




Author(s):

Date:

Question: 3 min chest compression loop compared to 1 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	3 min chest compression loop	1 min chest compression loop	Relative (95% CI)	Absolute (95% CI)		
Survival to hospital discharge												
1	randomised trials	serious <u>1</u>	not serious	not serious <u>2</u>	not serious	none	23/104 (22.1%)	14/96 (14.6%)	<b>OR 1.66</b> (0.8 to 3.46)	75 more per 1000 (from 26 fewer to 226 more)	 MODERATE	CRITICAL
ROSC												
1	randomised trials	serious <u>1</u>	not serious	not serious <u>2</u>	not serious	none	58/104 (55.8%)	44/96 (45.8%)	<b>OR 1.49</b> (0.85 to 2.6)	99 more per 1000 (from 40 fewer to 229 more)	 MODERATE	IMPORTANT
1-year survival (follow up: 1 years)												
1	randomised trials	serious <u>1</u>	not serious	not serious <u>2</u>	not serious	none	21/104 (20.2%)	14/96 (14.6%)	<b>OR 1.48</b> (0.71 to 3.11)	56 more per 1000 (from 38 fewer to 201 more)	 MODERATE	CRITICAL

MD – mean difference, RR – relative risk

1. Unblinded
2. Includes only patients with initially shockable rhythm