Upgraded GRADE table

**Question: Are cardiac arrest patient outcomes improved as a result of a member of the resuscitation team attending an accredited advanced life support course**

**Setting:**

**Bibliography:**

| **Certainty assessment** | **№ of patients** | **Effect** | **Certainty** | **Importance** |
| --- | --- | --- | --- | --- |
| **№ of studies** | **Study design** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Other considerations** | **ACLS/ALS** | **no ACLS/ALS** | **Relative(95% CI)** |
| **ROSC** |
| 7 | observational studies | seriousa | seriousb | seriousc | seriousd | none | 480/1211 (39.6%)  | 261/882 (29.6%)  | **OR 1.66**(1.24 to 2.21) | ⨁◯◯◯Very low | CRITICAL |
| **Survival to discharge and 30 days** |
| 8 | observational studies | seriousa | seriousb | seriousc | seriousd | none | 309/995 (31.1%)  | 111/672 (16.5%)  | **OR 2.48**(1.21 to 5.09) | ⨁◯◯◯Very low | CRITICAL |
| **1 year survival** |
| 2 | observational studies | seriousa | seriousb | not serious | seriousd | none | 51/262 (19.5%)  | 31/193 (16.1%)  | **OR 3.61**(0.11 to 119.42) | ⨁◯◯◯Very low | CRITICAL |

**CI:** confidence interval; **OR:** odds ratio

a. mixture of serious and low risk of bias studies; b. some studies showed significant improvement, and some showed no improvement; c. Differences in patient type, hospital type, provider type and team composition, and nature of intervention; d. Absence of confidence intervals