**Author(s):**

**Question:** CAC compared to non-CAC for patients with out of hospital cardiac arrests

**Setting:**

**Bibliography:**

| **Certainty assessment** | | | | | | | **№ of patients** | | **Effect** | | **Certainty** | **Importance** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№ of studies** | **Study design** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Other considerations** | **CAC** | **non-CAC** | **Relative (95% CI)** | **Absolute (95% CI)** |
| **Survival to 30 days with favourable neurological outcomes** | | | | | | | | | | | | |
| 2 | observational studies | seriousa,b | seriousc | not serious | seriousc | none | 771/15830 (4.9%) | 359/25597 (1.4%) | not pooled | see comment | ⨁◯◯◯ Very low | CRITICAL |
| **Survival to 30 days with favourable neurological outcomes** | | | | | | | | | | | | |
| 1 | randomised trials | not serious | not serious | seriousd | not serious | none | 115/414 (27.8%) | 121/413 (29.3%) | not estimable |  | ⨁⨁⨁◯ Moderate | CRITICAL |
| **Survival to hospital discharge with favourable neurological outcomes** | | | | | | | | | | | | |
| 9 | observational studies | seriousa,b | seriousc | not serious | seriousc | none | 3556/33399 (10.6%) | 3762/80893 (4.7%) | not pooled | see comment | ⨁◯◯◯ Very low | CRITICAL |
| **Survival to hospital discharge with favourable neurological outcomes** | | | | | | | | | | | | |
| 1 | randomised trials | not serious | not serious | seriousd | not serious | none | 130/413 (31.5%) | 130/402 (32.3%) | not estimable |  | ⨁⨁⨁◯ Moderate | CRITICAL |
| **Survival to 30 days** | | | | | | | | | | | | |
| 2 | observational studies | seriousa,b | seriousc | not serious | seriousc | none | 1778/15522 (11.5%) | 1051/24952 (4.2%) | not pooled | see comment | ⨁◯◯◯ Very low | IMPORTANT |
| **Survival to 30 days** | | | | | | | | | | | | |
| 1 | randomised trials | not serious | not serious | seriousd | not serious | none | 153/411 (37.2%) | 149/412 (36.2%) | not estimable |  | ⨁⨁⨁◯ Moderate | IMPORTANT |
| **Survival to hospital discharge** | | | | | | | | | | | | |
| 11 | observational studies | seriousa,b | seriousc | not serious | seriousc | none | 6173/37611 (16.4%) | 6358/84317 (7.5%) | not pooled | see comment | ⨁◯◯◯ Very low | IMPORTANT |
| **Return of Spontaneous Circulation** | | | | | | | | | | | | |
| 3 | observational studies | seriousa,b | seriousc | not serious | seriousc | none | 3759/21543 (17.4%) | 2468/33256 (7.4%) | not pooled | see comment | ⨁◯◯◯ Very low | IMPORTANT |

**CI:** confidence interval; **RR:** risk ratio

#### Explanations

a. Non-randomised design

b. Registry-based studies

c. Substantial heterogeneity

d. Non-STEMI patients only