

CQ 6-1

敗血症患者に対して心エコーを行なうか？

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 2 日)

#1	Search (("systemic inflammatory response syndrome"[MeSH Terms]) OR "systemic inflammatory response syndrome"[tiab]) OR "SIRS"[tiab]	123852
#2	Search (sepsis[MeSH Terms]) OR sepsis[tiab]	169383
#3	Search (((("multiple organ failure"[MeSH Terms]) OR "organ failure"[tiab]) OR "organ dysfunction"[tiab]) OR "MOF"[tiab]) OR "MODS"[tiab]	37685
#4	Search ((((((echocardiography[MeSH Terms]) OR echocardiography[tiab]) OR echocardiogram[tiab])) OR ultrasoundgraphy[MeSH Terms]) OR Ultrasound[Title/Abstract]	393665
#5	Search ((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])))	3890430
#6	Search (#1 OR #2 OR #3)	202357
#7	Search (#4 AND #5 AND #6)	764
#9		
#10		

CENTRAL search strategy (検索日 2019 年 5 月 2 日)

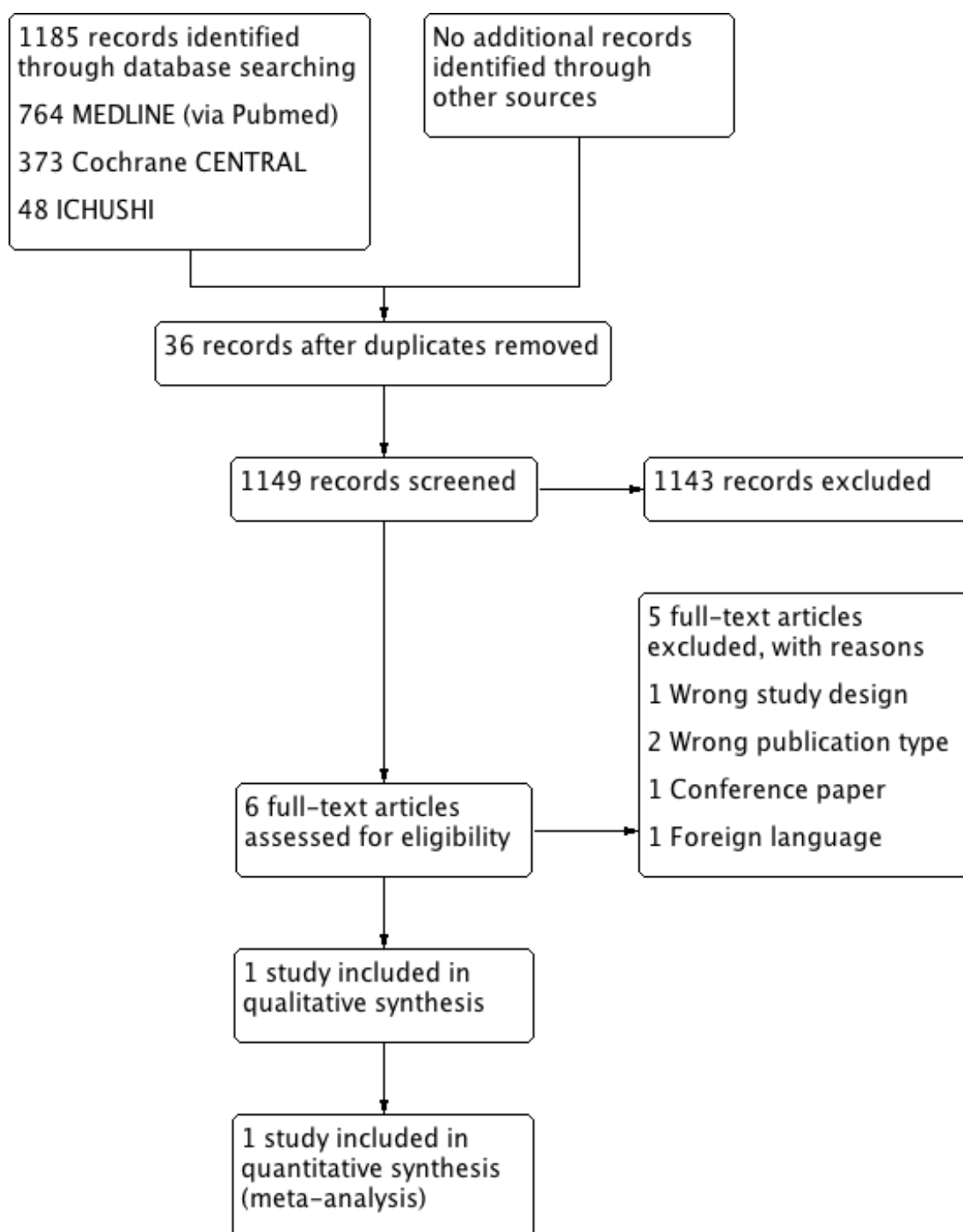
#1	MeSH descriptor: [Sepsis] explode all trees	4028
#2	(sepsis):ti,ab,kw	10323
#3	MeSH descriptor: [Multiple Organ Failure] explode all trees	387
#4	(organ failure):ti,ab,kw	8157

#5	(organ dysfunction):ti,ab,kw	3713
#6	(MOF):ti,ab,kw	150
#7	(MODS):ti,ab,kw	785
#8	MeSH descriptor: [Systemic Inflammatory Response Syndrome] explode all trees	4357
#9	(systemic inflammatory response syndrome):ti,ab,kw	1447
#10	(SIRS):ti,ab,kw	1128
#11	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10	23149
#12	MeSH descriptor: [Echocardiography] explode all trees	4150
#13	(echocardiography):ti,ab,kw	11150
#14	(echocardiogram):ti,ab,kw	1704
#15	#12 OR #13 OR #14	11811
#16	#11 AND #15	375
		373








医学中央雑誌 search strategy (検索日 2019 年 5 月 2 日)

#1	(敗血症/TH or 敗血症/TA) and (PT=会議録除く)	22,465
#2	(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)	17,767
#3	(全身性炎症反応症候群/TH or SIRS/TA) and (PT=会議録除く)	17,885
#4	(多臓器不全/TH or 多臓器不全/TA) and (PT=会議録除く)	6,294
#5	(多臓器不全/TH or MOF/TA) and (PT=会議録除く)	4,905
#6	#1 or #2 or #3 or #4 or #5	29,979
#7	((超音波/TH or 超音波/TA)) and (PT=会議録除く)	82,827
#8	(エコー/TA) and (PT=会議録除く)	43,950
#9	(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) and (PT=会議録除く)	229,746
#10	#7 or #8	116,537
#11	#6 and #9 and #10	48

PRISMA フロー図



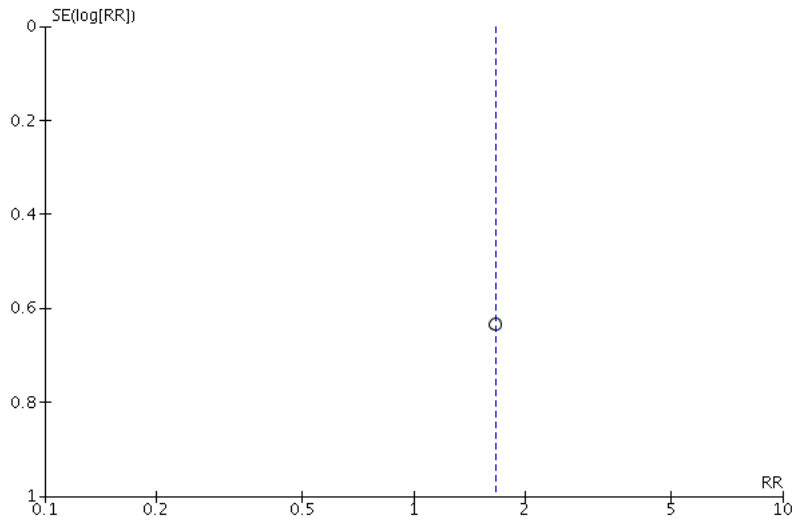
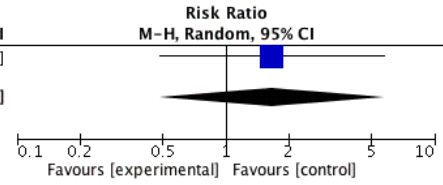
Risk of Bias サマリー

Lanspa 2018		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

Forest/Funnel Plots

アウトカム① Short-term mortality (28 or 30days)

Study or Subgroup	Experimental		Control		Weight	Risk Ratio
	Events	Total	Events	Total		M-H, Random, 95% CI
Lanspa 2018	5	15	3	15	100.0%	1.67 [0.48, 5.76]
Total (95% CI)		15		15	100.0%	1.67 [0.48, 5.76]
Total events	5		3			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.81 (P = 0.42)						



アウトカム② ICU length of stay (days)

Study or Subgroup	Experimental			Control			Weight	Mean Difference
	Mean	SD	Total	Mean	SD	Total		IV, Fixed, 95% CI
Lanspa 2018	24.2	6.45	15	24.5	5.1	15	100.0%	-0.30 [-4.46, 3.86]
Total (95% CI)			15			15	100.0%	-0.30 [-4.46, 3.86]
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.14 (P = 0.89)								

