

CQ 5-2

劇症型溶血性レンサ球菌感染症 (STSS) に対して IVIG 投与を行なうか？

毒素性ショック症候群 (TSS) による敗血症に対して IVIG 投与を行なうか？ (unGRADE)

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 21 日)

#1	"sepsis"[MeSH] OR "sepsis"[tiab] OR "shock, septic"[MeSH] OR (septic[tiab] AND shock[tiab]) OR infection[Mesh]	818380
#2	"immunoglobulins, intravenous"[MeSH] OR (immunoglobulin[tiab] AND intravenous[tiab])	18905
#3	animals [MeSH] NOT humans [MeSH]	4572592
#4	#1 AND #2	1726
#5	#4 NOT #3	1650

CENTRAL search strategy (検索日 2019 年 4 月 21 日)

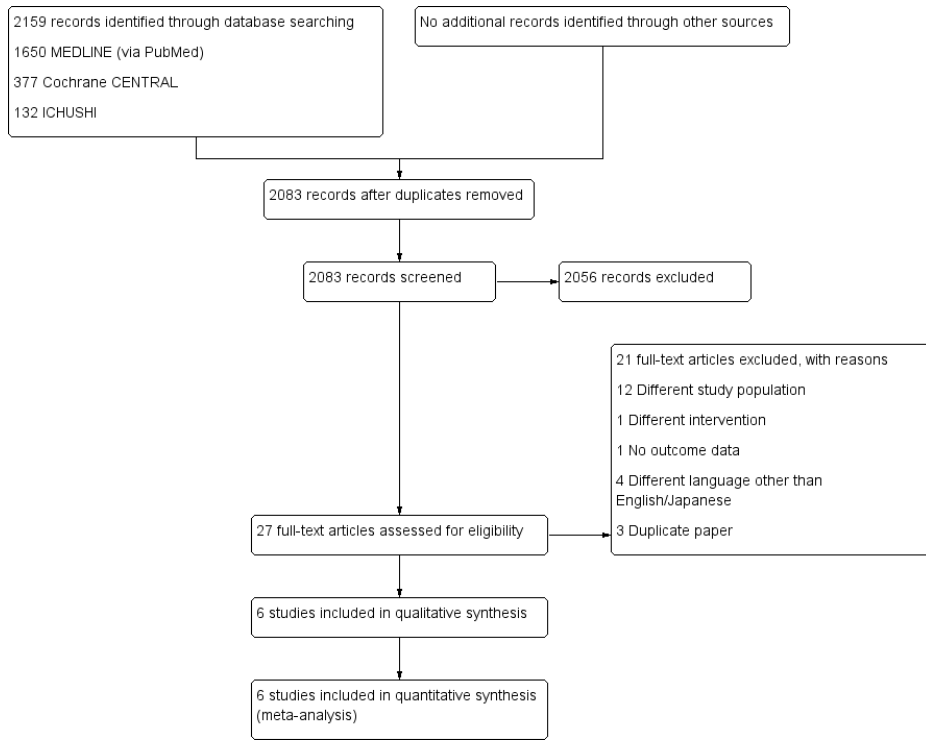
#1	MeSH descriptor: [Sepsis] explode all trees	3998
#2	(sepsis):ti,ab,kw	10248
#3	MeSH descriptor: [Shock, Septic] explode all trees	771
#4	(septic shock):ti,ab,kw	2738
#5	#1 OR #2 OR #3 OR #4	12972
#6	MeSH descriptor: [Immunoglobulins, Intravenous] explode all trees	768
#7	(intravenous immunoglobulin):ti,ab,kw	2313
#8	(immunoglobulin):ti,ab,kw	1242
#9	(ivig):ti,ab,kw	12103
#10	#6 OR #7 OR #8 OR #9	12538
#11	#5 AND #10	377

医学中央雑誌 search strategy (検索日 2019 年 4 月 21 日)

#1	((敗血症/TH or 敗血症/TA)) and (PT=会議録除く)	22405
----	-------------------------------------	-------

#2	((ショック-敗血症性/TH or ショック-敗血症性/TA)) and (PT=会議録除く)	5098
#3	((感染/TH or 感染/TA)) and (PT=会議録除く)	303785
#4	#1 OR #2 OR #3	307348
#5	((Globulins/TH or グロブリン/TA)) and (PT=会議録除く)	128419
#6	((静脈内投与/TH or 静脈内投与/TA)) and (PT=会議録除く)	36165
#7	#5 AND #6	6316
#8	((臨床研究・疫学研究/TH or 臨床研究/TA)) and (PT=会議録除く)	171833
#9	#4 and #7 and #8	132

PRISMA フロー図



Risk of Bias サマリー

STSS 観察研究 (CLDM 投与症例限定)

	Bias due to confounding	Bias in selection of participants into the study	Bias in classification of interventions	Bias due to deviations from intended interventions	Bias due to missing data	Bias in measurement of outcomes	Bias in selection of the reported result
Carapetis 2014	+	+	+	+	+	+	+
Kadri 2017	+	+	+	+	+	+	+
Kaul 1999	+	+	+	+	+	+	+
Linner 2014	+	+	+	+	+	+	+

STSS RCT (CLDM 投与症例限定)

Darenberg 2003	+	+	+	+	+	+	+
	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

NSTI 観察研究

Kadri 2017	+	+	+	+	+	+	+
	Bias due to confounding	Bias in selection of participants into the study	Bias in classification of interventions	Bias due to deviations from intended interventions	Bias due to missing data	Bias in measurement of outcomes	Bias in selection of the reported result

NSTI RCT

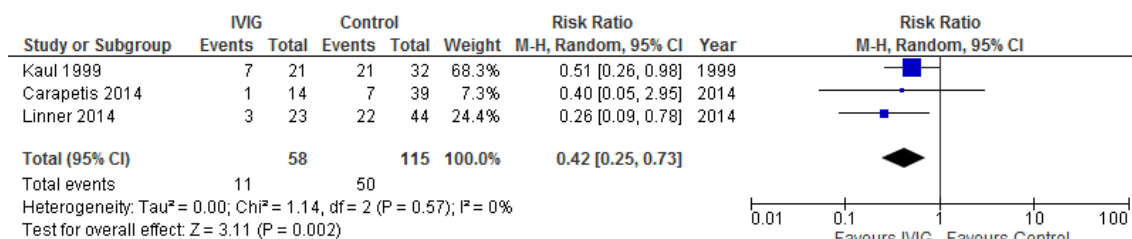
Madsen 2017	+	+	+	+	+	+	+
	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias

フォレストプロット

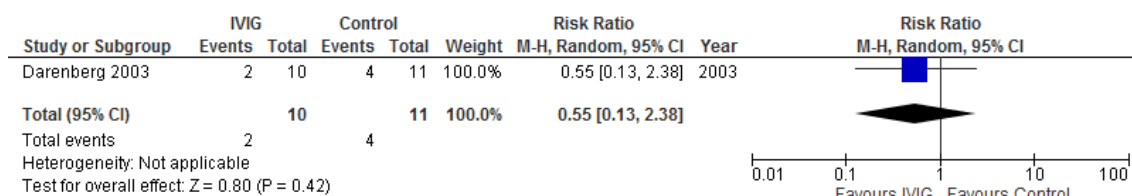
STSS

アウトカム① 死亡率

観察研究

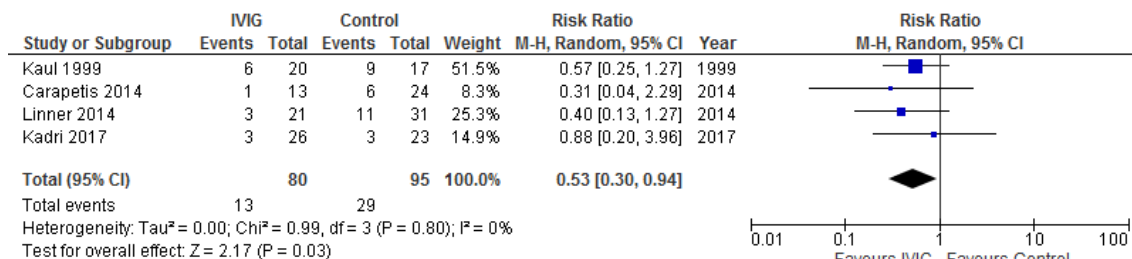


RCT

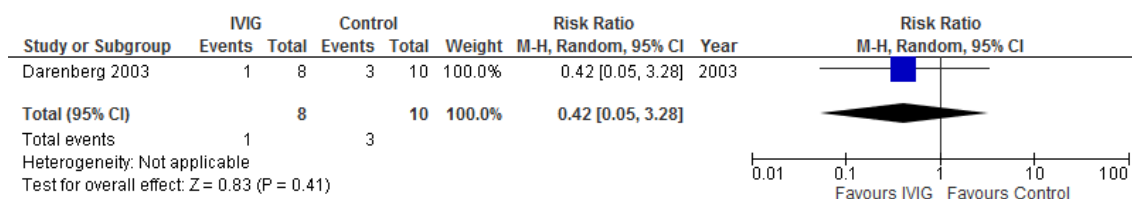


アウトカム① 死亡率(STSS+CLDM 投与症例限定)

観察研究



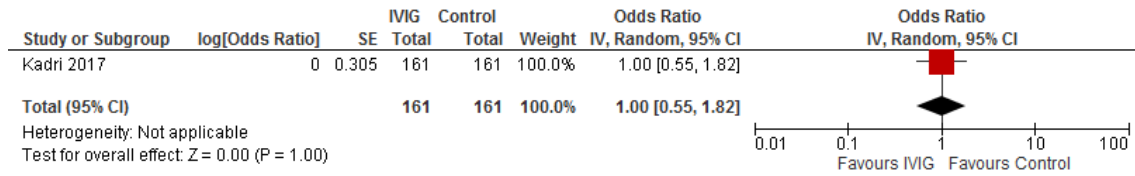
RCT



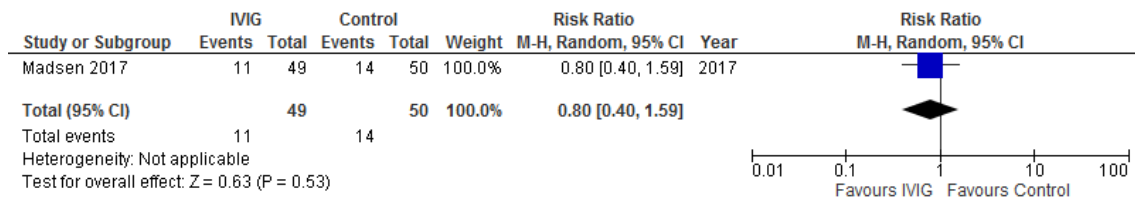
NSTI

アウトカム① 死亡率

観察研究

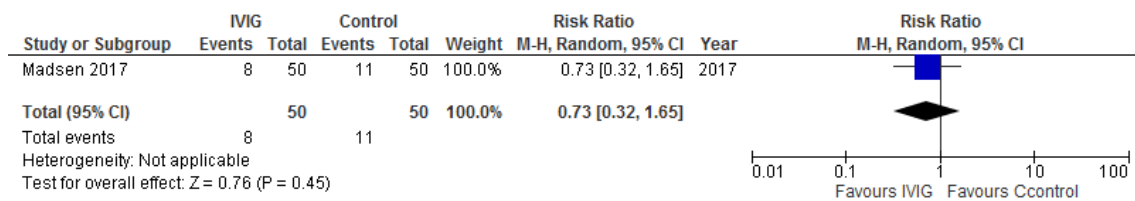


RCT



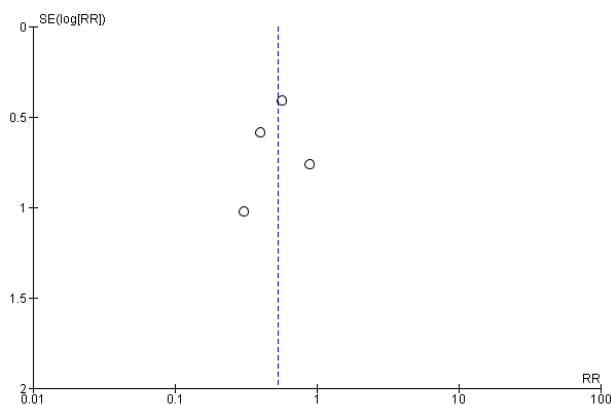
アウトカム② 有害事象

RCT

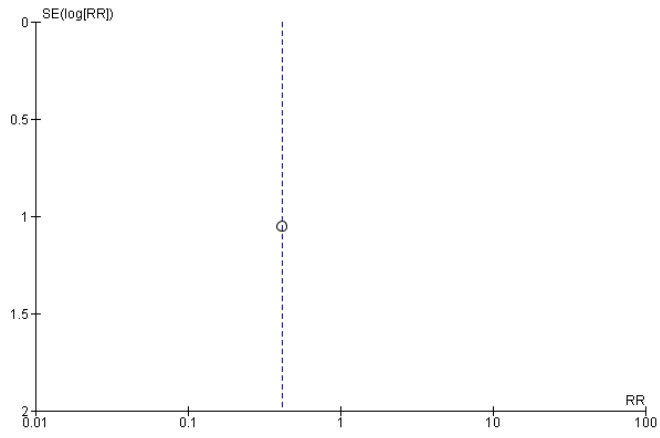


ファンネルプロット

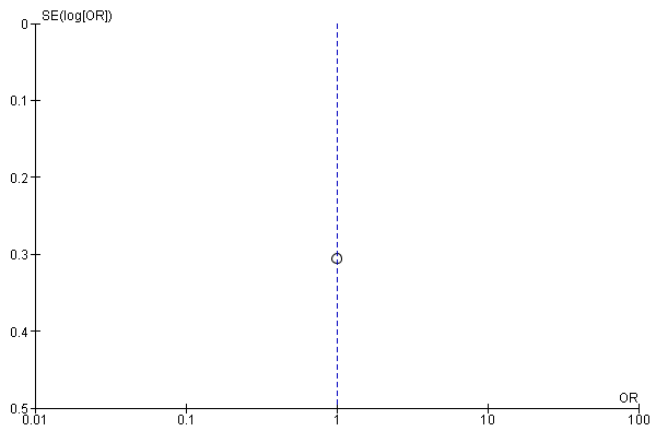
STSS 観察研究 (CLDM 投与症例限定)



STSS RCT (CLDM 投与症例限定)



NSTI 観察研究



NSTI RCT

