**Suppl 4.** Outcomes grading.

**Question:** Prophylactic Transcatheter Arterial Embolization compared to No embolization for High-Risk Non-Variceal Upper Gastrointestinal Bleeding

| **Certainty assessment** | **No. of patients** | **Effect** | **Certainty** | **Importance** |
| --- | --- | --- | --- | --- |
| **No. of studies** | **Study design** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Other considerations** | **Prophylactic Transcatheter Arterial Embolization** | **No embolization** | **Relative(95% CI)** | **Absolute(95% CI)** |
| **Overall rebleeding** |
| 7 | 5 non-randomized studies, 2 randomized studies | serious | not serious | not serious | not serious | none | 61/374 (16.3%) | 94/616 (15.3%) | **OR 0.69**(0.39 to 1.22) | **42 fewer per 1,000**(from 87 fewer to 28 more) | ⨁⨁⨁◯Moderate | IMPORTANT |
| **All-cause mortality** |
| 7 | 5 non-randomized studies, 2 randomized studies | serious | not serious | serious | not serious | none | 25/354 (7.1%) | 57/604 (9.4%) | **OR 0.70**(0.40 to 1.23) | **26 fewer per 1,000**(from 54 fewer to 19 more) | ⨁⨁◯◯Low | IMPORTANT |

CI: confidence interval; OR: odds ratio.

**Question:** Prophylactic Transcatheter Arterial Embolization compared to Therapeutic Arterial Embolization for High-Risk Non-Variceal Upper Gastrointestinal Bleeding

| **Certainty assessment** | **No. of patients** | **Effect** | **Certainty** | **Importance** |
| --- | --- | --- | --- | --- |
| **No. of studies** | **Study design** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Other considerations** | **Prophylactic Transcatheter Arterial Embolization** | **Therapeutic Arterial Embolization**  | **Relative(95% CI)** | **Absolute(95% CI)** |
| **Overall rebleeding** |
| 7 | 5 non-randomized studies, 2 randomized studies | serious | serious | not serious | not serious | none | 92/282 (32.6%) | 64/210 (30.5%) | **OR 1.08**(0.70 to 1.68) | **17 more per 1,000**(from 70 fewer to 119 more) | ⨁⨁◯◯Low | IMPORTANT |
| **All-cause mortality** |
| 7 | 5 non-randomized studies, 2 randomized studies | serious | serious | not serious | not serious | none | 47/262 (17.9%) | 40/177 (22.6%) | **OR 0.72**(0.34 to 1.51) | **52 fewer per 1,000**(from 136 fewer to 80 more) | ⨁⨁◯◯Low | IMPORTANT |

CI: confidence interval; OR: odds ratio.