

## CQ 17-1 PICS の予防に早期リハビリテーションを行うか？

### 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	"physical therapy modalities"[mh]	142874
#2	"occupational therapy"[mh]	12549
#3	"early ambulation"[mh]	2687
#4	"mobility"[tiab]	130857
#5	"training"[tiab]	369035
#6	"pregait"[tiab]	3
#7	"pre-gait"[tiab]	7
#8	"ADL"[tiab]	9201
#9	"ambulation"[tiab]	10319
#10	mobiliz*[tiab]	69363
#11	mobilis*[tiab]	8800
#12	exercis*[tiab]	278000
#13	physiotherap*[tiab]	23697
#14	"occupational"[tiab]	120949
#15	walk*[tiab]	107477
#16	"physical therapy"[tiab]	19065
#17	#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 OR #14 OR #15 OR #16	1113114
#18	(((((("critical illness"[mh]) OR "intensive care units"[mh]) OR "critical care"[mh])) OR (((("critically ill"[tiab]) OR "critical illness"[tiab]) OR ICU[tiab]) OR "intensive care unit"[tiab]) OR "critical care"[tiab]))	212185
#19	((randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR "clinical trials as topic"[MeSH Terms:noexp] OR randomly[tiab] OR trial[ti] NOT	470047

	("animals"[MeSH Terms] NOT "humans"[MeSH Terms])) AND Randomized Controlled Trial[ptyp])	
#20	#17 AND #18 AND #19	492

CENTRAL search strategy(検索日 2019年 4月 24日)

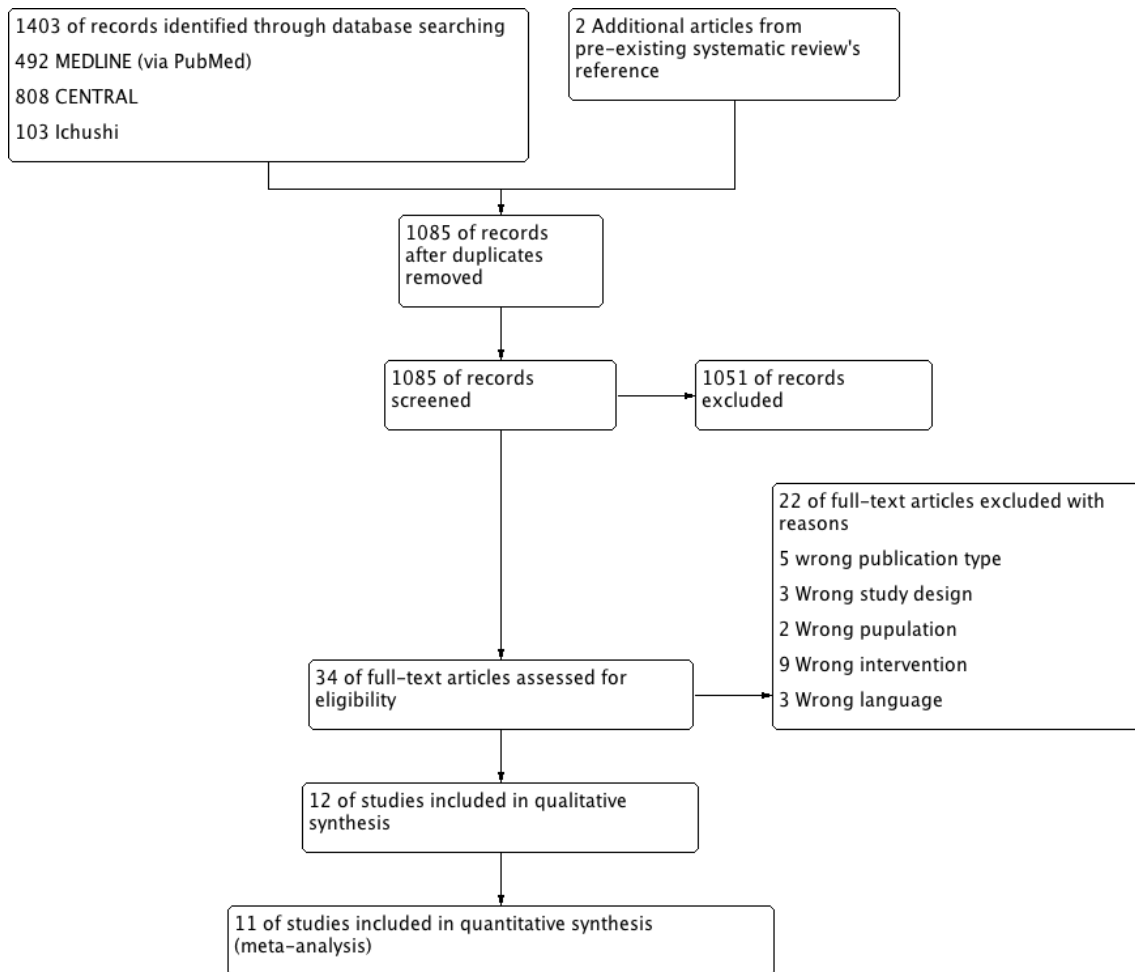
#1	("critical care"):ti,ab,kw (Word variations have been searched)	3571
#2	("critical ill"):ti,ab,kw (Word variations have been searched)	6970
#3	MeSH descriptor: [Intensive Care Units] explode all trees	3260
#4	MeSH descriptor: [Critical Illness] explode all trees	1845
#5	#1 OR #2 OR #3 OR #4	11609
#6	MeSH descriptor: [Physical Therapy Modalities] explode all trees	22370
#7	MeSH descriptor: [Occupational Therapy] explode all trees	685
#8	MeSH descriptor: [Early Ambulation] explode all trees	346
#9	(mobilizat*):ti,ab,kw (Word variations have been searched)	5702
#10	(mobilisat*):ti,ab,kw (Word variations have been searched)	1314
#11	(mobility):ti,ab,kw (Word variations have been searched)	21908
#12	(exercis*):ti,ab,kw (Word variations have been searched)	848585
#13	(pregait):ti,ab,kw (Word variations have been searched)	5
#14	(pre-gait):ti,ab,kw (Word variations have been searched)	4
#15	(walk*):ti,ab,kw (Word variations have been searched)	25070
#16	(physiotherap*):ti,ab,kw (Word variations have been searched)	12961
#17	(ambulation):ti,ab,kw (Word variations have been searched)	4609
#19	(physical therapy": ti,ab,kw (Word variations have been searched)	
#18	#6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18	1502876
#19	#18 AND #5	808

16 review 792 trials

医学中央雑誌 search strategy(検索日 2019年 4月 26日)

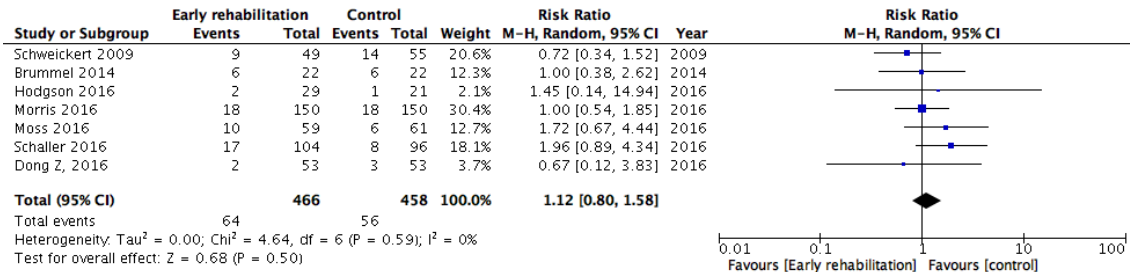
#1	危篤/TH or 危篤/TA) and (PT=会議録除く)	150
#2	(クリティカルケア/TH or クリティカルケア/TA) and (PT=会議録除く)	6056
#3	(ICU/TH or ICU/TA) and (PT=会議録除く)	45475
#4	(リハビリテーション/TH or リハビリテーション/TA) and (PT=会議録除く)	173360
#5	(早期離床/TH or 早期離床/TA) and (PT=会議録除く)	3736

#6	(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)	229335
#7	#1 or #2 or #3	50160
#8	#4 or #5	174323
#9	#6 and #7 and #8	103

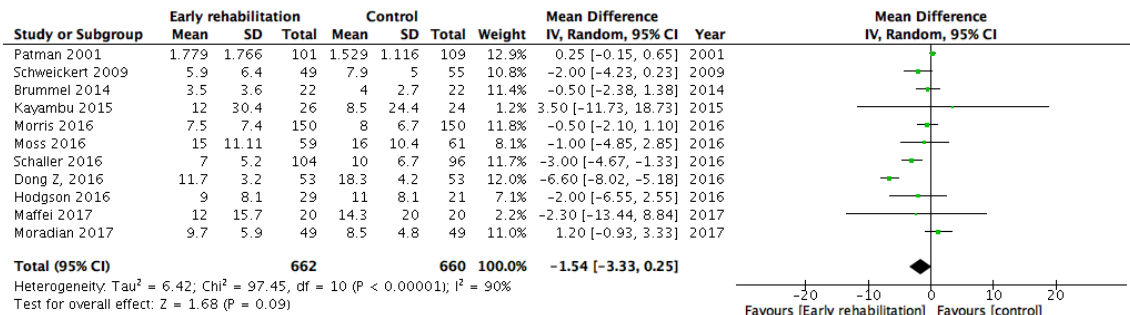


	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Brummel 2014	+	?	+	+	+	+	+
Dong Z, 2016	+	?	+	+	+	-	+
Hodgson 2016	?	?	+	+	+	+	+
Kayambu 2015	+	+	+	+	+	+	+
Maffei 2017	+	?	+	+	+	+	-
Moradian 2017	?	?	+	+	+	+	?
Morris 2016	+	?	+	+	+	+	+
Moss 2016	?	?	+	+	+	+	+
Patman 2001							
Schaller 2016	+	+	+	+	+	+	+
Schweickert 2009	+	+	+	+	+	+	+

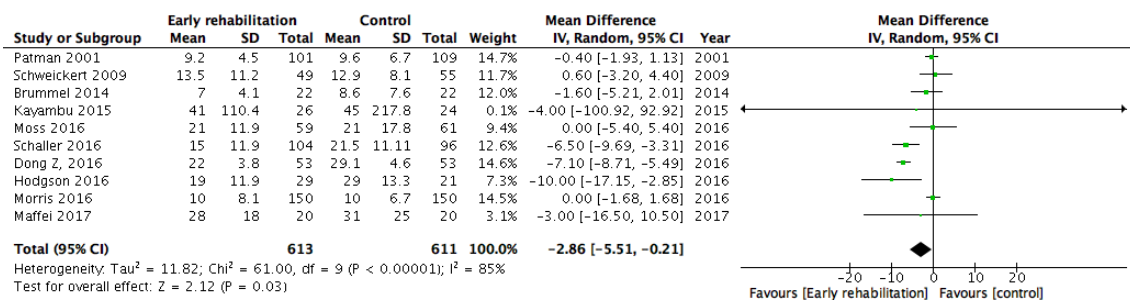
## In-hospital mortality



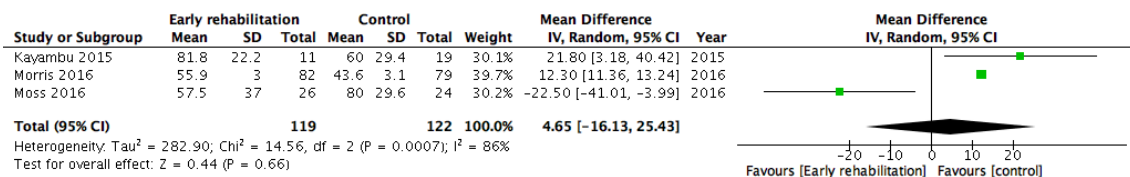
## ICU length of stay



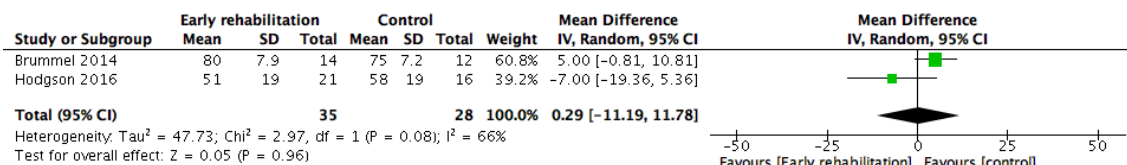
## Hospital length of stay



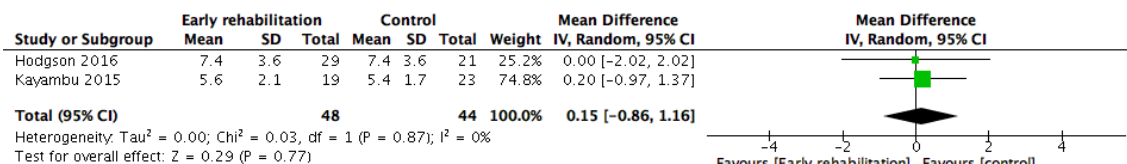
## SF-36 at 6 months



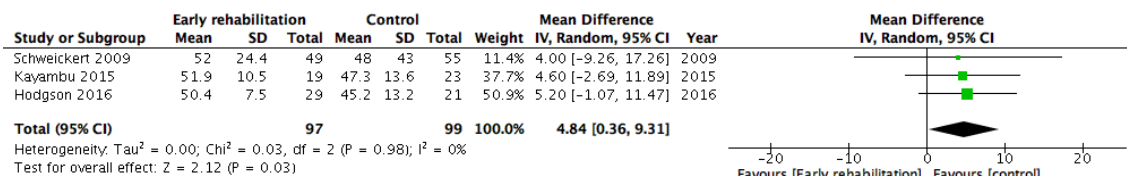
## EQ-5D-VAS



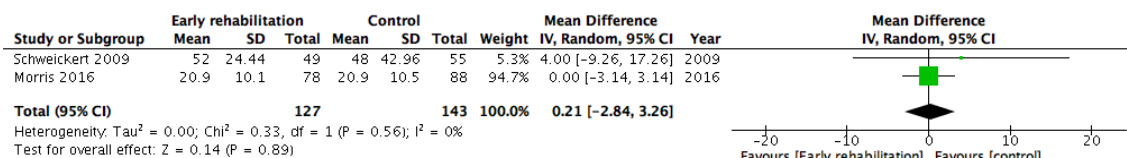
## PFIT at ICU discharge



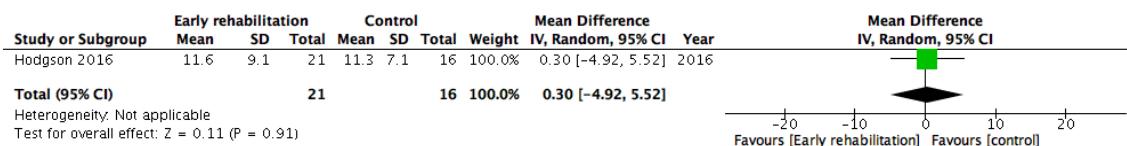
## MRC score in during hospital stay



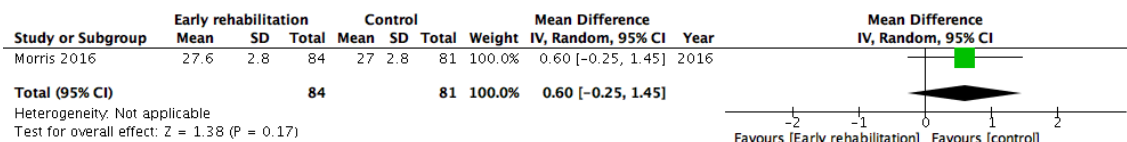
## Handgrip strength at hospital discharge



## HADS at 6 months



## MMSE at 6 months

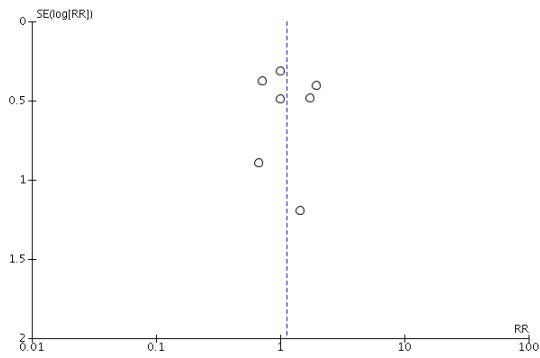


## Any adverse events

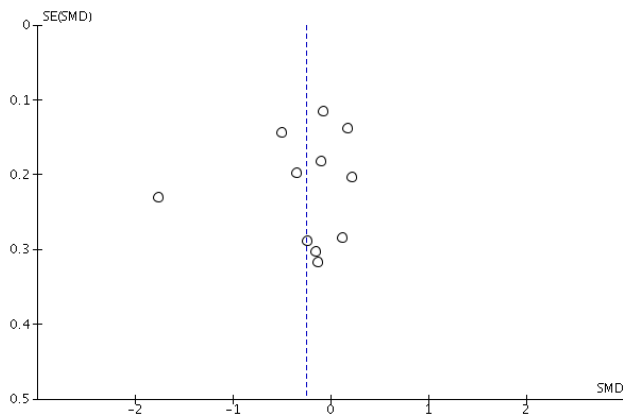


## Funnel plot

## In-hospital mortality

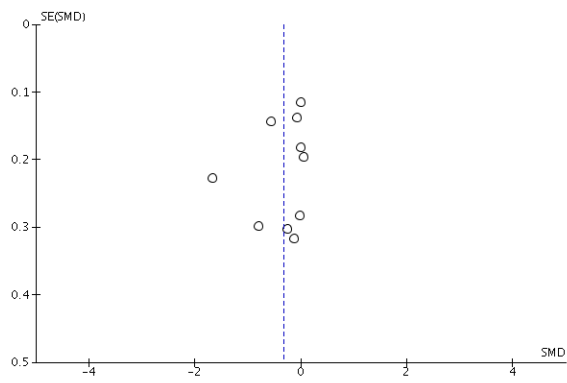


## ICU length of stay

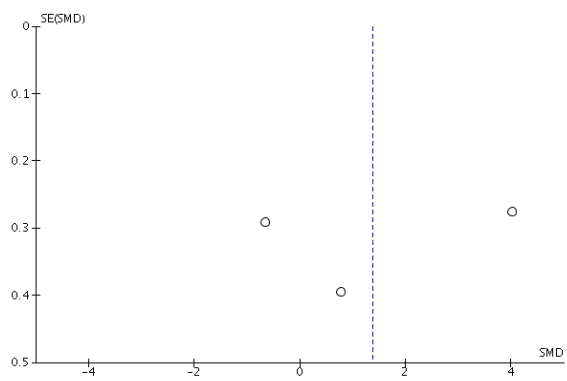


## Hospital length of stay

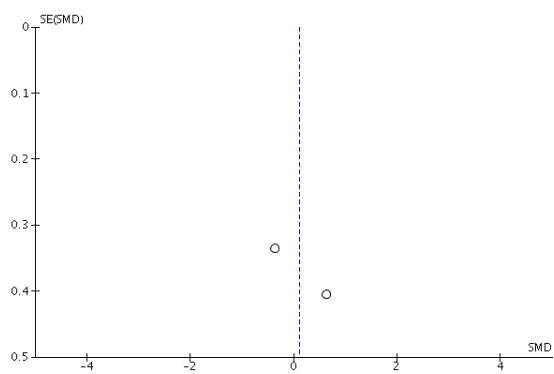




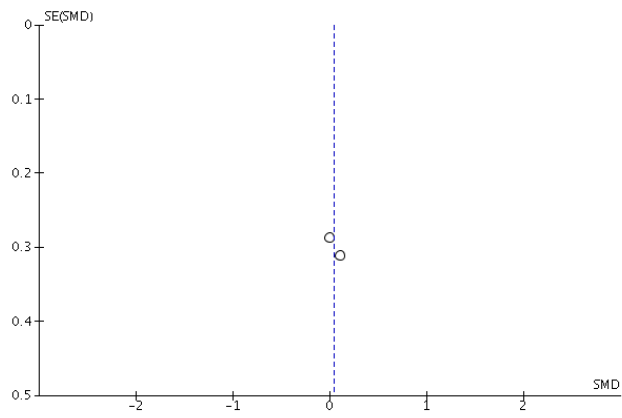
### SF-36 at 6 months



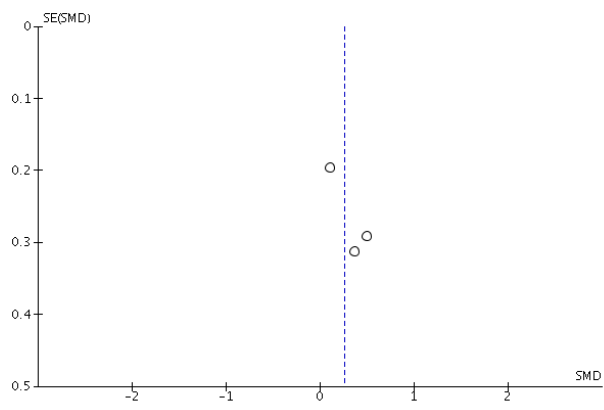
### EQ-5D-VAS



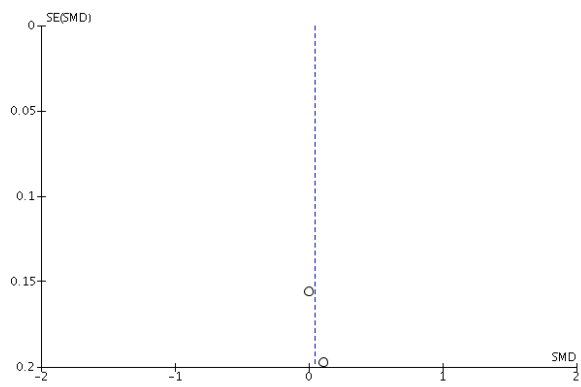
### PFIT at ICU discharge



### MRC score in during hospital stay



### Handgrip strength at hospital discharge



### Any adverse events

