

Appendix 1. Search strategy.

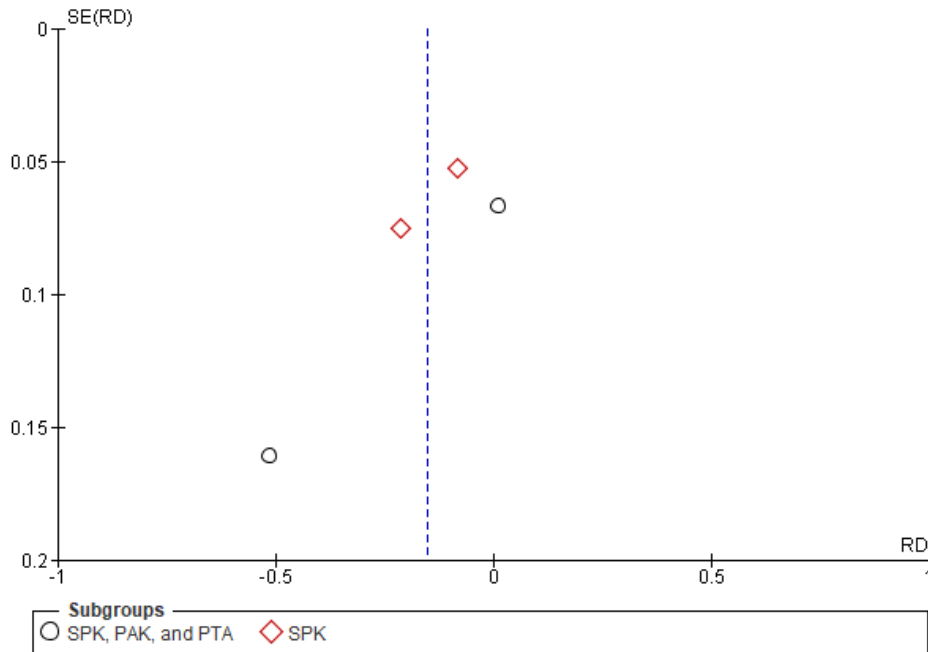
Related words for kidney transplantation	("Kidney Transplant*" OR "renal transplant*" OR "Kidney graft*" OR "Renal graft" OR "kidney allograft*" OR "Renal allograft*")
	AND
Related words for pancreas transplant	("pancreas*" OR "Pancreas Transplant*" OR "islet transplant*" OR "SKPT" OR "SPKT" OR "Pancreas allograft*" OR "Pancreas graft*" OR "Simultaneous Kidney Pancreas*" OR "Simultaneous Pancreas Kidney*")
	AND
Related words for Heparin	("Heparin*" OR "Low Molecular Weight Heparin" OR "anticoagulant*" OR coagulation* OR Thrombo* or anticoag* or anti-coag*)

Appendix 2. Methodological Quality of Included Studies by MINORS Criteria.

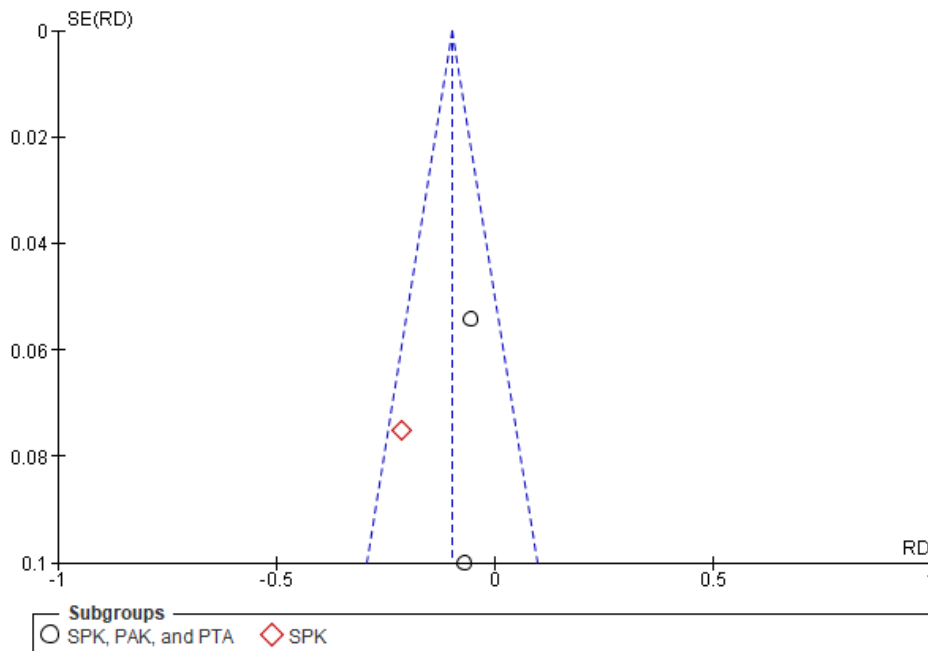
Study, Year	Type of Study	Score (%)	Methodological terms for non-randomised studies								Additional criteria in the case of comparative studies			
			1. A clearly stated aim	2. Included consecutive patients	3. Prospective collection of data	4. Endpoints appropriate to study aim	5. Unbiased assessment of study endpoint	6. Follow-up period appropriate to study aim	7. Loss to follow up less than 5%	8. Prospective calculation of study size	9. An adequate control group	10. Contemporary groups	11. Baseline equivalence of groups	12. Adequate statistical analyses
Aboalsamh, 2016	Retrospective	75.00	2	2	0	2	2	2	2	0	2	1	1	2
Arjona-Sanchez, 2017	Retrospective	75.00	2	1	0	2	2	2	2	0	2	1	2	2
Fertmann, 2006	Retrospective	75.00	2	2	0	2	2	2	2	0				
Fertmann, 2011	Retrospective	75.00	2	2	0	2	2	2	2	0				
Humar, 2001	Retrospective	75.00	2	2	0	2	2	2	2	0				
Kim, 2012	Retrospective	75.00	2	2	0	2	2	2	2	0				
Raveh, 2019	Retrospective	79.17	2	2	0	2	2	2	2	0	2	2	1	2
Scheffert, 2014	Retrospective	79.17	2	2	0	2	2	2	2	0	2	1	2	2
Schenker, 2009	Retrospective	75.00	2	2	0	2	2	2	2	0				
Shin, 2014	Retrospective	75.00	2	2	0	2	2	2	2	0				
Stratta, 2014	Retrospective	75.00	2	2	0	2	2	2	2	0				

Appendix 3. Funnel plots of the studies included for meta-analysis. Each funnel plot encompasses the studies for each outcome. A) Incidence of early pancreas thrombosis, B) incidence of pancreas loss due to thrombosis, C) Incidence of postoperative bleeding, D) Incidence of acute return to the OR, E) Mean units of pRBCs transfused.

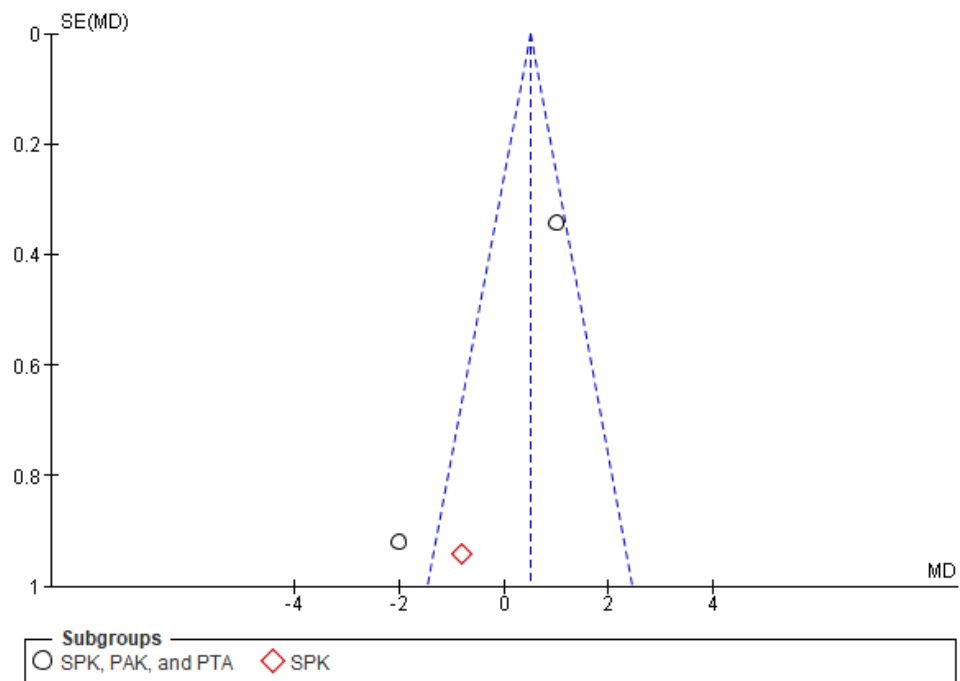
A)



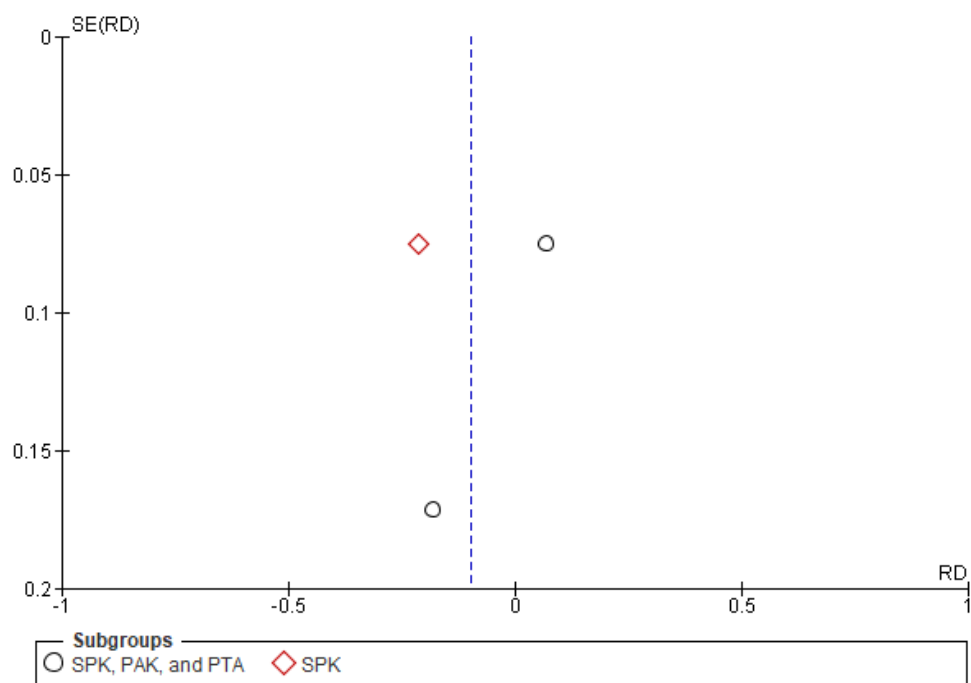
B)



C)



D)



E)

