

CQ7-1 初期輸液と循環作動薬に反応しない敗血症性ショック患者にステロイド(ハイドロコルチゾン)を投与するか？

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 4月 28日)

#1	Sepsis [Mesh] OR sepsis [tiab] OR septic [tiab]	192238
#2	“Systemic Inflammatory Response Syndrome” [mesh] or “Systemic Inflammatory Response Syndrome” [tiab] or SIRS [tiab]	123788
#3	“Multiple Organ Failure” [mesh] OR “Multiple Organ Failure” [tiab] OR MOF [tiab] OR “organ dysfunction” [tiab] OR MODS [tiab]	28926
#4	#1 OR #2 OR #3	218490
#5	Hydrocortisone [mesh] or Hydrocortisone [tiab] or “hydrocortisone acetate” [Supplementary Concept]) or glucocorticoid [MeSH Terms] or glucocorticoid [tiab] or glucocorticoids [tiab] or Glucocorticoids [Pharmacological Action]	278018
#6	randomized controlled trial [pt] OR controlled clinical trial [pt] OR randomized [tiab] OR placebo [tiab] OR drug therapy [sh] OR randomly [tiab] OR trial [tiab] OR groups [tiab] NOT (animals [mh] NOT humans [mh])	3888206
#8	#4 AND #5 AND #6	2101

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	(septic):ti,ab,kw	4108
#4	MeSH descriptor: [Systemic Inflammatory Response Syndrome] explode all trees	4328
#5	(Systemic Inflammatory Response Syndrome):ti,ab,kw	1194
#6	(SIRS):ti,ab,kw	676

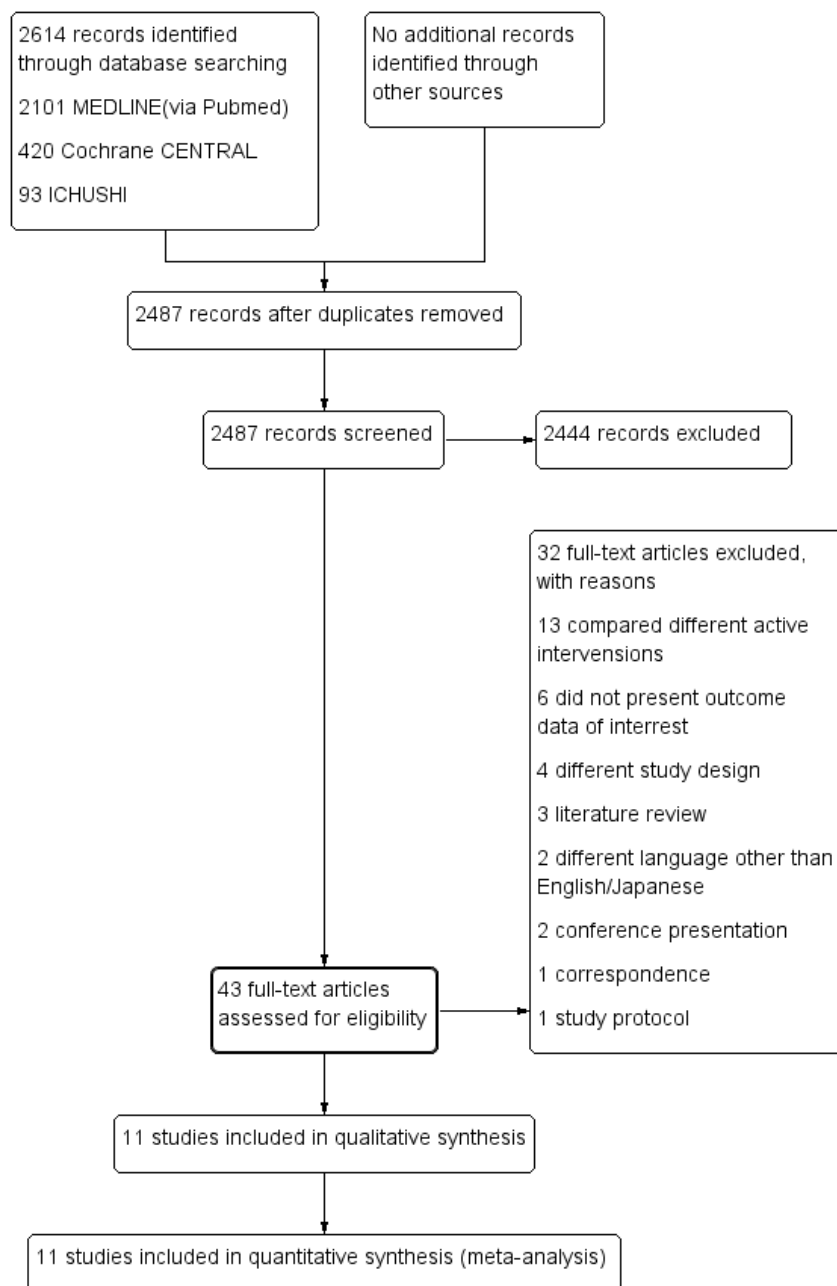
#7	MeSH descriptor: [Multiple Organ Failure] explode all trees	384
#8	(Multiple Organ Failure):ti,ab,kw	1667
#9	(MOF):ti,ab,kw	141
#10	(MODS):ti,ab,kw	247
#11	(Multiple Organ Dysfunction Syndrome):ti,ab,kw	384
#12	#1 OR #2 OR #3 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	14847
#13	MeSH descriptor: [Hydrocortisone] explode all trees	5701
#14	(Hydrocortisone):ti,ab,kw	8875
#15	(Cortisol):ti,ab,kw	9976
#16	(Hydroxycorticosteroids):ti,ab,kw	95
#17	(Hydroxycorticosteroid):ti,ab,kw	23
#18	MeSH descriptor: [Glucocorticoids] explode all trees	4256
#19	(Glucocorticoids):ti,ab,kw	5943
#20	(Glucocorticoid):ti,ab,kw	3400
#21	#23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30	19614
#22	#21 AND #30	420

医学中央雑誌 search strategy(検索日 2019年4月28日)

#1	((敗血症/TH or 敗血症/TA)) and (PT=会議録除く)	22,405
#2	((敗血症/TH or sepsis/TA)) and (PT=会議録除く)	15,909
#3	((敗血症/TH or septic/TA)) and (PT=会議録除く)	16,419
#4	((全身性炎症反応症候群/TH or 全身性炎症反応症候群/TA)) and (PT=会議録除く)	17,730
#5	((全身性炎症反応症候群/TH or SIRS/TA)) and (PT=会議録除く)	17,846
#6	((多臓器不全/TH or 多臓器不全/TA)) and (PT=会議録除く)	6,286
#7	((多臓器不全/TH or MOF/TA)) and (PT=会議録除く)	4,899
#8	((多臓器不全/TH or MODS/TA)) and (PT=会議録除く)	3,763
#9	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8	30,750
#10	((Hydrocortisone/TH or hydrocortisone/TA)) and (PT=会議録除く)	6,304
#11	((Hydrocortisone/TH or ハイドロコルチゾン/TA)) and (PT=会議録除く)	5,976
#12	((Hydrocortisone/TH or ヒドロコルチゾン/TA)) and (PT=会議録除く)	6,372
#13	((Glucocorticoids/TH or glucocorticoids/TA)) and (PT=会議録除く)	54,565

#14	((Glucocorticoids/TH or グルココルチコイド/TA)) and (PT=会議録除く)	55,185
#15	((Glucocorticoids/TH or 糖質コルチコイド/TA)) and (PT=会議録除く)	54,736
#16	#10 or #11 or #12 or #13 or #14 or #15	56,502
#17	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	301,704
#18	#9 and #16 and #17	93

PRISMA フロー図



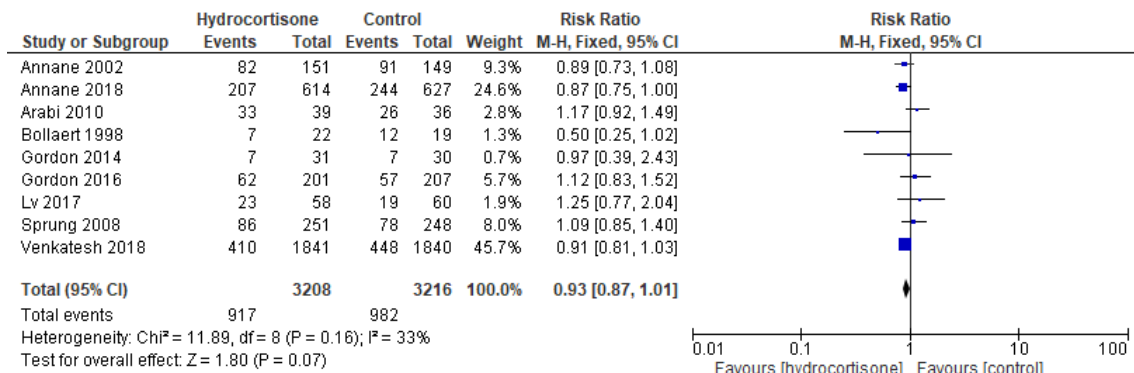
Risk of Bias サマリー

	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
Annane2002	+	?	+	?	+	+	+
Annane2018	+	?	+	?	+	+	+
Arabi2010	+	+	+	?	+	+	+
Bollaert1998	+	+	+	+	+	?	+
Briegel1999	+	?	?	?	+	?	+
Gordon2014	+	+	-	+	+	+	+
Gordon2016	+	+	+	?	+	+	+
Lv2017	+	+	+	+	+	+	+
Oppert2005	?	?	+	?	+	?	+
Sprung2008	+	+	+	+	+	+	+
Venkatesh2018	+	+	+	+	+	+	+

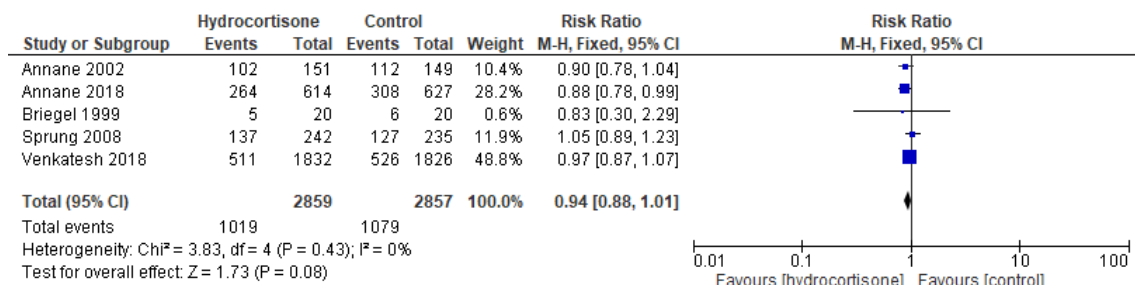
フォレストプロット

アウトカム①

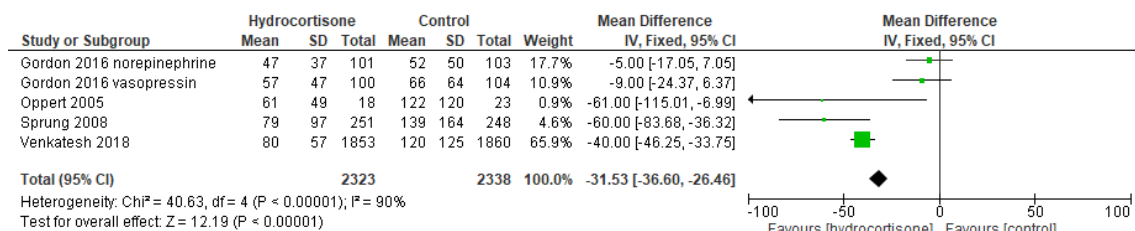
死亡率(28day mortality)



死亡率(long term motality)

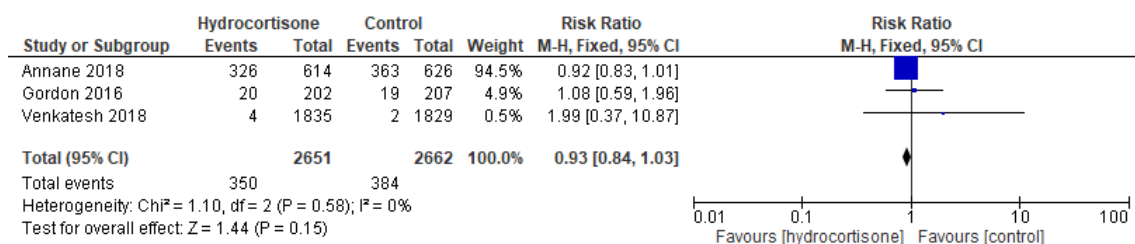


アウトカム② ショック離脱

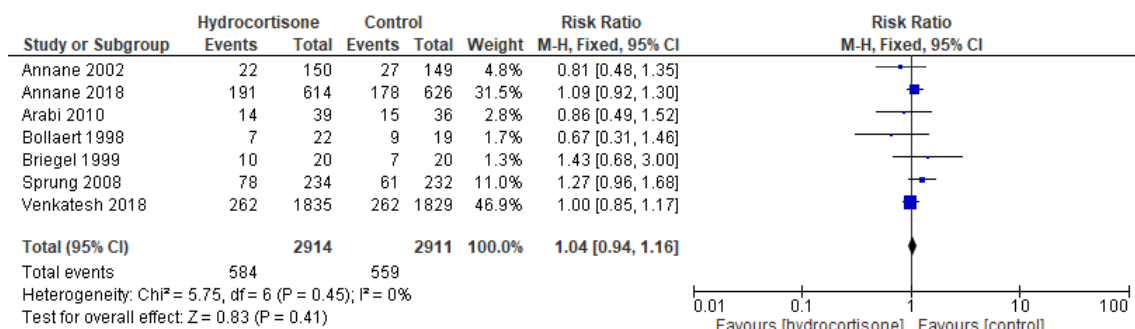


アウトカム③ 有害事象

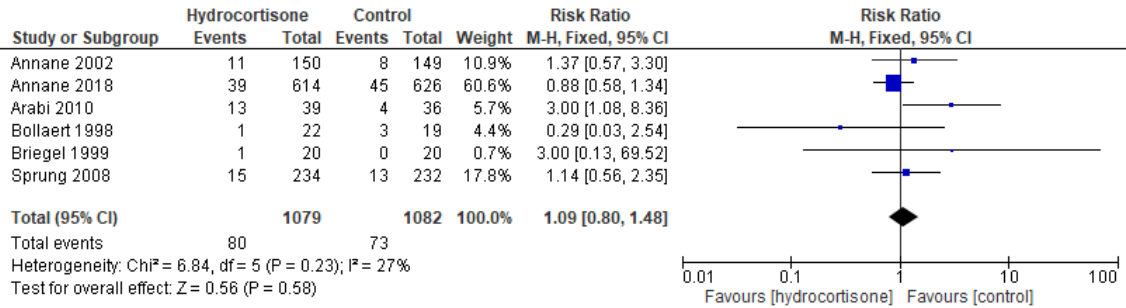
Serious adverse events



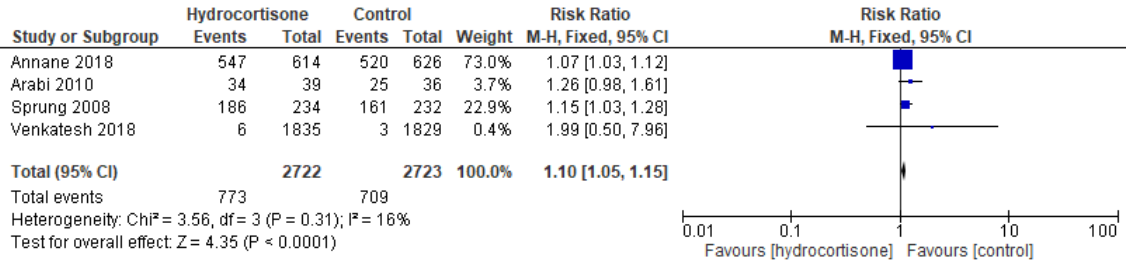
infection



GI bleeding



hyperglycemia



ファンネルプロット

