**Supplementary Tables**

Summary of Findings Table: Treatment of grade V injury (PICO 5)

| **PICO 5: Pancreaticoduodenectomy (PD) compared to Procedure other than PD for Operative Management of Grade V Pancreatic Trauma**  |
| --- |
| **Quality assessment**  | **Summary of findings**  |
| **№ of participants(studies)Follow-up** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Publication bias** | **Overall quality of evidence** | **Study event rates (%)** | **Relative effect(95% CI)** | **Anticipated absolute effects** |
| **With Procedure other than PD** | **With PD** | **Risk with Procedure other than PD** | **Risk difference with PD** |
| **Death** |
| 41(13 studies)  | serious 1 | not serious  | serious 1 | serious 1 | none  | ⨁◯◯◯VERY LOW  | 2/5 (40.0%) | 12/36 (33.3%) | RR 0.83 (0.26-2.68)  | **Study population**  |
| 400 per 1000  | **67 fewer per 1000**(523 fewer to 390 more)  |
| **Pancreatic Fistula or Leak** |
| 24(6 studies)  | serious 1 | not serious  | serious 1 | serious 1 | none  | ⨁◯◯◯VERY LOW  | 1/2 (50%) | 10/22 (45.5%)  | RR 0.91 (0.21-3.91) | **Study population**  |
| 500 per 1000  | **45 fewer per 1000**(769 fewer to 678 more)  |
| **Sepsis** |
| 14(3 studies)  | serious 1 | not serious  | serious 1 | serious 1 | none  | ⨁◯◯◯VERY LOW  | 0/1 (0.0%)  | 8/13 (61.5%) | not estimable | **Study population**  |
| 0 per 1000  | **615 more per 1000**(351 more to 880 more) |
| **Abscess** |
| 23(5 studies)  | serious 1 | not serious  | serious 1 | serious 1 | none  | ⨁◯◯◯VERY LOW  | 0/1 (0.0%)  | 10/22 (45.5%)  | not estimable | **Study population**  |
| 0 per 1000  | **455 more per 1000**(246 more to 663 more)  |

**CI:** Confidence interval; **RR:** Risk ratio

1 Small sample sizes, with no direct comparisons between groups, varying definitions of outcomes, few reported presence or absence of outcomes, inadequate power

Summary of Findings Table: Routine splenectomy with distal pancreatectomy (PICO 7)

| **PICO 7: Splenectomy compared to Splenic Preservation for Patients undergoing distal pancreatectomy** |
| --- |
| **Quality assessment**  | **Summary of findings**  |
| **№ of participants(studies)Follow-up** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Publication bias** | **Overall quality of evidence** | **Study event rates (%)** | **Relative effect(95% CI)** | **Anticipated absolute effects** |
| **With Splenic Preservation** | **With Splenectomy** | **Risk with Splenic Preservation** | **Risk difference with Splenectomy** |
| **Death** |
| 234(13 studies)  | serious 1 | not serious | serious 1 | serious 1 | none  | ⨁◯◯◯VERY LOW  | 6/78 (7.7%) | 14/156 (9.2%) | RR 1.20 (0.48-2.99)  | **Study population**  |
| 77 per 1000  | **15 more per 1000**(60 fewer to 90 more)  |
| **Sepsis** |
| 165(8 studies)  | serious 1 | not serious  | serious 1 | serious 1 | none  | ⨁◯◯◯VERY LOW  | 11/51 (21.6%) | 24/114 (21.1%)  | RR 0.98 (0.52-1.84) | **Study population**  |
| 216 per 1000  | **5 fewer per 1000**(141 fewer to 130 more)  |

**CI:** Confidence interval; **RR:** Risk ratio

1 Small sample sizes, with no direct comparisons between groups, varying definitions of outcomes, few reported presence or absence of outcomes, inadequate power