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**Date:**

**Question:** Magnesium compared to no magnesium for adults who are in cardiac arrest in any setting

**Settings:** IHCA (all rhythms) and OHCA (all rhythms and refractory VF)

**Bibliography (systematic reviews):** Fatovich 1997, Allegra 2001 and Hassan 2002

Quality assessment							N <sub>e</sub> of patients		Effect		Quality	Importance
N <sub>e</sub> of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Magnesium	no magnesium	Relative (95% CI)	Absolute (95% CI)		
Restoration of spontaneous circulation												
3	randomised trials	not serious	not serious	not serious	serious $\perp$	none	30/138 (21.7%)	25/143 (17.5%)	not estimable	not estimable	⊕⊕⊕○ MODERATE	IMPORTANT
Survival to hospital discharge												
4	randomised trials	not serious	not serious	not serious	serious $\perp$	none	21/214 (9.8%)	20/223 (9.0%)	not estimable	not estimable	⊕⊕⊕○ MODERATE	CRITICAL
Survival with favorable neurological/functional outcome at discharge (assessed with: at hospital discharge)												
1	randomised trials	not serious	not serious	not serious	serious $\perp$	none	11/76 (14.5%)	6/80 (7.5%)	not estimable	not estimable	⊕⊕⊕○ MODERATE	CRITICAL

MD - mean difference, RR - relative risk

1. small study sample sizes