CQ 4-8 敗血症に対する抗菌薬治療で、デエスカレーションを行なうか？

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 4 月 28 日）

#1	"sepsis"[mesh] OR "sepsis"[tiab] OR "Severe Sepsis"[tiab] OR "Sepsis, Severe"[tiab] OR "Pyemia"[tiab] OR "Pyemias"[tiab] OR "Pyohemia"[tiab] OR "Pyaemia"[tiab] OR "Septicemia"[tiab] OR "Septicemias"[tiab] OR "Blood Poisoning"[tiab] OR "Blood Poisonings"[tiab] OR "Septicemia"[tiab] OR "Blood stream infection"[tiab] OR "Septic shock"[tiab] OR "Endotoxic Shock"[tiab] OR "Toxic Shock"[tiab] OR "Severe sepsis"[tiab]	183467
#2	"Systemic Inflammatory Response Syndrome"[mesh] OR "Systemic Inflammatory Response Syndrome"[tiab] OR "Sepsis Syndrome"[tiab] OR "Sepsis Syndromes"[tiab]	121741
#3	"Anti-Infective Agents"[Mesh] OR "Anti-Infective Agents"[tiab] OR "Anti Infective Agents"[tiab] OR "Antiinfective Agents"[tiab] OR "Microbicides"[tiab] OR "Antimicrobial Agents"[tiab] OR "Anti-Microbial Agents"[tiab] OR "Anti Microbial Agents"[tiab] OR "antibiotic therapy"[tiab] OR "Anti Bacterial"[tiab] OR "Antibacterial"[tiab] OR "Anti-Mycobacterial"[tiab] OR "Bactericidal"[tiab] OR "Anti-Mycobacterial"[tiab] OR "Anti Mycobacterial"[tiab] OR "Anti mycobacterial"[tiab] OR "Antibiotics"[tiab] OR "Antibiotic"[tiab] OR "Bacteriocidal"[tiab] OR "Bacteriocides"[tiab] OR "Antifungal agents"[Mesh] OR "Antifungal agents"[tiab] OR "Anti-fungal"[tiab] OR "Antifungic"[tiab] OR "Fungicides"[tiab] OR "Chemotherapies"[tiab] OR "Chemotherapy"[tiab] OR "Drug Therapies"[tiab] OR "Drug Therapy"[Mesh] OR "Drug Therapy"[tiab] OR "Pharmacotherapies"[tiab] OR "Pharmacotherapy"[tiab]	2282682

#4	“De-escalation” [tiab] OR “De escalation” [tiab] OR “Deescalate” [tiab] OR “Narrow spectrum” [tiab] OR “Narrow-spectrum” [tiab] OR “Narrower spectrum” [tiab] OR “Narrower-spectrum” [tiab] OR “Narrowing” [tiab] OR “Adjustment” [tiab] OR “Adjust” [tiab] OR “Tailoring” [tiab] OR “Tailored” [tiab] OR “Tailor” [tiab] OR “Downgrading” [tiab] OR “Discontinue” [tiab] OR “discontinuing” [tiab] OR “definitive therapy” [tiab] OR “definitive treatment” [tiab] OR “targeted therapy” [tiab] OR “targeted treatment” [tiab]	331088
#5	"Drug Utilization"[Mesh] OR "Drug Utilization"[tiab] OR "Drug Utilizations"[tiab] OR "Drug Utilization Review"[Mesh] OR "Drug Utilization Review"[tiab] OR "Drug-Use Review"[tiab] OR "Drug Use Review"[tiab] OR "Drug-Use Reviews"[tiab] OR "Review, Drug Utilization"[tiab] OR "Drug Utilization Reviews"[tiab] OR "Utilization Review, Drug"[tiab] OR "Drug Utilization Evaluation"[tiab] OR "Drug Utilization Evaluations"[tiab]	24843
#6	#1 OR #2	187559
#7	#4 OR #5	355032
#8	#3 AND #6 AND #7	1412
#9	25091790[uid] AND #7	1

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: [Systemic Inflammatory Response Syndrome] explode all trees	4328
#4	("Systemic Inflammatory Response Syndrome"):ti,ab,kw	1020
#5	(SIRS):ti,ab,kw	676
#6	#1 OR # 2 OR #3 OR #4 OR #5	12886
#7	MeSH descriptor: [Anti-Infective Agents] explode all trees	27345
#8	("Anti-Infective Agents"):ti,ab,kw	4739
#9	MeSH descriptor: [Antifungal Agents] explode all trees	1681
#10	("Antifungal agents"):ti,ab,kw	1862
#11	MeSH descriptor: [Drug Therapy] explode all trees	134017
#12	("Drug Therapy"):ti,ab,kw	356136
#13	#7 OR # 8 OR #9 OR #10 OR #11 OR #12	404883

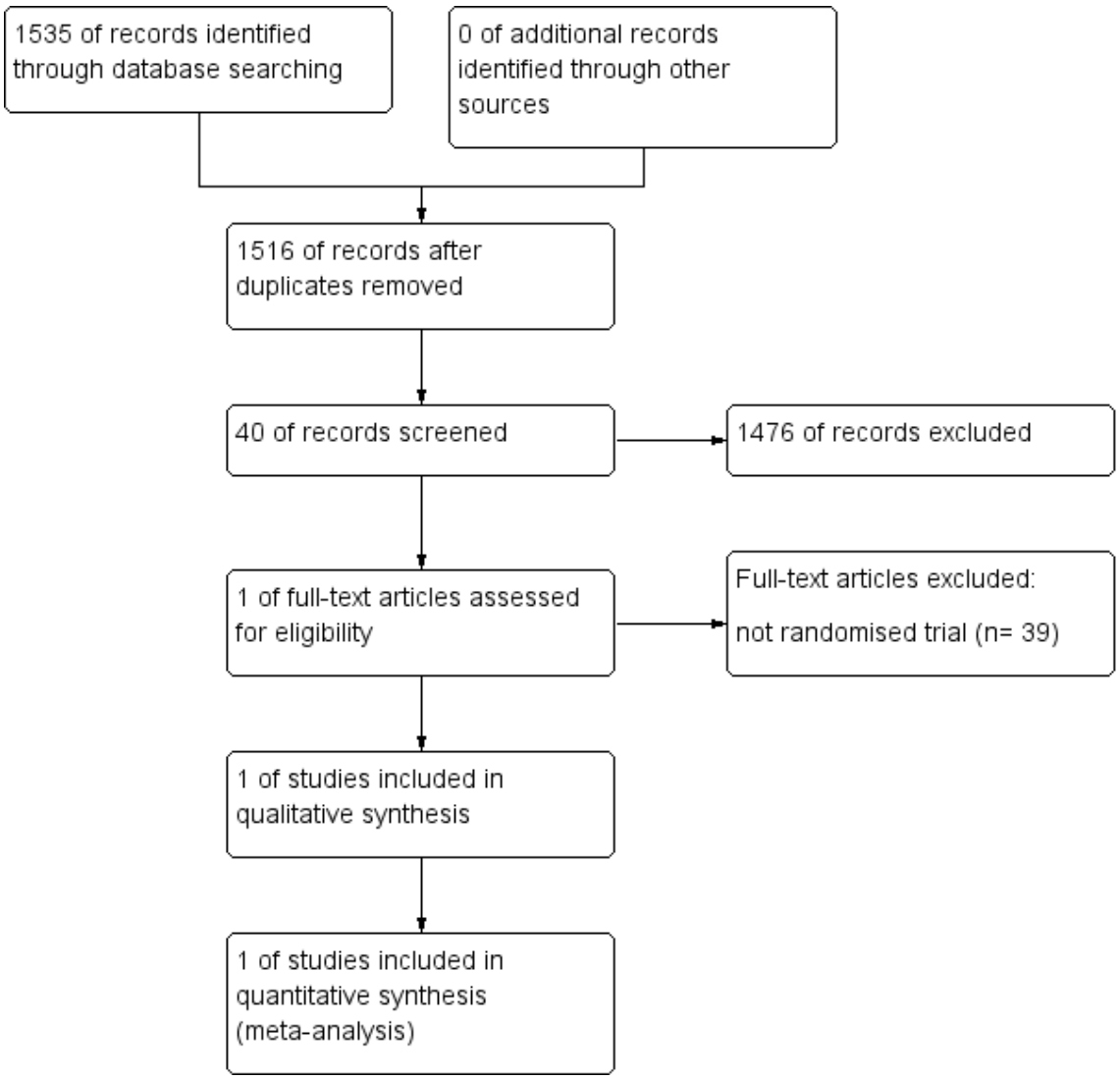
#14	MeSH descriptor: [Drug Utilization] explode all trees	481
#15	("Drug Utilization"):ti,ab,kw	895
#16	MeSH descriptor: [Drug Utilization Review] explode all trees	103
#17	("Drug Utilization Review"):ti,ab,kw	121
#18	("Drug-Use Review"):ti,ab,kw	5
#19	("Drug Use Review"):ti,ab,kw	5
#20	("Drug-Use Reviews"):ti,ab,kw	2
#21	("Review, Drug Utilization"):ti,ab,kw	1
#22	("Drug Utilization Reviews"):ti,ab,kw	3
#23	("Drug Utilization Evaluation"):ti,ab,kw	10
#24	("De-escalation"):ti,ab,kw	303
#25	("De escalation"):ti,ab,kw	303
#26	("Deescalate"):ti,ab,kw	29
#27	("Narrow spectrum"):ti,ab,kw	96
#28	("Narrow-spectrum"):ti,ab,kw	96
#29	("Narrower spectrum"):ti,ab,kw	17
#30	("Narrower-spectrum"):ti,ab,kw	17
#31	("Narrowing"):ti,ab,kw	1447
#32	("definitive therapy"):ti,ab,kw	133
#33	("definitive treatment"):ti,ab,kw	441
#34	#14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33	3342
#35	#6 AND #13 AND #34	48

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

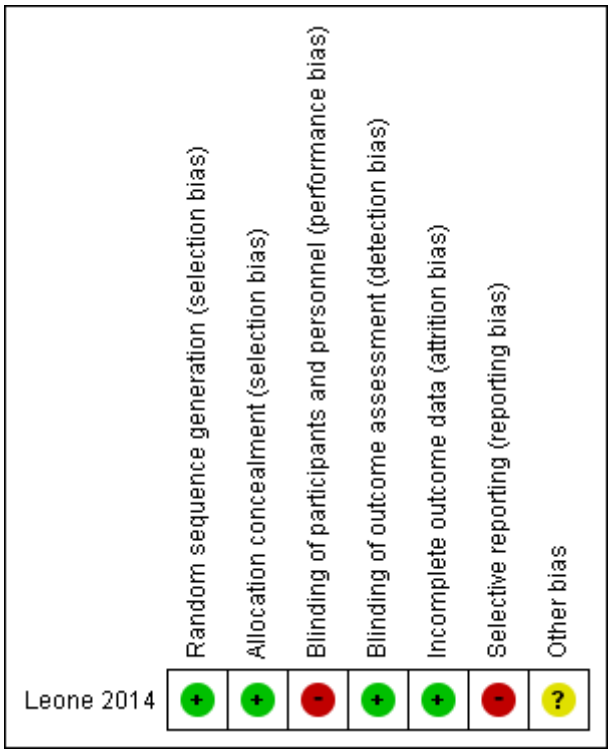
#1	((敗血症/TH or 敗血症/TA)) and (PT=会議録除く)	22,405
#2	(毒血症/TH or 毒血症/TA)) and (PT=会議録除く)	494
#3	((全身性炎症反応症候群/TH or 全身性炎症反応症候群/TA)) and (PT=会議録除く)	17,730
#4	((ショック-敗血症性/TH or 敗血症性ショック/AL)) and (PT=会議録除く)	6,145
#5	((多臓器不全/TH or 多臓器不全/TA)) and (PT=会議録除く)	6,286
#6	((不適切な処方/TH or 不適切な処方/TA)) and (PT=会議録除く)	175
#7	((医薬品過剰使用/TH or 医薬品過剰使用/TA)) and (PT=会議録除く)	85

#8	((抗菌薬適正使用支援/TH or 抗菌薬適正使用支援/TA)) and (PT=会議録除く)	245
#9	((抗感染剤/TH or 抗感染剤/AL)) and (PT=会議録除く)	198,245
#10	("デ・エスカレーション"/TA) and (PT=会議録除く)	4
#11	("Antibiotic Stewardship"/TA) and (PT=会議録除く)	7
#12	("Antimicrobial Stewardship"/TA) and (PT=会議録除く)	119
#13	("De-escalation"/TA) and (PT=会議録除く)	210
#14	(抗菌剤の適正使用/TA) and (PT=会議録除く)	22
#15	(抗菌薬の適正使用/TA) and (PT=会議録除く)	787
#16	(抗菌薬管理/TA) and (PT=会議録除く)	18
#17	(抗菌薬管理プログラム/TA) and (PT=会議録除く)	6
#18	(抗菌薬適正使用/TA) and (PT=会議録除く)	646
#19	(抗微生物薬の適正使用/TA) and (PT=会議録除く)	12
#20	("Antimicrobial Stewardship Program"/TA) and (PT=会議録除く)	43
#21	#6 or #7 or #8 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20	1,916
#22	#1 or #2 or #3 or #4 or #5 or #21	30,648
#23	#9 and #21 and #22	1,444
#24	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
#25	#23 and #24	75

PRISMA フロー図

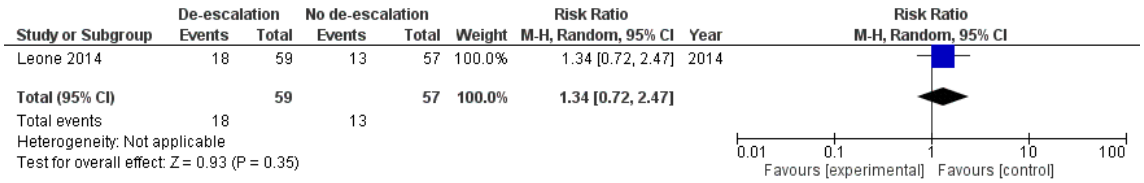


Risk of Bias サマリー

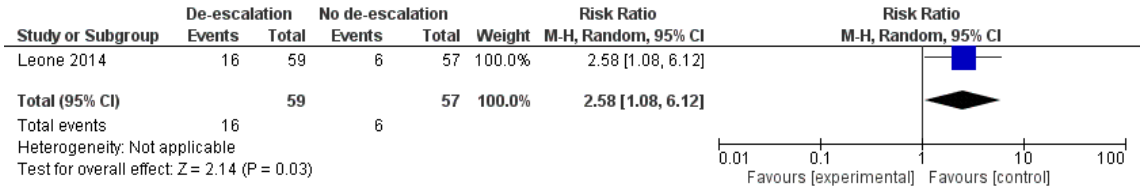


フォレストプロット

アウトカム①　90-day mortaity

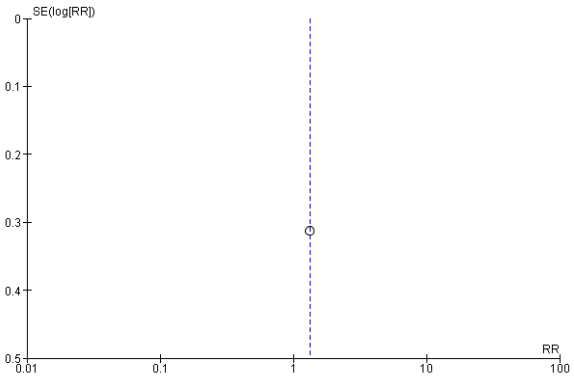


アウトカム②　重複感染



ファンネルプロット

参考（1 文献なので描記できない）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0.1
0.2
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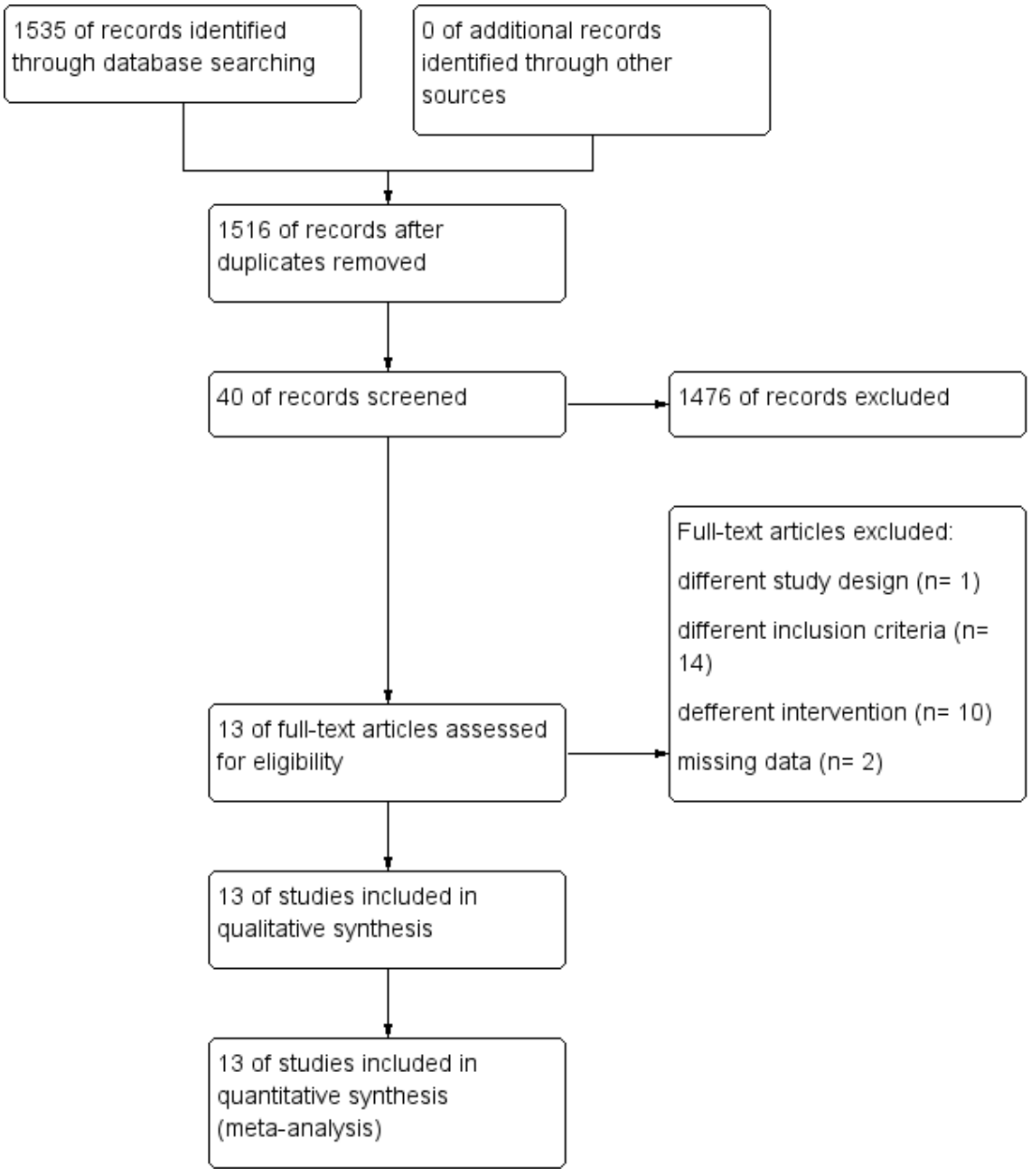
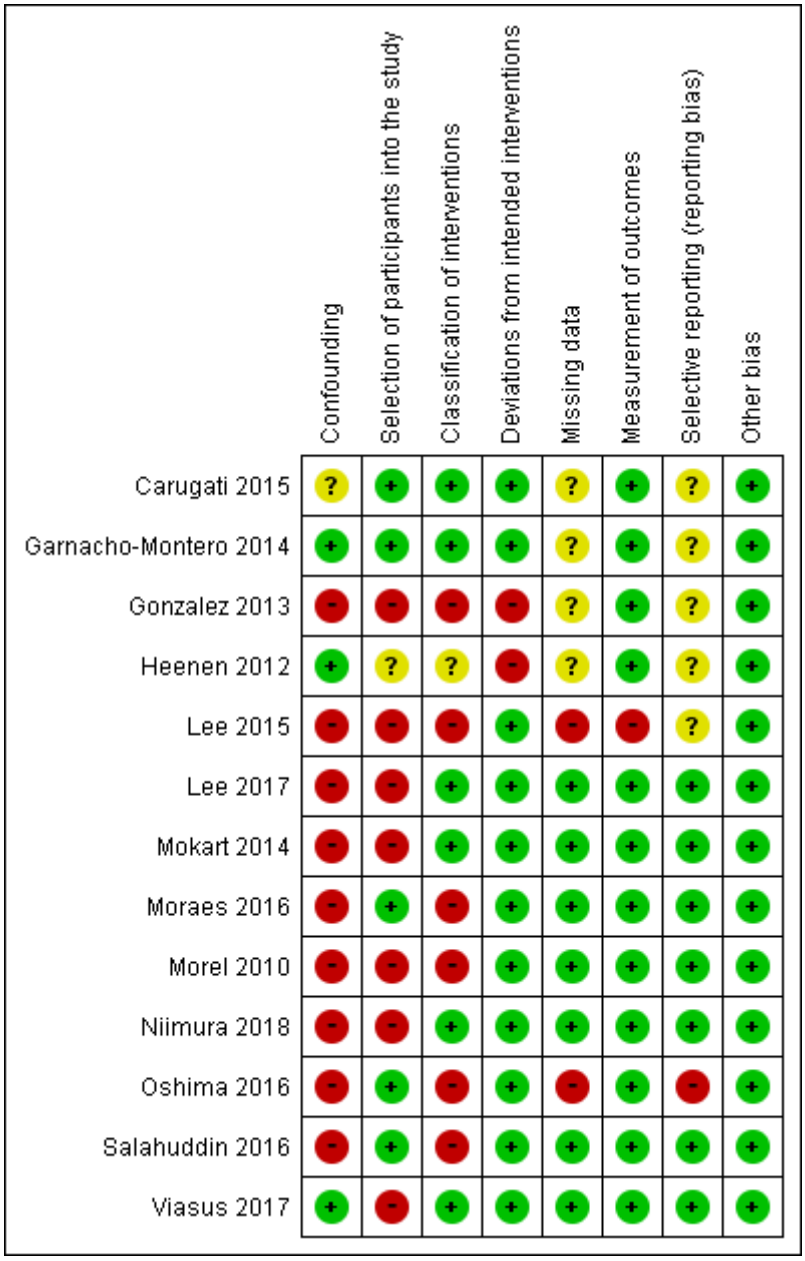
0.4
0.5
RR
0.01
0.1
1
10
100

○観察研究

PRISMA フロー図

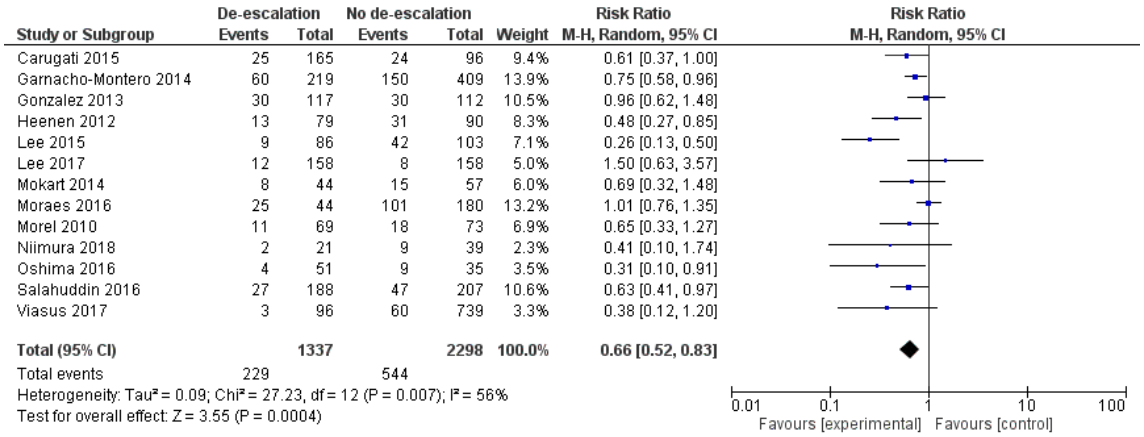


Risk of Bias サマリー

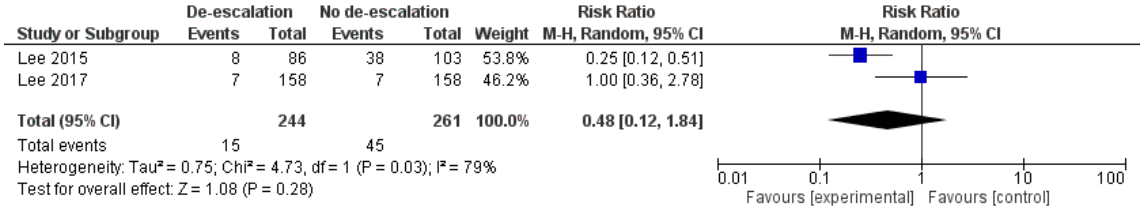


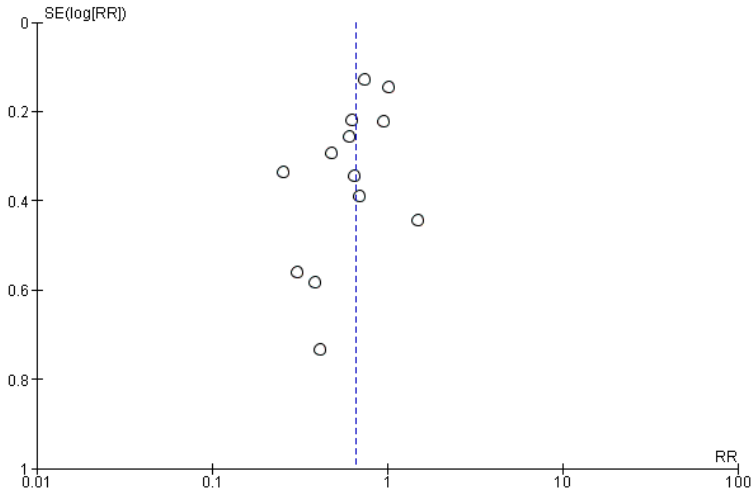
フォレストプロット

アウトカム①-1　Mortality at longest follow-up



アウトカム①-2 28-day mortality



ファンネルプロット

アウトカム①-1 Mortality at longest follow-up