

**Table S1** The perioperative outcomes in the included studies

Study	Major morbidity		Fistula B/C		Interventional drainage		Reoperation		Hospital stay, d		Readmission		90-day Mortality	
	No drainage	drainage	No drainage	drainage	No drainage	drainage	No drainage	drainage	No drainage	drainage	No drainage	drainage	No drainage	drainage
Paulus (32)	13	15	0	6	7	5	8	11	6.5 (5–8)	9 (7–17)	–	–	–	–
Correa-Gallego (33)	44	53	35	36	34	35	1	0	5 (5–7)	7 (6–9)	41	40	–	–
Behrman (34)	27	36	5	12	10	16	3	10	–	–	–	–	–	–
Van Buren (12)	44	51	20	31	17	18	6	9	5 (4–6)	5 (4–7)	37	41	2	0
Mangieri (35)	12	60	12	191	14	92	5	27	5 (4–6)	5 (4–7)	18	175	–	–
van Bodegraven (15)	6	14	3	12	4	9	1	2	3 (2–5)	7 (5–9)	3	11	0	1
Nickel (14)	9	18	5	10	5	8	1	6	9.3±7	13.5±9.9	0	2	–	–
van Bodegraven (13)	21	29	16	39	14	24	6	4	6 (4–7)	6 (5–8)	21	25	3	0
Magnin (36)	–	–	85	44	56	34	6	4	–	–	111	40	5	1
Mazzola (16)	3	7	1	8	1	–	0	2	5 (4–6)	9 (6–14)	3	4	1	0

Data are presented as n, n/N, mean ± standard deviation, or median (interquartile range), unless otherwise specified. POPF B/C, postoperative pancreatic fistula with grades B and C.

**Table S2** The quality assessment of included studies

Modified Jadad Scale for randomized trials	Study	Random sequence production	Allocation concealment	Blind method	Withdrawal
	Van Buren (12)	2	2	0	1
	van Bodegraven (13)	2	2	0	1
Newcastle-Ottawa Scale for non-randomized trials	Study	Selection	Comparability	Outcome	Score
	Paulus (32)	***	*	***	*****
	Correa-Gallego (33)	***	*	***	*****
	Behrman (34)	***	**	***	*****
	Mangieri (35)	***	**	***	*****
	van Bodegraven (15)	***	**	***	*****
	Nickel (14)	***	**	***	*****
	Magnin (36)	****	*	***	*****
Mazzola (16)	***	**	***	*****	

\*, A star indicates a score assigned to the item.