

SUPPLEMENTARY MATERIALS

Appendix 1. Search strategy of systematic review about prophylactic total pancreatectomy

Database	Syntax	Hits
Pubmed	"Prophylactic Surgical Procedures "[Mesh] OR prophylactic AND total pancreatectomy	38
Embase (Ovid)	<ol style="list-style-type: none"> 1. total pancreatectomy/ 2. exp pancreas resection/ 3. prophylactic.mp. or exp prophylactic surgical procedure/ 4. 1 or 2 5. 3 and 4 	151
Cochrane library	<ol style="list-style-type: none"> #1 MeSH descriptor: [Phrophylactic Surgical procedures] explode all trees #2 total pancreatectomy #3 prohylactic #4 pancreatectomy #5 #1 or #3 #6 #2 or #4 #7 #5 and #6 	26
Total number of identified articles		213

Appendix 2. Search strategy of systematic review about individuals at high-risk for pancreatic cancer

Database	Syntax	Hits
Pubmed	"pancreatic neoplasms"[MeSH Terms] OR ("pancreatic neoplasms"[MeSH Terms] OR ("pancreatic"[All Fields] AND "neoplasms"[All Fields]) OR "pancreatic neoplasms"[All Fields] OR ("pancreatic"[All Fields] AND "cancer"[All Fields]) OR "pancreatic cancer"[All Fields]) AND (high-risk[All Fields] AND ("pancreatic neoplasms"[MeSH Terms] OR ("pancreatic"[All Fields] AND "neoplasms"[All Fields]) OR "pancreatic neoplasms"[All Fields] OR ("pancreatic"[All Fields] AND "cancer"[All Fields]) OR "pancreatic cancer"[All Fields])) AND (("genes"[MeSH Terms] OR "genes"[All Fields] OR "gene"[All Fields]) AND ("mutation"[MeSH Terms] OR "mutation"[All Fields]))	113
Embase (Ovid)	<ol style="list-style-type: none"> 1. total pancreatectomy/ 2. exp pancreas resection/ 3. prophylactic.mp. or exp prophylactic surgical procedure/ 4. 1 or 2 5. 3 and 4 	151
Cochrane library	<p>#1 MeSH descriptor: [Phrophylactic Surgical procedures] explode all trees</p> <p>#2 total pancreatectomy</p> <p>#3 prohylactic</p> <p>#4 pancreatectomy</p> <p>#5 #1 or #3</p> <p>#6 #2 or #4</p> <p>#7 #5 and #6</p>	0
Total number of identified articles		189

Appendix 3. Search strategy of systematic review about outcomes after total pancreatectomy

Database	Syntax	Hits
Pubmed	"total pancreatectomy"[tiab]	1610
Embase (Ovid)	1. total pancreatectomy.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword] 2. limit 1 to exclude medline journals	66
Cochrane library	#1 total pancreatectomy	85
Total number of identified articles		1761

Appendix 4. Search strategy of systematic review about minimally invasive total pancreatectomy

Database	Syntax	Hits
Pubmed	"minimally invasive surgical procedures"[MeSH Terms] OR minimally invasive surgery[Text Word] OR laparoscopic AND total pancreatectomy [TIAB]	104
Embase (Ovid)	<ol style="list-style-type: none"> 1. exp minimally invasive surgery/ 2. minimally invasive surgical procedures.mp. or exp minimally invasive surgery/ 3. exp laparoscopic surgery/ 4. exp pancreas resection/ 5. 1 or 2 or 3 6. total pancreatectomy.mp. 7. 4 or 6 8. 5 and 7 9. limit 8 to exclude medline journals 	75
Cochrane library	<ol style="list-style-type: none"> #1 MeSH descriptor: [minimally invasive surgical procedures] #2 minimally invasive surgery #3 laparoscopic surgery #4 total pancreatectomy #5 pancreatectomy #5 #1 or #2 or #3 #6 #4 or #5 #7 #6 and #6 	85
Total number of identified articles		10