

CQ 7-3 ショックに至っていない敗血症性患者にステロイド(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 ()

PubMed search strategy (検索日 2019年 4月 25日)

#1	sepsis[mesh] OR sepsis[tiab] OR septic [tiab]	192183
#2	"systemic inflammatory response syndrome"[mesh] OR "systemic inflammatory response syndrome"[tiab] OR SIRS[tiab]	123755
#3	"multiple organ failure"[mesh] OR "organ failure"[tiab] OR MOF[tiab] OR "organ dysfunction"[tiab] OR MODS[tiab]	37625
#4	"Critical illness"[mesh] OR "critical care"[mesh] OR "intensive care units"[mesh] OR stressed[tiab] OR "critical illness" [tiab] OR "critically ill"[tiab] OR "critical care"[tiab] OR "intensive care"[tiab]	263975
#5	#1 OR #2 OR #3 OR #4	456608
#6	hydrocortisone[mesh] OR hydrocortisone[tiab] OR Glucocorticoids[Mesh] OR Glucocorticoids[tiab]	148843
#7	#5 AND #6	4691
#8	(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]))	3886739
#9	#7 AND #8	1851

CENTRAL search strategy (検索日 2019年 4月 25日)

#1	MeSH descriptor: [Sepsis] explode all trees	3998
#2	(sepsis):ti,ab,kw	10248
#3	(septic):ti,ab,kw	4108
#4	#1OR #2OR #3	13710
#5	MeSH descriptor: [Systemic Inflammatory Response Syndrome] explode all trees	4328

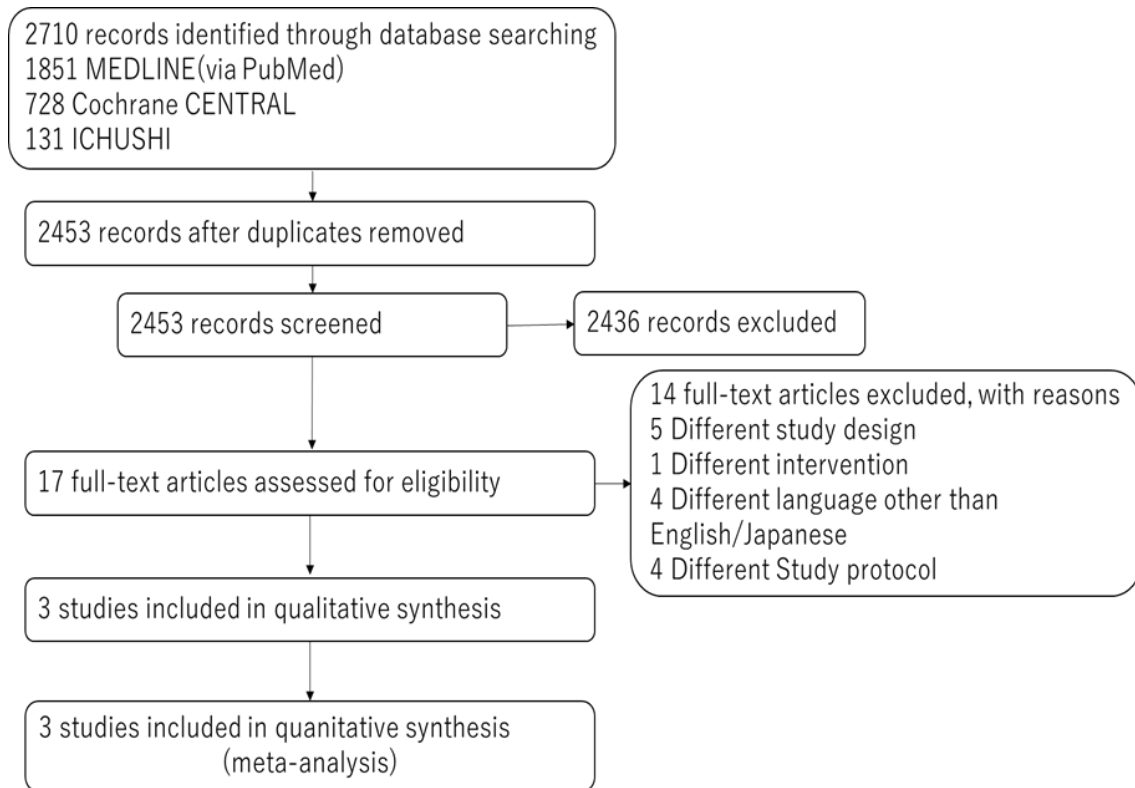
#6	("systemic inflammatory response syndrome"):ti,ab,kw	1020
#7	(SIRS) :ti,ab,kw	676
#8	#5 OR #6 OR #7	5181
#9	MeSH descriptor: [Multiple Organ Failure] explode all trees	384
#10	(organ failure) :ti,ab,kw	5601
#11	(MOF) :ti,ab,kw	141
#12	(organ dysfunction) :ti,ab,kw	2529
#13	(MODS) :ti,ab,kw	247
#14	#9OR#10OR#11OR#12OR#13	7156
#15	MeSH descriptor: [Critical illness] explode all trees	1845
#16	MeSH descriptor: [Critical care] explode all trees	1918
#17	MeSH descriptor: [Intensive Care Units] explode all trees	3260
#18	(critical illness) :ti,ab,kw	3785
#19	(critical care) :ti,ab,kw	8789
#20	(intensive care) :ti,ab,kw	25081
#21	(critically ill) :ti,ab,kw	5980
#22	(stressed) :ti,ab,kw	958
#23	#15OR#16OR#17OR#18OR#19OR#20OR#21OR#22	33986
#24	#4OR#8OR#14OR#23	49332
#25	MeSH descriptor: [Hydrocortisone] explode all trees	5701
#26	MeSH descriptor: [Glucocorticoids] explode all trees	4256
#27	(hydrocortisone) :ti,ab,kw	8875
#28	(glucocorticoids) :ti,ab,kw	5943
#29	#25OR#26OR#27OR#28	14268
#30	#24AND#29	743
#31	trials	728

医学中央雑誌 search strategy (検索日 2019年 4月 25日)

#1	((敗血症/TH or 敗血症/TA)) and (PT=会議録除<)	22405
#2	((敗血症/TH or sepsis/TA)) and (PT=会議録除<)	15909
#3	((敗血症/TH or septic/TA)) and (PT=会議録除<)	16419
#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<)	17730
#5	((全身性炎症反応症候群/TH or SIRS/TA)) and (PT=会議録除<)	17846

#6	((多臓器不全/TH or 多臓器不全/TA)) and (PT=会議録除く)	6286
#7	((多臓器不全/TH or MOF/TA)) and (PT=会議録除く)	4899
#8	((多臓器不全/TH or "organ failure"/TA)) and (PT=会議録除く)	3827
#9	((多臓器不全/TH or "organ dysfunction"/TA)) and (PT=会議録除く)	3715
#10	((多臓器不全/TH or MODS/TA)) and (PT=会議録除く)	3763
#11	((クリティカルケア/TH or クリティカルケア/TA)) and (PT=会議録除く)	6056
#12	((ICU/TH or ICU/TA)) and (PT=会議録除く)	45474
#13	((集中治療/TH or 集中治療/TA)) and (PT=会議録除く)	12179
#14	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13	81157
#15	(Hydrocortisone/TH or Hydrocortisone/TA) and (PT=会議録除く)	6304
#16	(Hydrocortisone/TH or ハイドロコルチゾン/TA) and (PT=会議録除く)	5976
#17	(Hydrocortisone/TH or ヒドロコルチゾン/TA) and (PT=会議録除く)	6372
#18	((Glucocorticoids/TH or Glucocorticoids/TA)) and (PT=会議録除く)	54565
#19	((Glucocorticoids/TH or グルココルチコイド/TA)) and (PT=会議録除く)	55185
#20	((Glucocorticoids/TH or 糖質コルチコイド/TA)) and (PT=会議録除く)	54736
#21	#15 or #16 or #17 or #18 or #19 or #20	56502
#22	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 臨床試験/AL	255268
#23	#14 and #21 and #22	131

PRISMA フロー図

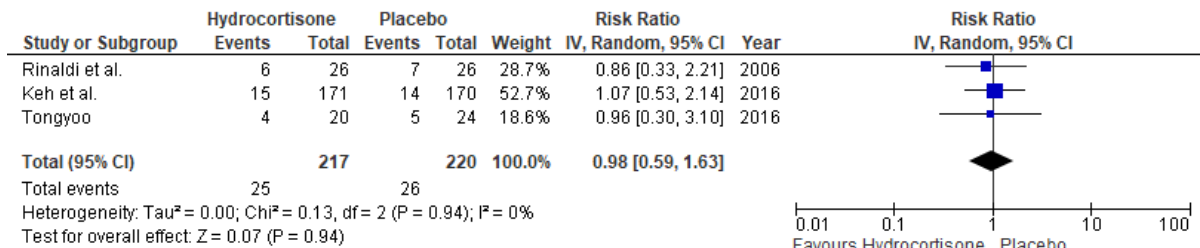


Risk of Bias サマリー

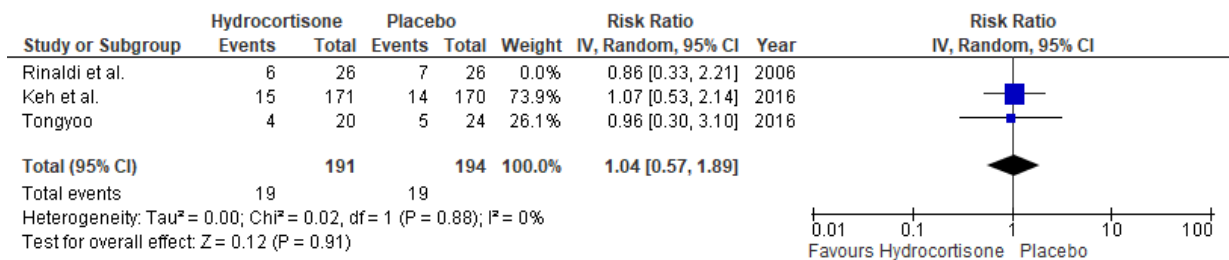
	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Keh et al.	+	+	+	+	+	+	+
Rinaldi et al.	+	?	+	+	-	+	+
Tongyoo	+	+	+	+	+	+	+

フォレストプロット

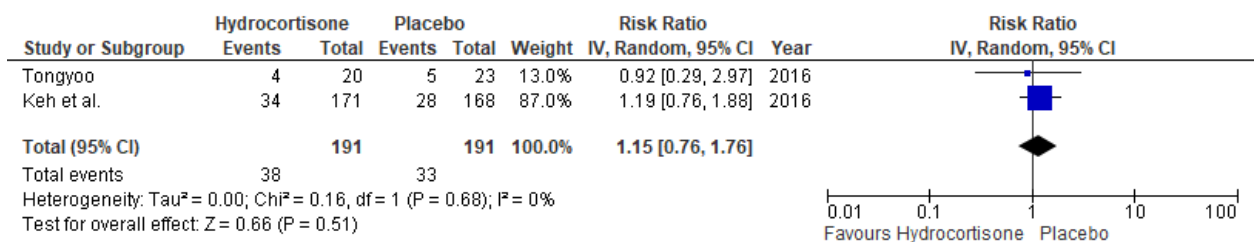
アウトカム① 28-day mortality 死亡率



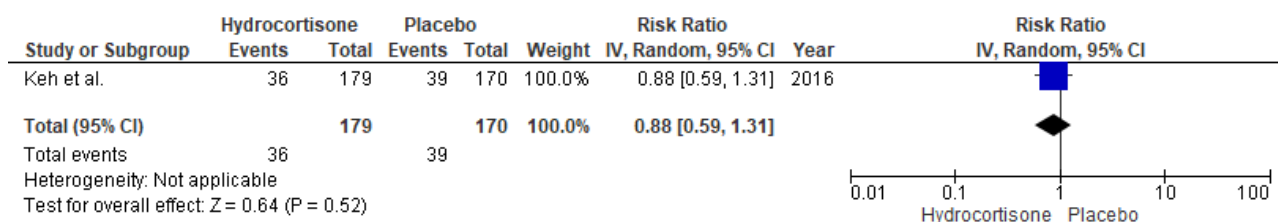
アウトカム① 28-day mortality (#14 除外)



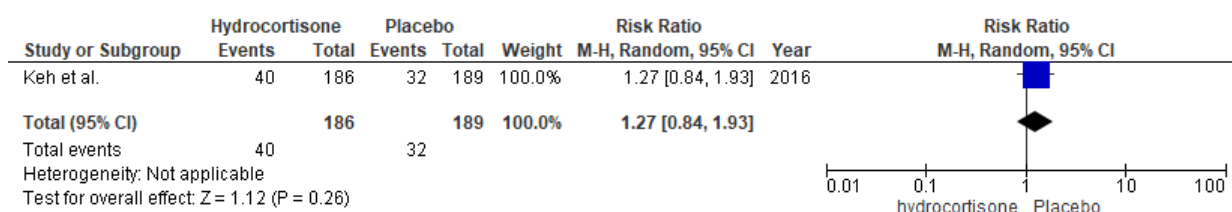
アウトカム② long-term mortality



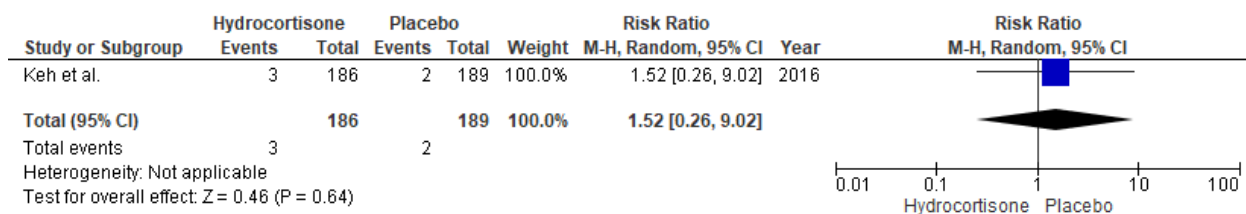
アウトカム③ Progress to Shock



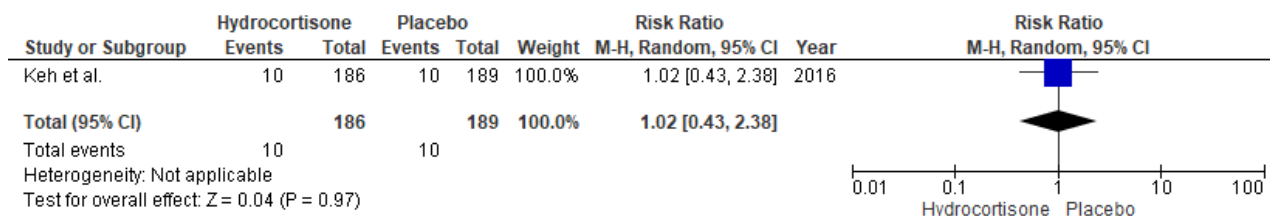
アウトカム 4 Superinfection



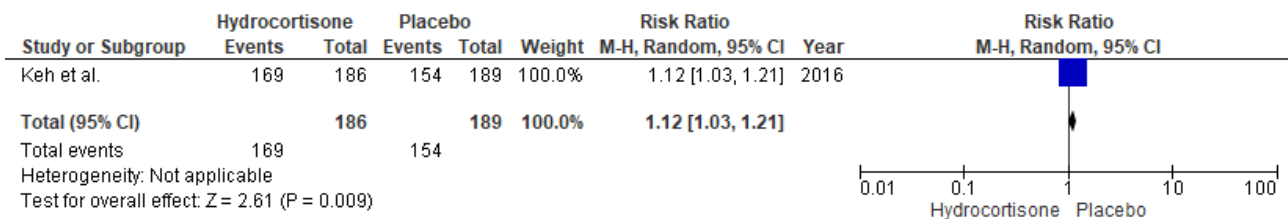
アウトカム 5 GI bleeding



アウトカム 6 Hypernatremia



アウトカム 7 Hyperglycemia



ファンネルプロット

