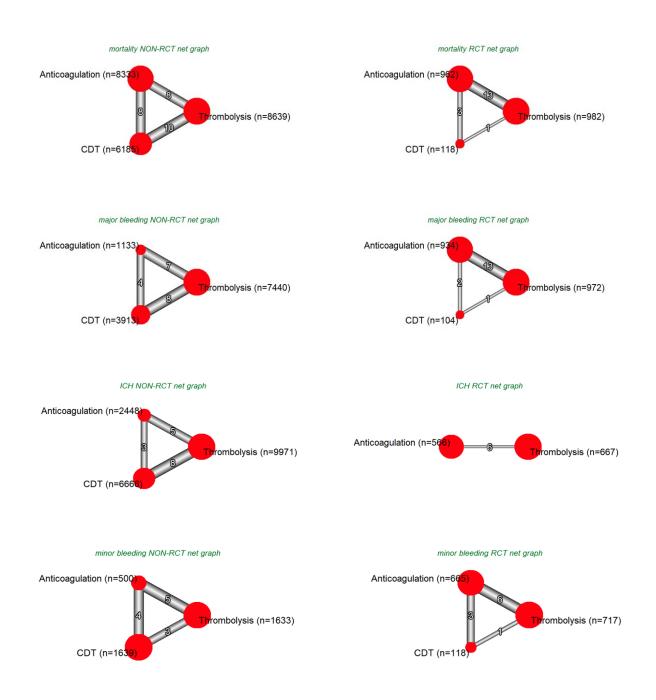


Figure \$10: Sensitivity analysis without "unclear" studies:

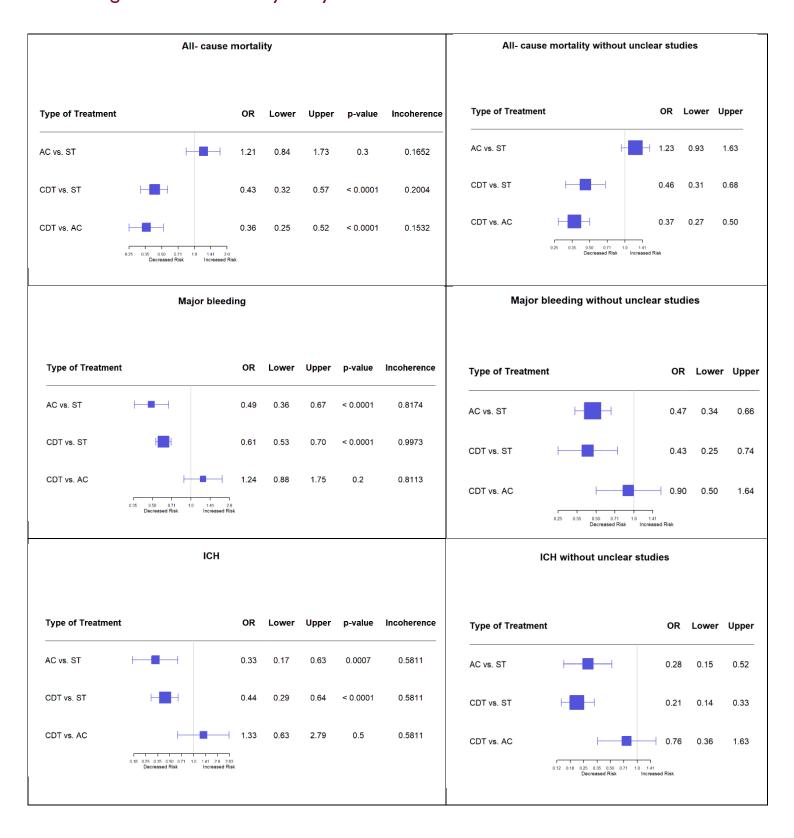


Figure S11: Sensitivity analysis with excluded studies:

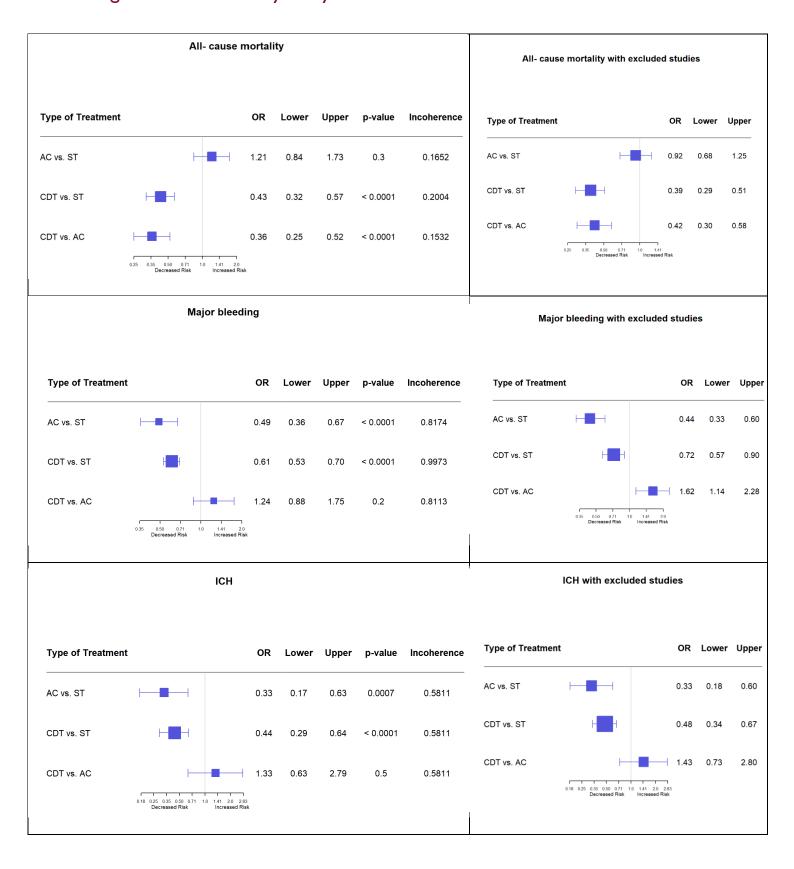


Figure \$12: Combined primary outcomes for "intermediate-high" subgroup analysis and p-score.

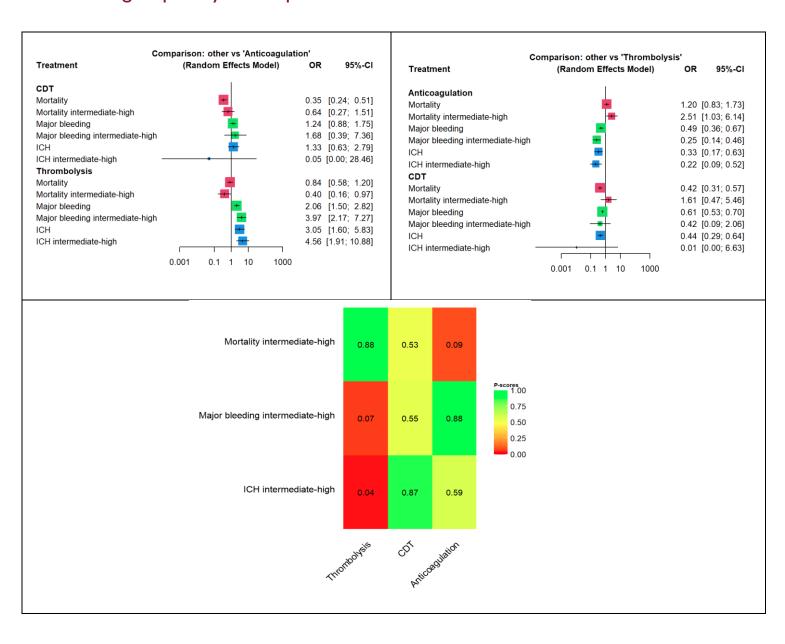
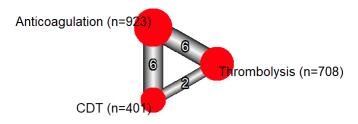
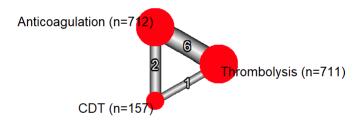


Figure \$13: Netgraphs for "intermediate-high" subgroup

All- cause mortality for "intermediate-high" net graph



Major bleeding for "intermediate-high" net graph



ICH for "intermediate-high" net graph

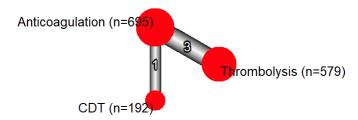
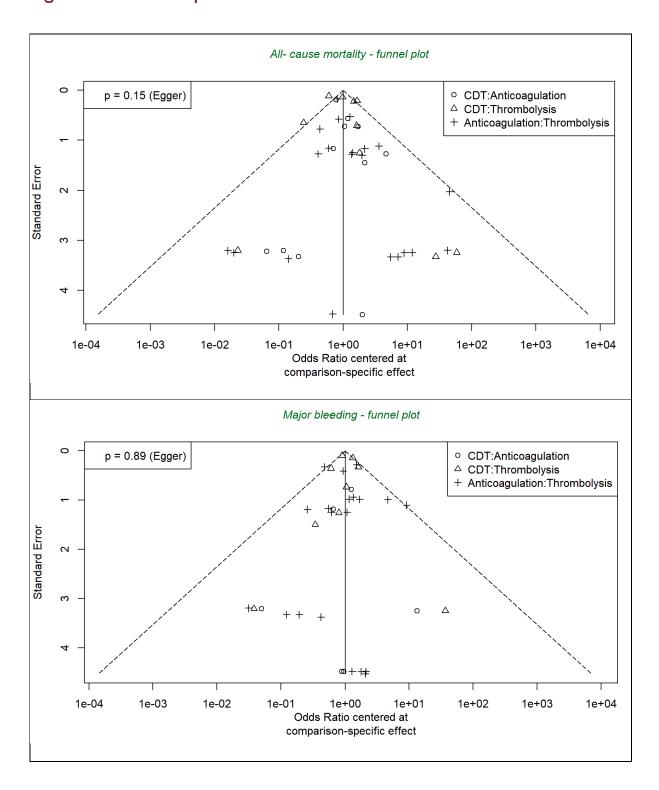
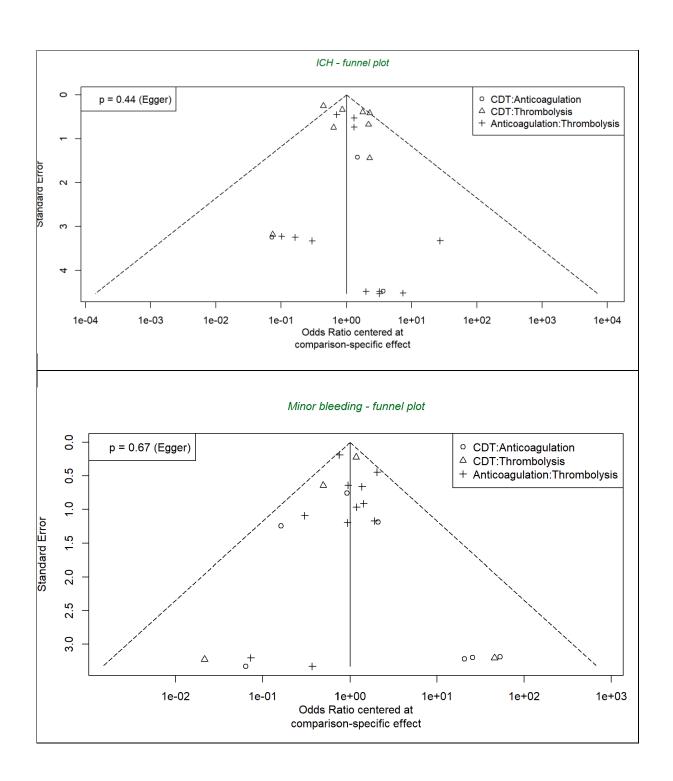
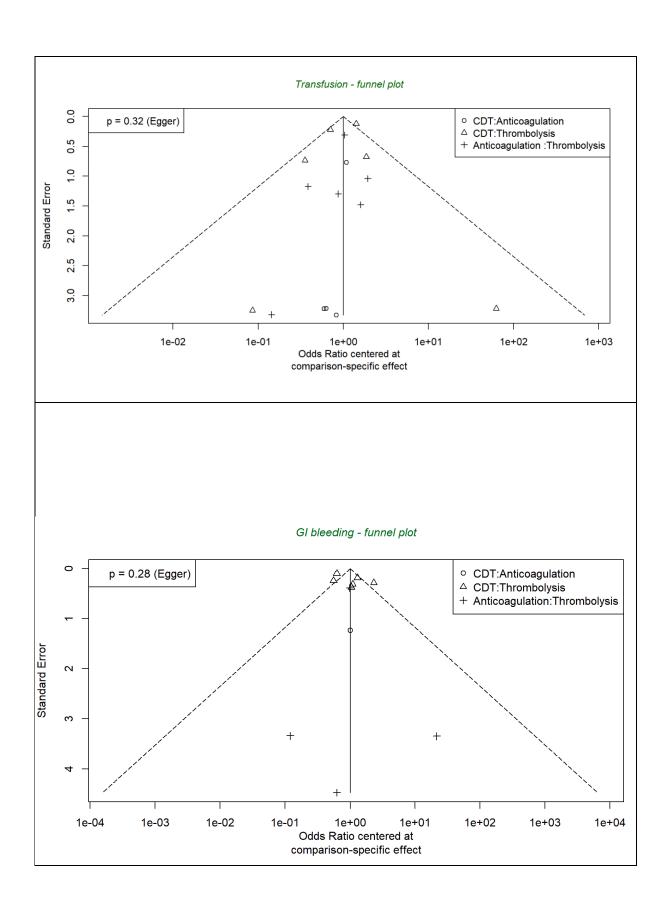


Figure \$14: Funnel plots







### Figure \$15: Mortality node splitting - direct and indirect evidence in network meta-analysis

#### Random effects model:

```
comparison k prop
                                         nma direct indir.
                                                              RoR
          CDT:Anticoagulation 11 0.54 0.3563 0.4590 0.2655 1.7284
                                                                   1.43
                                                                        0.1532
Thrombolysis: Anticoagulation 21 0.65 0.8267 0.6851 1.1685 0.5863 -1.39
                                                                         0.1652
             CDT:Thrombolysis 11 0.84 0.4310 0.3974 0.6554 0.6064 -1.28
Legend:
```

comparison - Treatment comparison

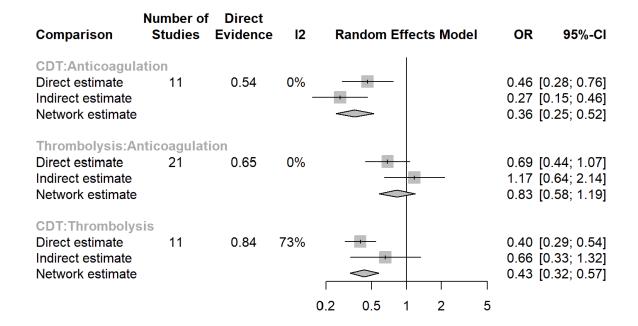
- Number of studies providing direct evidence

- Direct evidence proportion prop

- Estimated treatment effect (OR) in network meta-analysis nma - Estimated treatment effect (OR) derived from direct evidence direct - Estimated treatment effect (OR) derived from indirect evidence indir.

- Ratio of Ratios (direct versus indirect) RoR

- z-value of test for disagreement (direct versus indirect) - p-value of test for disagreement (direct versus indirect) p-value



# Figure \$16: Major bleeding node splitting - direct and indirect evidence in network meta-analysis

#### Random effects model:

```
comparison k prop nma direct indir. RoR z p-value CDT:Anticoagulation 6 0.08 1.2442 1.0855 1.2590 0.8621 -0.23 0.8174 Thrombolysis:Anticoagulation 20 0.94 2.0559 2.0759 1.7670 1.1748 0.24 0.8113 CDT:Thrombolysis 9 0.99 0.6052 0.6052 0.6066 0.9976 -0.00 0.9973
```

#### Legend:

comparison - Treatment comparison

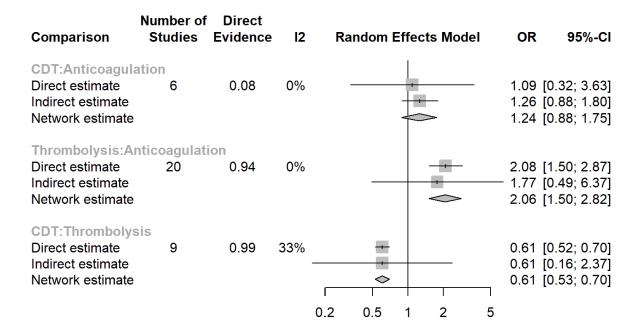
k - Number of studies providing direct evidence

prop - Direct evidence proportion

nma - Estimated treatment effect (OR) in network meta-analysis direct - Estimated treatment effect (OR) derived from direct evidence indir. - Estimated treatment effect (OR) derived from indirect evidence

ROR - Ratio of Ratios (direct versus indirect)

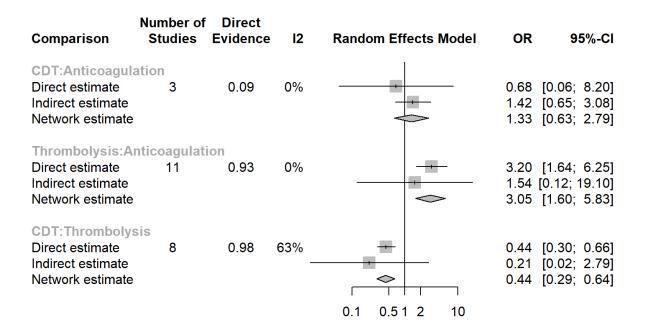
z - z-value of test for disagreement (direct versus indirect)
 p-value - p-value of test for disagreement (direct versus indirect)



## Figure \$17: ICH node splitting - direct and indirect evidence in network meta-analysis

#### Random effects model:

```
comparison k prop
                                         nma direct indir.
                                                               RoR
                                                                       z p-value
          CDT:Anticoagulation 3 0.09 1.3289 0.6809 1.4184 0.4801 -0.55
                                                                          0.5811
Thrombolysis: Anticoagulation 11 0.93 3.0527 3.2039 1.5382 2.0829
             CDT:Thrombolysis 8 0.98 0.4353 0.4427 0.2125 2.0829
Legend:
comparison - Treatment comparison
            - Number of studies providing direct evidence
            - Direct evidence proportion
prop
nma
            - Estimated treatment effect (OR) in network meta-analysis
direct
            - Estimated treatment effect (OR) derived from direct evidence
indir.
            - Estimated treatment effect (OR) derived from indirect evidence
RoR
            - Ratio of Ratios (direct versus indirect)
            - z-value of test for disagreement (direct versus indirect)
p-value
            - p-value of test for disagreement (direct versus indirect)
```



# Figure \$18: Minor bleeding node splitting - direct and indirect evidence in network meta-analysis

Separate indirect from direct evidence (SIDE) using back-calculation method Common effects model:

```
comparison k prop nma direct indir. RoR z p-value CDT:Anticoagulation 7 0.19 3.9660 1.4752 4.9901 0.2956 -2.05 0.0404 Thrombolysis:Anticoagulation 11 0.94 3.1747 3.4202 1.0743 3.1835 1.93 0.0538 CDT:Thrombolysis 4 0.88 1.2492 1.4286 0.4641 3.0784 1.87 0.0613
```

#### Random effects model:

```
comparison k prop nma direct indir. RoR z p-value
CDT:Anticoagulation 7 0.30 3.1365 1.4880 4.3125 0.3450 -1.61 0.1073
Thrombolysis:Anticoagulation 11 0.90 2.8229 3.1070 1.1571 2.6851 1.48 0.1385
CDT:Thrombolysis 4 0.81 1.1111 1.3343 0.5189 2.5712 1.42 0.1567
```

#### Legend:

comparison - Treatment comparison

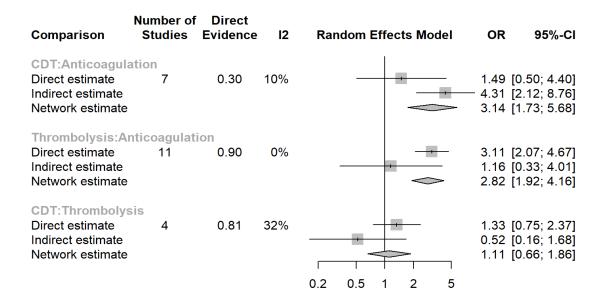
k - Number of studies providing direct evidence

prop - Direct evidence proportion

nma - Estimated treatment effect (OR) in network meta-analysis direct - Estimated treatment effect (OR) derived from direct evidence indir. - Estimated treatment effect (OR) derived from indirect evidence

ROR - Ratio of Ratios (direct versus indirect)

z - z-value of test for disagreement (direct versus indirect)
p-value - p-value of test for disagreement (direct versus indirect)



## Figure \$19: Transfusion node splitting - direct and indirect evidence in network meta-analysis

Separate indirect from direct evidence (SIDE) using back-calculation method Common effects model:

```
comparison k prop nma direct indir. RoR z p-value CDT:Anticoagulation 4 0.15 0.6808 0.1169 0.9229 0.1267 -2.68 0.0074 Thrombolysis:Anticoagulation 6 0.87 1.0920 1.4251 0.1805 7.8957 2.68 0.0074 CDT:Thrombolysis 6 0.98 0.6234 0.6476 0.0820 7.8957 2.68 0.0074
```

#### Random effects model:

comparison k prop nma direct indir. RoR z p-value CDT:Anticoagulation 4 0.27 0.4684 0.1152 0.7891 0.1460 -2.08 0.0379 Thrombolysis:Anticoagulation 6 0.82 1.0185 1.4522 0.2120 6.8500 2.08 0.0379 CDT:Thrombolysis 6 0.91 0.4599 0.5433 0.0793 6.8500 2.08 0.0379

#### Legend:

comparison - Treatment comparison

k - Number of studies providing direct evidence

prop - Direct evidence proportion

nma - Estimated treatment effect (OR) in network meta-analysis
direct - Estimated treatment effect (OR) derived from direct evidence
indir. - Estimated treatment effect (OR) derived from indirect evidence

ROR - Ratio of Ratios (direct versus indirect)

z - z-value of test for disagreement (direct versus indirect) p-value - p-value of test for disagreement (direct versus indirect)

Comparison	Number of Studies	Direct Evidence	12	Random Effects Model	OR	95%-CI
CDT:Anticoagular Direct estimate Indirect estimate Network estimate	tion 4	0.27	0%		0.79 [0	0.02; 0.54] 0.31; 2.03] 0.21; 1.05]
Thrombolysis:An Direct estimate Indirect estimate Network estimate	ticoagulat 6	ion 0.82	0%		0.21 [0	0.67; 3.17] 0.04; 1.09] 0.50; 2.06]
CDT:Thrombolysic Direct estimate Indirect estimate Network estimate	6	0.91	61%	0.1 0.51 2 10	0.08 [0	0.32; 0.93] 0.01; 0.45] 0.28; 0.77]

# Figure S20: GI node splitting - direct and indirect evidence in network meta-analysis

Separate indirect from direct evidence (SIDE) using back-calculation method Random effects model:

```
comparison k prop
                                        nma direct indir.
                                                                     z p-value
                                                             RoR
         CDT:Anticoagulation 1 0.18 0.8502 0.4949 0.9545 0.5185 -0.45
                                                                        0.6496
Thrombolysis:Anticoagulation 4 0.85 0.9114 1.0091 0.5232 1.9287 0.45
                                                                        0.6496
             CDT:Thrombolysis 6 0.98 0.9329 0.9459 0.4904 1.9287 0.45
Legend:
comparison - Treatment comparison
           - Number of studies providing direct evidence
           - Direct evidence proportion
prop
           - Estimated treatment effect (OR) in network meta-analysis
nma
           - Estimated treatment effect (OR) derived from direct evidence
direct
indir.
           - Estimated treatment effect (OR) derived from indirect evidence
RoR
           - Ratio of Ratios (direct versus indirect)
           - z-value of test for disagreement (direct versus indirect)
           - p-value of test for disagreement (direct versus indirect)
p-value
```

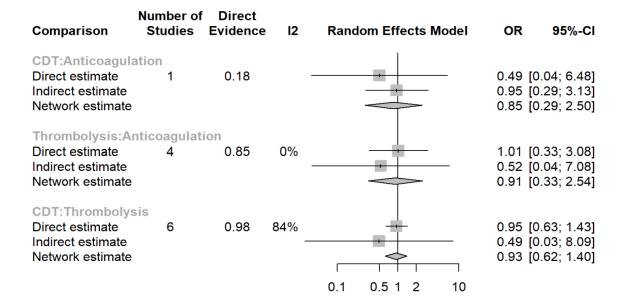


Figure S21: Mortality pairwise forest plot

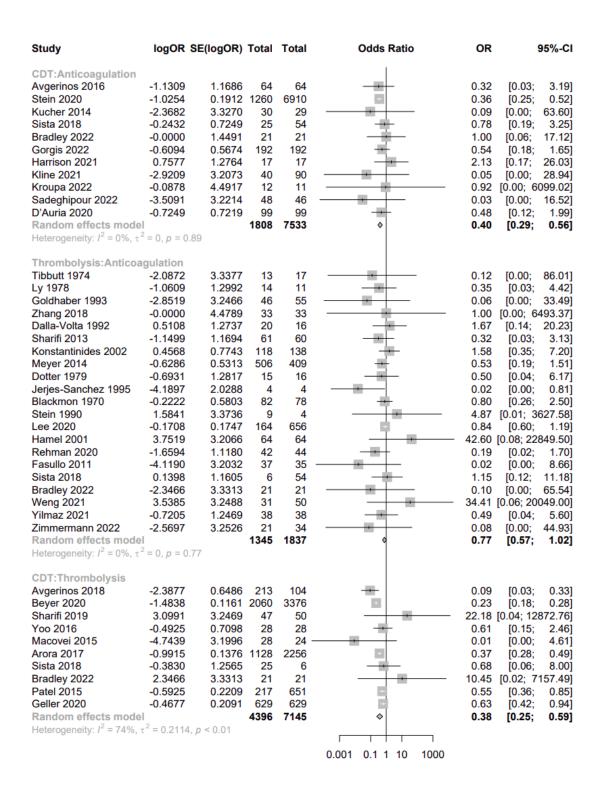


Figure S22: Major bleeding pairwise forest plot

Study	logOR SE	(logOR)	Total	Total	Odds Ratio	OR	95%-CI
CDT:Anticoagulation Schissler 2018 Avgerinos 2016 Sista 2018 Kucher 2014 Kline 2021 Sadeghipour 2022 Random effects model Heterogeneity: $I^2 = 0\%$ , $\tau^2$		3.2472 0.7851 1.1809 4.4797 3.2073 4.4769	56 64 25 30 40 46 <b>261</b>	39 64 54 29 90 48 <b>324</b>		14.41 1.36 0.71 0.97 0.05 1.04 1.09	[0.02; 8367.52] [0.29; 6.32] [0.07; 7.17] [0.00; 6286.17] [0.00; 28.94] [0.00; 6749.47] [0.32; 3.63]
Thrombolysis:Anticoa	gulation						
Fasullo 2011 Hamel 2001 Lee 2020 Rehman 2020 Meyer 2014 Blackmon 1970 Stein 1990 Tibbutt 1974 Ly 1978 Miller 1971 Goldhaber 1993 Dalla-Volta 1992 Konstantinides 2002 Sharifi 2013 Ahmed 2018 Jerjes-Sanchez 1995 Sista 2018 Weng 2021 Yilmaz 2021 Zimmermann 2022 Random effects model Heterogeneity: I² = 0%, τ²	0.6642 4.1912 0.3199 2.3709 1.4547 0.8035 1.5841 -0.8109 0.5878 2.0794 1.3264 0.2113 -1.4813 -0.0166 0.1547 -0.0000 1.2238 0.4793 0.4336 2.8303	1.2482 3.1937 0.2806 3.3237 0.3245 0.4098 3.3736 0.9930 0.9804 1.1877 1.1726 0.9816 1.1028 4.4758 4.4808 4.5291 1.2462 4.4780 0.9432 3.3286	37 64 164 42 506 82 9 12 14 15 46 20 118 61 24 4 6 31 38 21	35 64 656 44 409 78 4 11 11 8 55 16 138 60 28 4 54 50 38 34		1.38 10.71 4.28 2.23 4.87 0.44 1.80 8.00 3.77 1.24 0.23 0.98 1.17 1.00 3.40 1.61 1.54	[0.00; 7608.19]
CDT:Thrombolysis Beyer 2020 Klevanets 2017 Sharifi 2019 Yoo 2016 Arora 2017 Avgerinos 2018 Sista 2018 Macovei 2015 Lin 2021 Random effects model Heterogeneity: I <sup>2</sup> = 33%, m	-0.6129 -3.7758 3.0991 -0.7309 -0.2324 -1.0098 -1.5686 -0.4568 -0.0262 -2 = 0.0399, p	0.0917 3.2046 3.2469 1.2552 0.1419 0.3547 1.4972 0.7378 0.3323 = 0.15	107 47 28 1128 213 25 28 145	102 50 28	0.001 0.1 1 10 1000	0.54 0.02 22.18 0.48 0.79 0.36 0.21 0.63 0.97 <b>0.63</b>	[0.45; 0.65] [0.00; 12.25] [0.04; 12872.76] [0.04; 5.64] [0.60; 1.05] [0.18; 0.73] [0.01; 3.92] [0.15; 2.69] [0.51; 1.87] [0.48; 0.82]

Figure S23: ICH pairwise forest plot

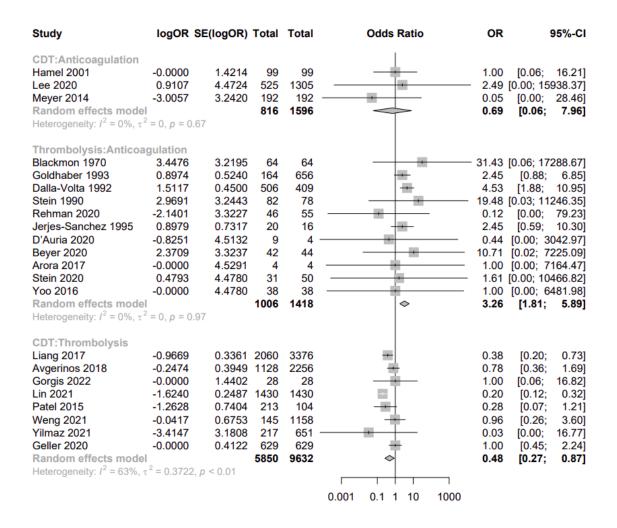


Figure S24: Minor bleeding pairwise forest plot

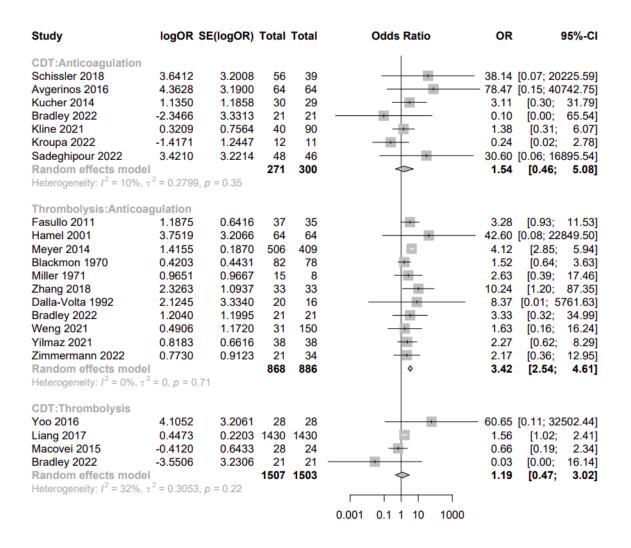


Figure S25: Transfusion pairwise forest plot

Study	logOR SE(logO	R) Total Tota	Odds Ratio	OR	95%-CI
CDT:Anticoagulation Hamel 2001 Lee 2020 Tibbutt 1974 Ly 1978 Random effects model Heterogeneity: $I^2 = 0\%$ , $\tau^2$		8 25 54 3 21 21	-	0.13 0.07 0.10 0.07 <b>0.12</b>	[0.03; 0.57] [0.00; 37.88] [0.00; 65.54] [0.00; 40.04] [0.03; 0.47]
Thrombolysis:Anticoag Miller 1971 Goldhaber 1993 D'Auria 2020 Beyer 2020 Sharifi 2019 Yoo 2016 Random effects model Heterogeneity: I <sup>2</sup> = 0%, τ <sup>2</sup>	2.3168 3.32 0.3366 0.312 -0.0953 1.480 0.5108 1.29 -0.2877 1.040 1.3264 1.172	26 164 656 12 12 11 14 14 11 18 15 8		10.14 1.40 0.91 1.67 0.75 3.77 <b>1.43</b>	[0.02; 6812.69] [0.76; 2.58] [0.05; 16.54] [0.13; 21.19] [0.10; 5.77] [0.38; 37.52] [0.83; 2.45]
CDT:Thrombolysis Arora 2017 Sista 2018 Bradley 2022 Kline 2021 Lin 2021 Patel 2015 Random effects model Heterogeneity: $I^2 = 61\%$ , $\tau$	3.5270 3.22 -3.0663 3.25 -0.2618 0.12 0.0136 0.67 -1.6474 0.734	8 28 28 20 1128 2256 22 145 1158		0.38 - 34.02 0.05 0.77 1.01 0.19 <b>0.54</b>	[0.25; 0.59] [0.06; 18778.28] [0.00; 27.31] [0.61; 0.98] [0.27; 3.82] [0.05; 0.81] [0.30; 0.97]

### Figure S26: GI pairwise forest plot

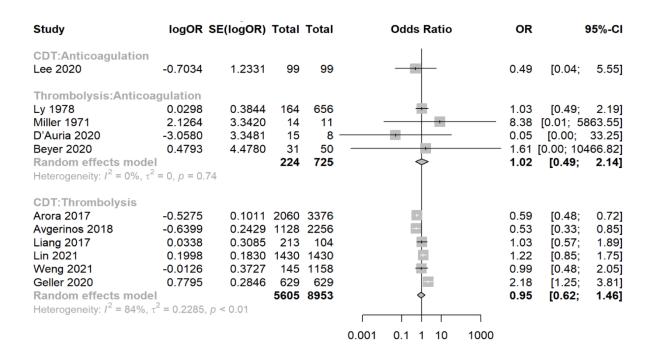


Table S2: summary key characteristics of treatment comparisons

Key characteristic	Thrombolysis vs	CDT vs	CDT vs
	Anticoagulation	Anticoagulation	Thrombolysis
All studies			
Number of studies <sup>1</sup>	23	12	13
n	3,347	3,105	15,929
Mean age	59.6	61.3	58.8
Mean male (%)	48.3	52.8	49.62
Mean O2 saturation (%)	89.3	94.7	90.03
Mean heart rate mean (beats per min)	101.7	99.8	100.3
Mean systolic blood pressure (mm Hg)	124.7	130.3	Data is insufficient
Cancer	16%	7%	8%
History of VTE\PE	18%	24%	20%
Immobilization	16%	22%	Data is
Hypercoagulable condition	Data is insuffic		15%
Recent surgery	8% 10%		10%
RCTs			
Number of trails	15	3	I
n	1,999	176	52
Observational studies			
Number of studies	8	9	12
n	1,394	2,956	15,952
Intermediate-High			
Number of studies	7	6	2
Total n	1,414	726	160
Number of RCTs	3	2	0
RCT n	1,129	117	0
Number of cohorts	4	4	2
Cohort n	285	609	160

<sup>&</sup>lt;sup>1</sup> There are two studies with three arms (Sista 2018 and Bradley 2022)

Figure S27: P-score ranking for main and secondary outcomes.

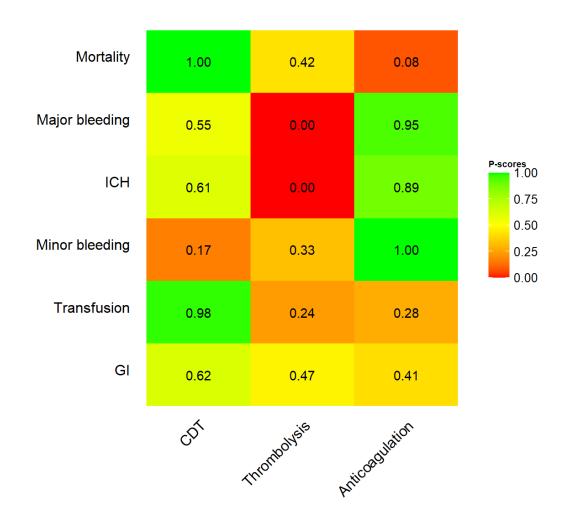
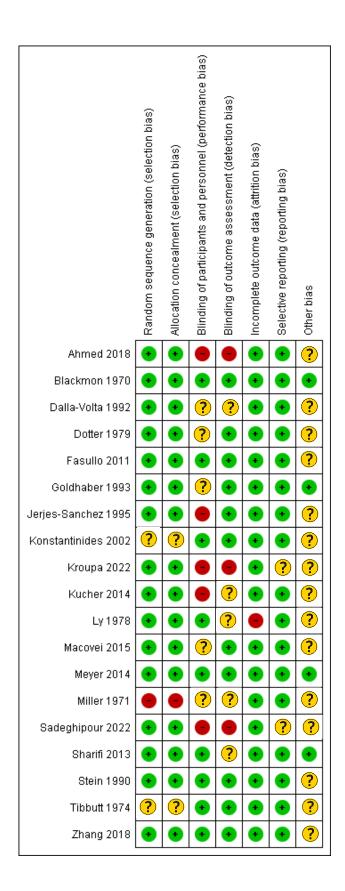


Figure S28: Risk of bias assessment for randomized control studies, evaluated by the Cochrane Collaboration's Risk of Bias Tool



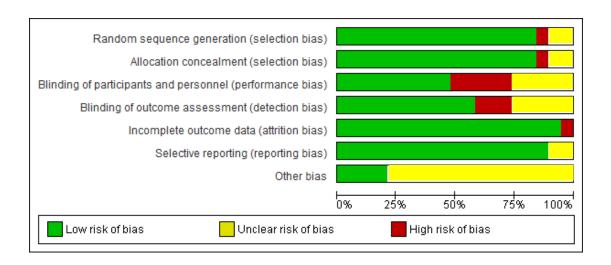


Table S3: Risk of bias and quality of nonrandomized studies, evaluated by the Newcastle-Ottawa Scale (NOS)

### Figure S28: GRADE assessment:

For the rating of the quality of the indirect evidence, Puhan (2019, BMJ) says this: The lower confidence rating of the two direct comparisons constitutes the confidence rating of the indirect comparison".

In the GRADE table in this NMA for all-cause mortality, direct estimates for ST vs AC and CDT vs AC are rated as low quality evidence. Any comparison including these should also be rated as low. In particular, the indirect comparison for CDT vs AC involves direct effects for CDT vs ST (moderate) and ST vs AC (low), so should be graded as low. There is no upgrading of indirect evidence in the GRADE framework (only single estimates from observational studies). The consequence is that the CDT vs AC NMA estimate should also be low quality, as both the indirect and direct evidence are low quality.

#### A) All-cause mortality

Comparison	Direct evidence		Indirect evide	Indirect evidence		ta-analysis
	Odd ratio (95%CI)	Quality of evidence	Odd ratio (95%CI)	Quality of evidence	Odd ratio (95%CI)	Quality of evidence
ST vs AC	0.69 (0.44- 1.07)	MODERATE ⊕⊕⊕O	1.17(0.64- 2.14)	00 LOM	0.83 (0.58- 1.19)	MODERATE ⊕⊕⊕O
CDT vs ST	0.40 (0.29- 0.54)	MODERATE <sup>2,3</sup> ⊕⊕⊕O	0.66 (0.33- 1.32)	⊕⊕00 	0.43 (0.32- 0.57	MODERATE ⊕⊕⊕O
CDT vs AC	0.46 (0.28- 0.76)	MODERATE ⊕⊕⊕O	0.27 (0.15- 0.46)	MODERATE ⊕⊕⊕O	0.36 (0.25- 0.52)	MODERATE ⊕⊕⊕O

For ICH, indirect evidence for ST vs AC has to be the lower of the quality ratings of the two involved direct comparisons (moderate and very low, so the result is "very low"). That results in the ST vs AC NMA rating being low (the rating of the direct estimate).

We grade the indirect comparison for ST vs AC as very low-quality evidence, the results in the ST vs AC NMA were also rate as low:

#### B) ICH

Comparison	arison Direct evidence		Indirect evid	lence	Network meta-analysis	
	Odd ratio (95%CI)	Quality of evidence	Odd ratio (95%CI)	Quality of evidence	Odd ratio (95%CI)	Quality of evidence
ST vs AC	3.20 (1.64- 6.25)	LOW <sup>2,3</sup> ⊕⊕OO	1.54 (0.12- 19.10)	VERY LOW 1,2	3.05 (1.60- 5.83)	LOW ⊕⊕OO
CDT vs ST	0.44 (0.30- 0.66)	MODERATE 2,3 ⊕⊕⊕O	0.21 (0.02- 2.79)	LOW 1,2,3 ⊕⊕OO	0.44 (0.29- 0.64)	MODERATE ⊕⊕⊕O
CDT vs AC	0.68 (0.06- 8.20)	VERY LOW 1,2 ⊕OOO	1.42 (0.65- 3.08)		1.33 (0.63- 2.79)	LOW ⊕⊕OO

Imprecision was downgraded by I level because the 95% of the relative risk (RR) was wide.

The quality of indirect evidence for major bleeding should be low for all three comparisons (as all there involve a low rating), so only AC vs ST has a high quality NMA estimate. The other two are low.

The quality of indirect evidence for major bleeding were changed to low for all three comparisons. The quality of NMA for CDT vs ST and CDT vs AC were also changed to low.

#### C) Major bleeding:

Comparison	Direct evidence		Indirect evid	Indirect evidence		-analysis
	Odd ratio (95%CI)	Quality of evidence	Odd ratio (95%CI)	Quality of evidence	Odd ratio (95%CI)	Quality of evidence
ST vs AC	2.08 (1.50- 2.87)	HIGH ³ ⊕⊕⊕⊕	1.77 (0.49- 6.37)	LOW <sup>2</sup> ⊕⊕OO	2.06 (1.50-2.82)	HIGH ⊕⊕⊕⊕
CDT vs ST	0.61 (0.52- 0.70)	LOW <sup>2</sup> ⊕⊕OO	0.61 (0.16- 2.37)	LOW <sup>2</sup> ⊕⊕OO	0.61 (0.53-0.70)	LOW ⊕⊕OO
CDT vs AC	1.09 (0.32- 3.63)	+++++++++++++++++++++++++++++++++++++	1.26 (0.88- 1.80)	⊕⊕00	1.24 (0.88-1.75)	LOW ⊕⊕OO

Imprecision was downgraded by I level because the 95% of the relative risk (RR) was wide.

These points are important, not only because they refer to proper application of GRADE, but because they highlight the uncertainty from NMA, especially when there are observational studies of potentially low quality involved in the comparisons of interest involving CDT.

<sup>&</sup>lt;sup>2</sup> <30% of the included studies are RCT evidence rated down by one level.

<sup>&</sup>lt;sup>3</sup> Evidence rated up by one level because of very large magnitude of effect.

<sup>&</sup>lt;sup>2</sup> <30% of the included studies are RCT evidence rated down by one level.

<sup>&</sup>lt;sup>3</sup> Evidence rated up by one level because of very large magnitude of effect.

Table S4: Reasons for studies exclusion

Study	Reasons for exclusion
Hobohm 2021 (5)	<ul> <li>High risk of bias due to Significant differences between Baseline characteristics (Hypoxia above 10% difference, RV dysfunction above 5% difference, shock above 5% difference, need for cardiac pulmonary resuscitation above 20%)</li> <li>No adjusting was made to relevant outcomes.</li> </ul>
Iskandar 2022 (6)	There is no information available regarding the
	characteristics of the different groups that may affect the results.
	<ul> <li>No adjusting was made to rural relevant outcomes (in form of events).</li> </ul>
Krishnan 2022 (7)	<ul> <li>High risk of bias due to Significant differences between Baseline characteristics (differences in ageabove 4 years in patients over 60 years old).</li> <li>No adjusting was made to rural relevant outcomes (in form of events).</li> <li>No data on important covariance such as RV</li> </ul>
	dysfunction, troponin, hemodynamic status, risk for bleeding.
Barrett 2010 (8)	<ul> <li>Eighteen patients received no definitive therapy from total of 51 patients.</li> <li>High risk for selection bias due to Significant</li> </ul>
	differences between Baseline characteristics (differences in age- above 7 years, differences in intracranial pathology- above 40%).
	<ul> <li>No adjusting was made to rural relevant outcomes (in form of events).</li> </ul>
Konstantinides 1998 (9)	<ul> <li>Continuous variables outcomes - not suitable for NMA using Package 'netmeta' in R.</li> </ul>
Nakamura 2005 (10)	<ul> <li>No data on important covariance such as RV dysfunction, troponin, hemodynamic status, risk for bleeding in the presentation.</li> </ul>
	<ul> <li>Table I Significant differences between the groups such as differences in shock above I5% and RV afterload stress, and it is not clear whether this data is characteristics or outcomes.</li> </ul>
A. Riera-Mestre 2012 (11)	No standardization of the "no thrombolysis" group.      Mortality outcomes were presented in form of OR.
Sekulic 2020 (12)	<ul> <li>Mortality outcomes were presented in form of OR.</li> <li>High risk of bias due to Significant differences between Baseline characteristics (differences in ageabove 7 years, differences in PESI score, clinical differences in hypoxia and saturation (above 5%), differences in right ventricular systolic pressure (above 15%).</li> <li>No adjusting was made to rural relevant outcomes (in form of events).</li> </ul>
Zulty 2021 (13)	High risk of bias due to Significant differences between Baseline characteristics (differences in

	<ul> <li>Elevated troponin (above 25%), differences in RV strain on CT scan (above 25%).</li> <li>No adjusting was made to rural relevant outcomes</li> </ul>
	(in form of events).
	<ul> <li>The comparation to CDT was "standard treatment" (included both anticoagulation and possibly systemic thrombolysis).</li> </ul>
Omaygenc 2021 (14)	<ul> <li>High risk of bias due to Significant differences between Baseline characteristics (differences in age- above 10 years, saturation (3%), Systolic pulmonary artery pressure (12%).</li> </ul>
	<ul> <li>No adjusting was made to rural relevant outcomes (in form of events).</li> </ul>

## Table S5: Bleeding definitions

First author and year	Bleeding definitions
Fasullo 2011	Major: fatal, intracranial, required transfusions or intervention for
	hemodynamic deterioration.
	Minor bleeding: episodes not fulfilling major bleeding criteria
D'Auria 2020	ICD 9 and ICD 10 codes, internal billing codes
Schissler 2018	GUSTO criteria.(11)
Meyer 2014	Major bleeding: ICH, life threatening, fatal, need for transfusion
	Moderate bleeding: requiring blood transfusion(s), not life-threatening,
	not requiring emergency fluid replacement, inotropic support, or
	interventional treatment. Bleeding events were also reported using the
	criteria proposed by the International Society on Thrombosis and
Payer 2020	Haemostasias. (12)
Beyer 2020	Diagnostic and Procedure Billing Codes. (ICD-10 CM/PCS Code)
Dotter 1979	Not prespecified
Avgerinos 2016	Not prespecified
Klevanets 2017	Not prespecified
Macovei 2015	Major bleeding: brain bleeding or gastro- intestinal, massive hematoma
	on the puncture site or acute post-hemorrhagic anemia
	Minor bleeding: hematoma on the puncture site, transient ischemic
Sharifi 2019	attack GUSTO criteria.(11)
Jerjes-Sanchez 1995	Not prespecified
Blackmon 1970	• •
Blackmon 1970	Major bleeding: Hematocrit drop >10 points, 2 or more units packed RBC.
Stein 1990	Not prespecified
Yoo 2016	Major bleeding: fatal bleeding, hemorrhagic stroke, Hgb drop >2 g/dl,
	with or without the need for packed red cell transfusion.
Hamel 2001	Severe bleeding: intracranial hemorrhage, decrease in hemoglobin level
	(at least 4 g/100 ml), bleeding that required surgery or blood transfusion
	of 2 or more units.
Liang 2017	GUSTO criteria.(11)
Tibbutt 1974	Not prespecified
Ahmed 2018	Not prespecified
Ly 1978	Not prespecified
Miller 1971	Not prespecified
Kucher 2014	Major bleeding: overt bleeding with Hgb drop >2 g/dl, transfusion of ≥2
	U of RBC, involvement of a critical site (intracranial, intraspinal,
	intraocular, retroperitoneal, intra-articular or pericardial, or intra-
	muscular with compartment syndrome).
	Minor bleeding: Clinically overt bleeding not fulfilling the criteria of
Arora 2017	major bleeding.
ATOTA ZUT/	Identified using appropriate ICD-9 diagnosis and procedural code in secondary fields
Avgerinos 2018	GUSTO criteria.(11)
Goldhaber 1993	
Goldhaber 1773	Major bleeding: required surgery (e.g., laparotomy for Retroperitoneal bleeding) or any intracranial bleeding.
Zhang 2018	Not prespecified
Z114118 2010	1 40c pi capecinieu

Sista 2018	Major bleeding: requiring transfusion, major hemoptysis requiring intubation, intracranial hemorrhage, or operation
Dalla-Volta 1992	Major bleeding was defined as an ICH or bleeding requiring transfusion of one or more units of blood
Sharifi 2013	Not prespecified
Konstantinides 2002	Major bleeding: fatal bleeding, hemorrhagic stroke, or a drop in the hemoglobin concentration by at least 4 g per deciliter, with or without the need for red-cell transfusion.
Lee 2020	ICD-9-CM codes
Stein 2020	Not prespecified
Rehman 2020	Not prespecified
Bradley 2022	GUSTO criteria.(11)
Gorgis 2022	GUSTO criteria.(11)
Sadeghipour 2022	Bleeding Academic Research Consortium (BARC). (13)
Kline 2021	TIMI bleeding (Thrombolysis in Myocardial Infarction) criteria for secondary analysis. (13)
Kroupa 2022	Bleeding Academic Research Consortium (BARC). (13)
Lin 2021	ICD-9 CM diagnostic codes.  Major bleeding 3361, 3636, 37272, 37632, 37742, 37923, 4230, 430, 431, 4320, 4321, 4329, 531, 5312, 5314, 5316, 532, 5322, 5324, 5326, 5307, 533, 5332, 5334, 5336, 534, 5342, 5344, 5346, 5693, 53501, 53511, 53521, 53531, 53541, 53551, 53561, 53571, 53783, 53784, 56202, 56203, 56212, 56213, 56985, 578, 59381, 7191, 72992, 7725, 8520, 8522, 8524, 8530, 86601, 86602, 86611, 86612  Gastrointestinal bleeding 530.21, 530.7, 530.82, 531.xx-535.xx, 537.83, 537.84, 578.xx  Intracranial hemorrhage 430.xx-432.xx
Patel 2015	ICD-9-CM codes
Weng 2021	Major bleeding was defined as fatal bleeding, hemorrhagic stroke, or a drop in the hemoglobin concentration by at least 4 g/dL
Yilmaz 2021	according to the International Society on Thrombosis and Haemostasis definition. (14)
Zimmermann 2022	Bleeding complications were defined according to The International Society on Thrombosis and Haemostasis criteria. (14)
Geller 2020	ICD-9-CM codes

## Table S6: Mortality Outcomes in each study

Study	Mortality Outcome	Comments
Arora 2017	In-hospital mortality	
Avgerinos 2016	In-hospital mortality	
Avgerinos 2018	In-hospital mortality	
Beyer 2020	In-hospital mortality	
Blackmon 1970	14 days	
Bradley 2022	In-hospital mortality	
D'Auria 2020	30 days	
Dalla-Volta 1992	30 days	Alteplase group: day 6, day 19. Heparin group: day 2
Dotter 1979	In-hospital mortality	One patient treated with streptokinase died 4 days after the completion of therapy. Two heparin-treated patients died before the 72-hour therapy was completed
Fasullo 2011	In-hospital mortality	
Geller 2020	In-hospital mortality	
Goldhaber 1993	In-hospital mortality	
Gorgis 2022	In-hospital mortality	
Hamel 2001	In-hospital mortality	
Harrison 2021	In-hospital mortality	
Jerjes-Sanchez 1995	In-hospital mortality	
Kline 2021	In-hospital mortality	
Konstantinides 2002	In-hospital mortality	
Kroupa 2022	30 days	
Kucher 2014	30 days	I death in the heparin group 20 days after randomization
Lee 2020	In-hospital mortality	
Lin 2021	In-hospital mortality	

Ly 1978	30 days	Heparin group: 15 hours, day 30. Streptokinase group: day 22
Macovei 2015	In-hospital mortality	
Meyer 2014	In-hospital mortality	
Patel 2015	In-hospital mortality	
Rehman 2020	In-hospital mortality	
Sadeghipour 2022	90 days	
Sharifi 2013	Unclear	Considering that there is no information regarding the four individuals who died, it is likely that they died not long after their hospitalization since PE is an acute cardiovascular disorder associated with a high mortality rate at an early stage.
Sharifi 2019	30 days	
Sista 2018	In-hospital mortality	
Stein 1990	In-hospital mortality	Died of an arrhythmia 19 days after treatment with rt-PA.
Stein 2020	In-hospital mortality	We combined data from non-saddle PE group and saddle PE group
Tibbutt 1974	In-hospital mortality	
Weng 2021	In-hospital mortality	
Yilmaz 2021	In-hospital mortality	
Yoo 2016	In-hospital mortality	
Zhang 2018	In-hospital mortality	No deaths in the 3-month follow up
Zimmermann 2022	In-hospital mortality	

### Reference:

- 1. Hobohm L, Schmidt FP, Gori T, Schmidtmann I, Barco S, Münzel T, et al. In-hospital outcomes of catheter-directed thrombolysis in patients with pulmonary embolism. Eur Hear Journal Acute Cardiovasc Care. 2021;10(3):258–64.
- 2. Iskandar JP, Hariri E, Kanaan C, Kassis N, Kamran H, Sese D, et al. The safety and efficacy of systemic versus catheter-based therapies: application of a prognostic model by a pulmonary embolism response team. J Thromb Thrombolysis. 2022;53(3):616–25.
- 3. Krishnan AM, Gadela NV, Ramanathan R, Jha A, Perkins ME, Metersky ML. A Comparative Analysis of Catheter Directed Thrombolysis with Anticoagulation Alone or Systemic tPA in Acute Pulmonary Embolism with Cor Pulmonale. J Intensive Care Med. 2022;37(10):1336–43.
- 4. Nicholas A Barrett, Anthony Byrne ADMH and NR. Management of massive pulmonary embolism: a retrospective single-centre cohort study. Crit Care Study Guid Text Rev Second Ed. 2010;(December):305–19.
- 5. Konstantinides S, Tiede N, Geibel A, Olschewski M, Just H, Kasper W. Comparison of alteplase versus heparin for resolution of major pulmonary embolism. Am J Cardiol. 1998;82(8):966–70.
- 6. Nakamura M, Nakanishi N, Yamada N, Sakuma M, Miyahara Y, Okada O, et al. Effectiveness and safety of the thrombolytic therapy for acute pulmonary thromboembolism: Results of a multicenter registry in the Japanese Society of Pulmonary Embolism Research. Int J Cardiol. 2005;99(1):83–9.
- 7. Riera-Mestre A, Jiménez D, Muriel A, Lobo JL, Moores L, Yusen RD, et al. Thrombolytic therapy and outcome of patients with an acute symptomatic pulmonary embolism. J Thromb Haemost. 2012;10(5):751–9.
- 8. Sekulic I, Dzudovic B, Matijasevic J, Batranovic U, Rusovic S, Mihajlovic M, et al. Ultrasound assisted thrombolysis in intermediate-risk patients with pulmonary thromboembolism. Acta Cardiol. 2020;75(7):623–30.
- 9. Zulty M, Saleh N, Hernandez J, Kalaria A, Camire L, Weisman DS. Catheter-Directed Therapy: Outcomes Versus Standard of Care and Evaluation of Current Practice. Am J Med. 2021;134(3):400–4.
- 10. Omaygenc DO, Omaygenc MO. thrombolysis and anticoagulation embolism : A retrospective analysis. 2021;
- 11. Investigators TG. An International Randomized Trial Comparing Four Thrombolytic Strategies for Acute Myocardial Infarction. N Engl J Med. 1993 Jan 15;329(10):673–82.
- 12. Schulman S, Kearon C. Definition of major bleeding in clinical investigations of antihemostatic medicinal products in non-surgical patients. Vol. 3, Journal of Thrombosis and Haemostasis. J Thromb Haemost; 2005. p. 692–4.
- 13. Mehran R, Rao S V., Bhatt DL, Gibson CM, Caixeta A, Eikelboom J, et al. Standardized bleeding definitions for cardiovascular clinical trials: A consensus report from the bleeding academic research consortium. Circulation. 2011;123(23):2736–47.
- 14. Schulman S, Anger SU, Bergqvist D, Eriksson B, Lassen MR, Fisher W. Definition of major bleeding in clinical investigations of antihemostatic medicinal products in surgical patients. J Thromb Haemost. 2010;8(1):202–4.