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Question: Prehospital critical care compared to advanced life support for patients with out-of-hospital cardiac arrest

Setting:

Bibliography:

non-	Risk of bias	Inconsistency	Indirectness	Imprecision						Cortainty	Importance
non-	/ return of spontan				Other considerations	prehospital critical care	advanced life support	Relative (95% CI)	Absolute (95% CI)	Certainty	Importance
-		eous circulation - ad	lult								
randomised studies	serious ^a	not serious	not serious	serious ^b	none	6035/31337 (19.3%)	50789/608423 (8.3%)	OR 1.95 (1.35 to 2.82)	67 more per 1,000 (from 26 more to 121 more)	⊕⊕⊖⊖ _{Low}	CRITICAL
spital admission	/ return of spontan	leous circulation - pa	l ediatric								
non- randomised studies	serious ^a	not serious	not serious	very serious®	none	97/276 (35.1%)	240/911 (26.3%)	OR 1.48 (1.08 to 2.04)	83 more per 1,000 (from 15 more to 158 more)	⊕⊖⊖⊖ Very low	CRITICAL
spital discharge	- adult										
non- randomised studies	serious ^a	not serious	not serious	serious ^b	none	252/1823 (13.8%)	896/10348 (8.7%)	OR 1.34 (1.10 to 1.63)	26 more per 1,000 (from 8 more to 47 more)	⊕⊕⊖⊖ _{Low}	CRITICAL
days - adult											
non- randomised studies	serious ^a	not serious	not serious	serious ^b	none	2824/33623 (8.4%)	33585/671257 (5.0%)	OR 1.56 (1.38 to 1.75)	26 more per 1,000 (from 18 more to 34 more)	⊕⊕⊖⊖ _{Low}	CRITICAL
days - paediatric	:	<u> </u>		<u> </u>		ı			<u> </u>		
non- randomised studies	serious ^a	not serious	not serious	very serious [®]	none	46/276 (16.7%)	115/911 (12.6%)	OR 1.49 (0.97 to 2.88)	51 more per 1,000 (from 3 fewer to 168 more)	⊕⊖⊖⊖ Very low	CRITICAL
	non-randomised studies spital discharge and studies spital discharge and studies days - adult non-randomised studies days - paediatric	studies spital admission / return of spontar non- randomised studies spital discharge - adult non- randomised studies days - adult non- randomised studies days - paediatric non- randomised studies	spital admission / return of spontaneous circulation - pa non- randomised studies seriousa not serious seriousa not serious seriousa not serious days - adult non- randomised studies days - paediatric non- randomised studies days - paediatric non- randomised studies not serious not serious	spital admission / return of spontaneous circulation - paediatric non- randomised studies seriousa not serious not serious spital discharge - adult non- randomised studies days - adult non- randomised studies seriousa not serious not serious not serious not serious not serious not serious not serious not serious not serious not serious not serious not serious not serious	spital admission / return of spontaneous circulation - paediatric non- randomised studies serious ^a not serious not serious very serious ^a spital discharge - adult non- randomised studies days - adult non- randomised studies not serious not serious serious ^b days - adult days - paediatric non- randomised studies not serious not serious serious ^b very serious ^a not serious not serious very serious ^a not serious not serious very serious ^a	spital admission / return of spontaneous circulation - paediatric non- randomised studies spital discharge - adult non- randomised studies not serious not serious serious none non- randomised studies not serious not serious serious none none randomised studies none none randomised studies none none randomised studies none none randomised studies none none randomised studies none none randomised studies none none randomised serious not serious very serious none	spital admission / return of spontaneous circulation - paediatric non- randomised studies serious* not serious not serious very serious* none 97/276 (35.1%) sepital discharge - adult non- randomised studies not serious* not serious serious* not serious serious* none 252/1823 (13.8%) days - adult non- randomised studies non- randomised studies not serious* not serious serious* none 2824/33623 (8.4%) days - paediatric non- randomised studies not serious* not serious very serious* none 46/276 (16.7%)	spital admission / return of spontaneous circulation - paediatric non- randomised studies serious not serious not serious very serious none 97/276 (35.1%) 240/911 (26.3%) spital discharge - adult non- randomised studies not serious not serious serious not serious not serious not serious none 252/1823 (13.8%) 896/10348 (8.7%) days - adult non- randomised studies not serious not serious serious not serious none 2824/33623 (8.4%) 33585/671257 (5.0%) days - paediatric non- randomised serious serious not serious not serious not serious none 46/276 (16.7%) 115/911 (12.6%)	spital admission / return of spontaneous circulation - paediatric non- randomised studies not serious not serious not serious serious not serious none 252/1823 (13.8%) 896/10348 (8.7%) OR 1.34 (1.10 to 1.63) days - adult non- randomised studies not serious not serious not serious serious none 2824/33623 (8.4%) 33585(671257 (5.0%) (1.38 to 1.75) days - paediatric non- randomised studies not serious not serious not serious not serious none 46/276 (16.7%) 115/911 (12.6%) OR 1.49 (0.97 to 2.88)	spital admission / return of spontaneous circulation - paediatric non- randomised studies serious* not serious not serious not serious very serious* none 97/276 (35.1%) 240/911 (26.3%) (1.08 to 2.04) (1.08 to 2.04) (1.00 to 158 more) spital discharge - adult non- randomised studies not serious* not serious not serious serious* none 252/1823 (13.8%) 896/10348 (8.7%) (1.10 to 1.63) (1.00 to	spital admission / return of spontaneous circulation - paediatric non- randomised studies solicies not serious not serious very serious none 97/276 (35.1%) 240/911 (26.3%) OR 1.46 (1.08 to 2.04) If the contract of the con

Favourable neurological outcome at hospital discharge - adult

1	non- randomised studies	not seriousª	not serious	not serious	very serious®	none	29/232 (12.5%)	75/741 (10.1%)	OR 1.35 (0.71 to 2.60)	31 more per 1,000 (from 27 fewer to 125 more)	⊕⊕⊖⊖ _{Low}	CRITICAL
Favourable neurological outcome at 30 days - adult												
6	non- randomised studies	serious ^a	not serious	not serious	serious ^b	none	1496/23785 (6.3%)	17146/665953 (2.6%)	OR 1.48 (1.19 to 1.84)	12 more per 1,000 (from 5 more to 21 more)	ФФОО	CRITICAL
Favourable neurological outcome at 30 days - paediatric												
1	non- randomised studies	serious ^a	not serious	not serious	very serious	none	23/276 (8.3%)	33/911 (3.6%)	OR 1.98 (1.08 to 3.66)	33 more per 1,000 (from 3 more to 85 more)	⊕⊖⊖⊖ Very low	CRITICAL

CI: confidence interval; OR: odds ratio

Explanations

- a. ROBINS-I tool assessment.
- b. Some studies not reporting number of events or totals. Some studies imprecise effect estimates with wide confidence intervals.
- c. Neither study reported number of events or totals. Imprecise effect estimates with wide confidence intervals.
- d. Unable to calculate as number of events and totals are not reported.
- e. Single study with wide confidence interval.