**Author(s):**

**Question:** CPR+ compared to CPR- for Organ Donation

**Setting:** Cardiac arrest

**Bibliography:**

| **Certainty assessment** | **№ of patients** | **Effect** | **Certainty** | **Importance** |
| --- | --- | --- | --- | --- |
| **№ of studies** | **Study design** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Other considerations** | **CPR+** | **CPR-** | **Relative(95% CI)** | **Absolute(95% CI)** |
| **Heart - Graft function at 30 days** |
| 11 | non-randomised studies | very serious | not serious | not serious | serious | none | 6085/6346 (95.9%)  | 54497/57374 (95.0%)  | **OR 1.05**(0.87 to 1.25) | **2 more per 1,000**(from 7 fewer to 10 more) | ⨁◯◯◯Very low | CRITICAL |
| **Heart - Graft function at 1-year** |
| 9 | non-randomised studies | very serious | not serious | not serious | serious | none | 2987/3369 (88.7%)  | 47600/54024 (88.1%)  | **OR 1.09**(0.98 to 1.22) | **9 more per 1,000**(from 2 fewer to 19 more) | ⨁◯◯◯Very low | CRITICAL |
| **Heart - Graft function at the longest follow-up available** |
| 12 | non-randomised studies | very serious | not serious | not serious | serious | none | 5268/6377 (82.6%)  | 42374/57428 (73.8%)  | **OR 1.07**(0.86 to 1.33) | **13 more per 1,000**(from 30 fewer to 51 more) | ⨁◯◯◯Very low | CRITICAL |
| **Liver - Graft function at 30 days** |
| 8 | non-randomised studies | very serious | not serious | not serious | serious | none | 684/861 (79.4%)  | 2320/2809 (82.6%)  | **OR 0.79**(0.42 to 1.46) | **37 fewer per 1,000**(from 160 fewer to 48 more) | ⨁◯◯◯Very low | CRITICAL |
| **Liver - Graft function at 1 year** |
| 3 | non-randomised studies | very serious | not serious | not serious | very serious | none | 82/109 (75.2%)  | 300/348 (86.2%)  | **OR 0.52**(0.25 to 1.07) | **97 fewer per 1,000**(from 252 fewer to 8 more) | ⨁◯◯◯Very low | CRITICAL |
| **Liver - Graft function at the longest follow-up available** |
| 9 | non-randomised studies | very serious | not serious | not serious | serious | none | 676/875 (77.3%)  | 2301/2852 (80.7%)  | **OR 0.90**(0.70 to 1.16) | **17 fewer per 1,000**(from 62 fewer to 22 more) | ⨁◯◯◯Very low | CRITICAL |
| **Kidney - Graft function at 30 days** |
| 7 | non-randomised studies | very serious | serious | not serious | extremely serious | none | 775/1162 (66.7%)  | 1131/1524 (74.2%)  | **OR 0.22**(0.08 to 0.65) | **354 fewer per 1,000**(from 555 fewer to 90 fewer) | ⨁◯◯◯Very low | CRITICAL |
| **Kidney - Graft function at 1 year** |
| 6 | non-randomised studies | very serious | not serious | not serious | not serious | none | 1655/1853 (89.3%)  | 12744/13641 (93.4%)  | **OR 0.86**(0.62 to 1.18) | **10 fewer per 1,000**(from 36 fewer to 9 more) | ⨁◯◯◯Very low | CRITICAL |
| **Kidney - Graft function at the longest follow-up** |
| 10 | non-randomised studies | very serious | serious | not serious | not serious | none | 1604/2092 (76.7%)  | 12898/14313 (90.1%)  | **OR 0.98**(0.73 to 1.30) | **2 fewer per 1,000**(from 32 fewer to 21 more) | ⨁◯◯◯Very low | CRITICAL |
| **Lung - Graft function at 30 days** |
| 2 | non-randomised studies | very serious | not serious | not serious | not serious | none | 464/523 (88.7%)  | 532/627 (84.8%)  | **OR 0.74**(0.48 to 1.12) | **43 fewer per 1,000**(from 120 fewer to 14 more) | ⨁◯◯◯Very low | CRITICAL |
| **Lung - Graft function at 1 year** |
| 0 |  |  |  |  |  |  | 0/0 | 0/0 | not estimable |  | - | CRITICAL |
| **Lung - Graft function at the longest follow-up** |
| 2 | non-randomised studies | very serious | not serious | not serious | very serious | none | 85/545 (15.6%)  | 117/649 (18.0%)  | **OR 1.82**(0.37 to 9.11) | **106 more per 1,000**(from 105 fewer to 487 more) | ⨁◯◯◯Very low | CRITICAL |
| **Pancreas - Graft function at 30 days** |
| 1 | non-randomised studies | very serious | not serious | not serious | very serious | none | 168/176 (95.5%)  | 418/430 (97.2%)  | **OR 0.60**(0.24 to 1.50) | **18 fewer per 1,000**(from 79 fewer to 9 more) | ⨁◯◯◯Very low | CRITICAL |
| **Pancreas - Graft function at 1 year** |
| 1 | non-randomised studies | very serious | not serious | not serious | serious | none | 707/810 (87.3%)  | 10712/12285 (87.2%)  | **OR 1.01**(0.81 to 1.25) | **1 more per 1,000**(from 25 fewer to 23 more) | ⨁◯◯◯Very low | CRITICAL |
| **Pancreas - Graft function at the longest follow-up available** |
| 4 | non-randomised studies | very serious | not serious | not serious | serious | none | 968/1126 (86.0%)  | 11594/13433 (86.3%)  | **OR 1.04**(0.87 to 1.25) | **5 more per 1,000**(from 17 fewer to 24 more) | ⨁◯◯◯Very low | CRITICAL |
| **Intestine - Graft function at 30 days** |
| 0 |  |  |  |  |  |  | 0/0 | 0/0 | not estimable |  | - | CRITICAL |
| **Intestine - Graft function at 1 year** |
| 0 |  |  |  |  |  |  | 0/0 | 0/0 | not estimable |  | - | CRITICAL |
| **Intestine - Graft function at the longest follow-up available** |
| 1 | non-randomised studies | very serious | not serious | not serious | extremely serious | none | 10/12 (83.3%)  | 45/55 (81.8%)  | **OR 1.11**(0.21 to 5.88) | **15 more per 1,000**(from 332 fewer to 145 more) | ⨁◯◯◯Very low | CRITICAL |

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