

CQ 15-4 敗血症性 DIC にヘパリン, ヘパリン類の投与を行うか？

検索データベース

- MEDLINE (PubMed/Ovid)
- CENTRAL
- 医学中央雑誌
- その他 ()

検索式とヒット数

PubMed search strategy (検索日 2019 年 5 月 3 日)

#1	Sepsis[mesh] OR Sepsis[tiab] OR Toxemia[mesh] OR Toxemia[tiab] OR "Shock, septic" [mesh] OR "Shock, septic" [tiab] OR "Disseminated Intravascular Coagulation"[mesh] OR "Disseminated Intravascular Coagulation"[tiab] OR DIC[tiab] OR "Purpura Fulminans"[mesh] OR "Purpura Fulminans"[tiab] OR Thrombophilia[mesh] OR Thrombophilia[tiab] OR "Systemic inflammatory response syndrome"[mesh] OR "Systemic inflammatory response syndrome"[tiab] OR SIRS[tiab] OR "Multiple organ failure"[mesh] OR "Multiple organ failure"[tiab] OR MOF[tiab] OR "Organ Dysfunction scores"[mesh] OR "Organ Dysfunction scores"[tiab] OR "multiple organ dysfunction syndrome"[tiab] OR MODS[tiab]	372309
#2	"heparin"[mesh]) OR "heparinoids"[mesh]) OR "Heparin, Low-Molecular-Weight"[mesh]) OR "dalteparin"[mesh]) OR "enoxaparin"[mesh]) OR "Nadroparin"[mesh]) OR "Tinzaparin"[mesh]) OR "Heparin"[tiab]) OR "Heparin sodium"[tiab]) OR "Heparin Na"[tiab]) OR "Unfractionated heparin"[tiab]) OR "Low molecular weight heparin"[tiab]) OR (("heparin"[tiab] AND "Low-Molecular-Weight[tiab]")) OR "heparinoids"[tiab]) OR "danaparoid"[tiab]) OR "dalteparin"[tiab]) OR "enoxaparin"[tiab]) OR "Nadroparin"[tiab]) OR "Tinzaparin"[tiab]	96663
#3	"randomized controlled trial" [pt] OR "controlled clinical trial" [pt] OR "randomized" [tiab] OR "randomly" [tiab] OR "placebo" [tiab] OR "clinical trials as topic" [mesh:noexp] OR "trial" [ti] NOT ("animals" [mh] NOT "humans" [mh])	1123970

#4	#1 AND #2 AND #3	574
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CENTRAL search strategy(検索日 2019 年 4 月 28 日)

#1	MeSH descriptor: [Sepsis] explode all trees	3998
#2	(sepsis): ti,ab,kw	10248
#3	MeSH descriptor: [Toxemia] explode all trees	414
#4	(toxemia): ti,ab,kw	285
#5	MeSH descriptor: [Shock, Septic] explode all trees	771
#6	(Shock, septic): ti,ab,kw	2738
#7	MeSH descriptor: [Disseminated intravascular Coagulation] explode all trees	105
#8	(Disseminated intravascular Coagulation): ti,ab,kw	358
#9	(DIC): ti,ab,kw	327
#10	MeSH descriptor: [Purpura Fulminant] explode all trees	0
#11	(Purpura Fulminant): ti,ab,kw	18
#12	MeSH descriptor: [Thrombophilia] explode all trees	340
#13	(Thrombophilia): ti,ab,kw	456
#14	MeSH descriptor: [Systemic Inflammatory Response Syndrome] explode all trees	4328
#15	(Systemic Inflammatory Response Syndrome): ti,ab,kw	1194
#16	(SIRS): ti,ab,kw	676
#17	MeSH descriptor: [Multiple Organ Failure] explode all trees	384
#18	(multiple organ failure): ti,ab,kw	1667
#19	(MOF): ti,ab,kw	141
#20	MeSH descriptor: [Organ Dysfunction Scores] explode all trees	56
#21	(organ dysfunction scores): ti,ab,kw	402
#22	(Multiple organ dysfunction syndrome): ti,ab,kw	384
#23	(MODS): ti,ab,kw	247
#24	(Multiple organ dysfunction) : ti,ab,kw	784
#25	#1~OR #24	16014
#26	MeSH descriptor: [Heparin] explode all trees	4512
#27	(heparin):ti,ab,kw	11015
#28	MeSH descriptor: [Heparinoids] explode all trees	57
#29	(heparinoids):ti,ab,kw	86
#30	MeSH descriptor: [Heparin, Low-Molecular-Weight] explode all	1817

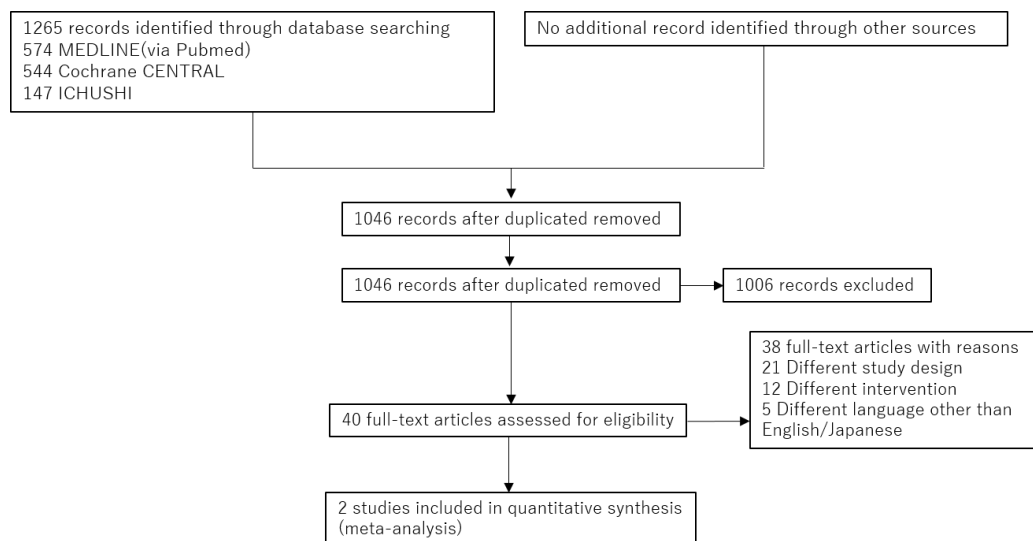
	trees	
#31	(low-molecular-weight heparin):ti,ab,kw	3575
#32	MeSH descriptor: [Dalteparin] explode all trees	333
#33	(dalteparin):ti,ab,kw	671
#34	MeSH descriptor: [Enoxaparin] explode all trees	656
#35	(enoxparin):ti,ab,kw	2
#36	MeSH descriptor: [Nadroparin] explode all trees	118
#37	(Nadroparin):ti,ab,kw	296
#38	MeSH descriptor: [Tinzaparin] explode all trees	68
#39	(Tinzaparin):ti,ab,kw	227
#40	("unfractionated heparin"):ti,ab,kw	1632
#41	(danaparoid) :ti,ab,kw	56
#42	("danaparoid sodium")	17
#43	("danaparoid-sodium")	17
#44	#26-OR-#43	11722
#45	#25 AND #44	544

医学中央雑誌 search strategy (検索日 2019 年 5 月 3 日)

#1	(敗血症/TH OR 敗血症/TA OR 全身性炎症反応症候群/TH OR 全身性炎症反応症候群/TA OR SIRS/TA OR "ショック、敗血症"/TH OR "ショック、敗血症"/TA OR DIC/TH OR DIC/TA OR 播種性血管内凝固/TA OR 多臓器不全/TH OR 多臓器不全/TA OR MOF/TA OR MODS/TA OR 多臓器不全症候群/TA OR 電撃性紫斑病/TH OR 電撃性紫斑病/TA) AND (PT=会議録除く)	70348
#2	Heparin/TH or Heparin/TA or Heparinoids/TH or Heparinoids/TA or "Danaparoid Sodium"/TH or "Danaparoid Sodium"/TA or Low-Molecular-Weight Heparin/TH or 低分子ヘパリン/TA or Low-Molecular-Weight Heparin/TA or Dalteparin/TH or Dalteparin/TA or ダルテパリン/TA or Enoxaparin/TH or Enoxaparin/TA or エノキサパリン/TA or Nadroparin/TH or Nadroparin/TA or ナドロパリン/TA or Tinzaparin Sodium/TH or Tinzaparin Sodium/TA or チンザパリン/TA or 未分画ヘパリン/TA or ダナパロイド/TA or ダナパロイドナトリウム/TA or ダナパロイド Na or ヘパリン/TA or ヘパリノイド/TA ヘパリン類/TA ヘパリン類似/TA or ヘパリン類似物質/TA and(PT=会議録除く)	15319

#3	ランダム化比較試験/TH or 準ランダム化比較試験/TH or ランダム化/AL or 無作為化/AL or 比較試験/AL or 臨床試験/AL or プラセボ/AL or 対照/AL or コントロール/AL or 臨床研究/AL	302233
#4	#1 AND #2 AND #3	147

PRISMA フロー図

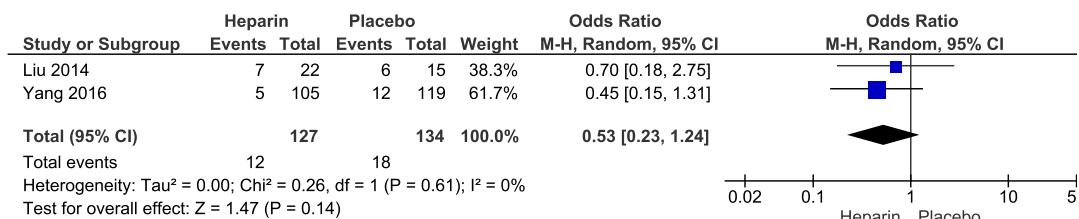


Risk of Bias サマリー

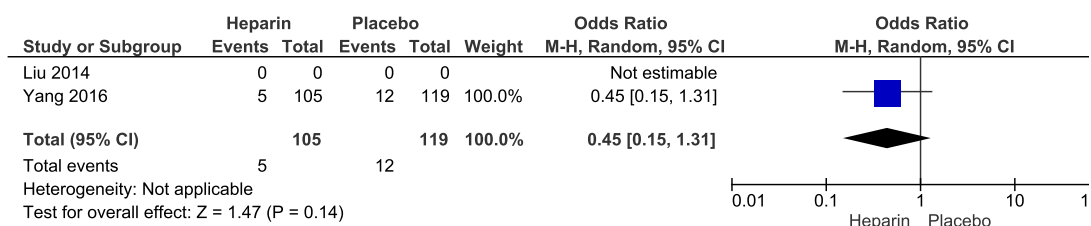
	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Liu 2014	+	?	+	?	?	?	?
Yang 2016	+	+	+	?	?	+	+

フォレストプロット

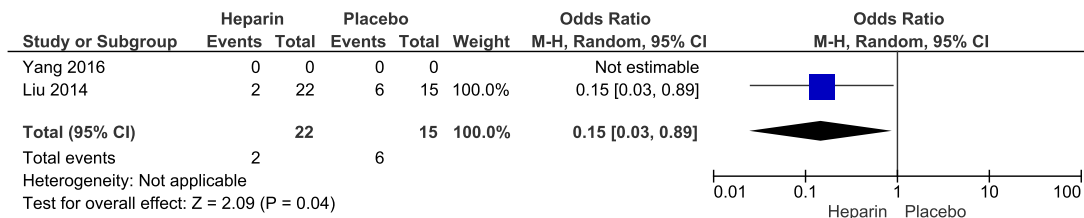
アウトカム 死亡率



出血性合併症



DIC 改善



ファンネルプロット

