

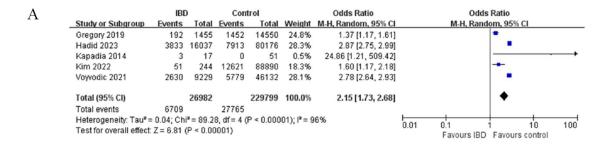
Supplementary Material

10.1302/2046-3758.126.BJR-2022-0394.R1

Table i. Comparison of postoperative complications in patients with inflammatory bowel disease and control subjects.

Metrics	Number of studies	OR (95% CI)	p-value
Overall complications	6	2.11(1.67 to 2.66)	< 0.001
Medical complications	5	2.15 (1.73 to 2.68)	< 0.001
Surgical complications	5	1.43 (1.21 to 1.70)	< 0.001
Pneumonia	4	2.08 (1.47 to 2.96)	< 0.001
Joint infection	6	1.47 (1.25 to 1.73)	< 0.001
Urinary tract infection	4	2.09 (1.69 to 2.58)	< 0.001

All odds ratios (ORs) are presented with 95% confidence intervals (CIs) using the Cochran-Mantel-Haenszel test.



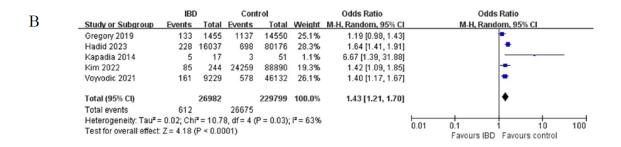
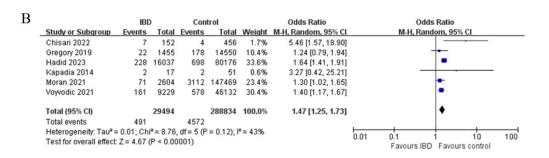


Fig a. Forest plots of a) medical complications and b) surgical complications. CI, confidence interval; IBD, inflammatory bowel disease; M-H, Mantel-Haenszel.

	IBD		Control		Odds Ratio		Odds Ratio			
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI		M-H, Rand	om, 95% CI	
Gregory 2019	17	1455	124	14550	19.7%	1.38 [0.83, 2.29]			-	
Hadid 2023	430	16037	665	80176	32.2%	3.29 [2.91, 3.72]				
Kim 2022	10	244	3378	88890	16.1%	1.08 [0.57, 2.04]		_	-	
Voyvodic 2021	328	9229	711	46132	32.0%	2.35 [2.06, 2.69]			•	
Total (95% CI)		26965		229748	100.0%	2.08 [1.47, 2.96]			•	
Total events	785		4878							
Heterogeneity: $Tau^2 = 0.10$; $Chi^2 = 29.01$, $df = 3$ (P < 0.00001); $I^2 = 90\%$					0%	-		1 10	400	
Test for overall effect: Z = 4.09 (P < 0.0001)						0.01	0.1 Favours IBD	1 10 Favours control	100	



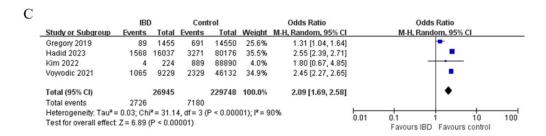


Fig b. Forest plots of a) pneumonia, b) joint infection, and c) urinary tract infection. CI, confidence interval; IBD, inflammatory bowel disease; M-H, Mantel-Haenszel.