

**SDC TABLE 3:** GRADE Profile for MTP/DCR Protocol vs. No MTP/DCR Protocol.

| PICO 1 Quality Assessment<br>MTP/DCR vs. No MTP/DCR |                      |                      |                      |                      |                     |                                    | Summary of Findings      |                    |                         |  |
|---|----------------------|----------------------|----------------------|----------------------|---------------------|------------------------------------|--------------------------|--------------------|-------------------------|--|
|   |                      |                      |                      |                      |                     |                                    | No of Patients<br>Effect |                    |                         |  |
| Participants<br>(studies)                           | Risk of<br>Bias      | Inconsistency        | Indirectness         | Imprecision          | Publication<br>Bias | Quality of<br>Evidence             | MTP/DCR                  | No<br>MTP/DCR      | Relative<br>(95% CI)    | Absolute<br>(95% CI)                               |
| Mortality (Hospital or 30 Day)                      |                      |                      |                      |                      |                     |                                    |                          |                    |                         |  |
| 1149 (6)  | Serious <sup>1</sup> | No                   | No                   | No                   | Unlikely            | ⊕⊕○○<br>Low <sup>1,2</sup>         | 239/597<br>(40.0%)       | 269/552<br>(48.7%) | 0.61<br>(0.43,<br>0.87) | 120 fewer<br>per 1000<br>(from 35 to<br>197 fewer) |
| Blood products used (RBC in 24 H)                   |                      |                      |                      |                      |                     |                                    |                          |                    |                         |  |
| 511 (4)   | Serious <sup>1</sup> | Serious <sup>3</sup> | Serious <sup>5</sup> | Serious <sup>4</sup> | -                   | ⊕○○○<br>Very<br>Low <sup>3,4</sup> | 317                      | 194                | -                       | 0.36 fewer<br>(4.54 fewer<br>to 3.83<br>more)      |

<sup>1</sup>All retrospective studies with moderate to high risk of bias  
<sup>2</sup>Upgraded for large effect  
<sup>3</sup>Moderate heterogeneity  
<sup>4</sup>Wide confidence intervals  
<sup>5</sup>RBC used as a surrogate for total blood products

DCR, damage control resuscitation; MTP, massive transfusion protocol; RBC, red blood cells