

Author(s):

Date:

Question: 200 compression loop (MICR / CCR) compared to 1-3 min chest compression loop for adults in cardiac arrest in any setting

Settings:

Bibliography (systematic reviews):

Quality assessment							No of patients		Effect		Quality	Importance
No of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	200 compression loop (MICR / CCR)	1-3 min chest compression loop	Relative (95% CI)	Absolute (95% CI)		
Favorable function outcome at hospital discharge (assessed with: CPC 1-2)												
3	observational studies	serious \downarrow	not serious	serious \downarrow	not serious	none	112/1146 (9.8%)	110/2675 (4.1%)	OR 2.53 (1.92 to 3.32)	57 more per 1000 (from 35 more to 84 more)	\oplus ○○○ VERY LOW	CRITICAL
Survival to hospital discharge												
5	observational studies	serious \downarrow	not serious	serious \downarrow	not serious	none	225/1957 (11.5%)	173/2950 (5.9%)	OR 2.09 (1.7 to 2.57)	57 more per 1000 (from 37 more to 79 more)	\oplus ○○○ VERY LOW	CRITICAL
ROSC												
2	observational studies	serious \downarrow	not serious	serious \downarrow	not serious	none	208/811 (25.6%)	68/275 (24.7%)	OR 1.05 (0.77 to 1.44)	9 more per 1000 (from 45 fewer to 74 more)	\oplus ○○○ VERY LOW	IMPORTANT

MD – mean difference, RR – relative risk

1. Confounding of bundled protocol; impossible to isolate effect of loop duration