

Supplementary Table 1 Stratification of previous surgical procedures into high and low adhesion risk groups

Characteristics	Overall cohort (unadjust)		P value
	High N=74	Low N=105	
Previous surgical procedures			<0.001
Abdominal lesion resection	0 (0.00%)	8 (7.62%)	
Cholecystectomy alone	0 (0.00%)	43 (41.0%)	
Cholecystectomy and biliary tract exploration	20 (27.0%)	0 (0.00%)	
Colectomy	2 (2.70%)	0 (0.00%)	
Distal pancreatectomy	7 (9.46%)	0 (0.00%)	
Gastric lesion resection	21 (28.4%)	0 (0.00%)	
Liver lesion resection	0 (0.00%)	17 (16.2%)	
Repair of gastroduodenal perforation	24 (32.4%)	0 (0.00%)	
Small intestine lesion resection		23 (21.9%)	
Splenectomy alone		14 (13.3%)	

Supplementary Table 2 Univariate logistic regression analysis of factors associated with surgical difficulty in laparoscopic group

Characteristics	OR	95%CI	P value
Risk Group			
Low risk	Reference	Reference	Reference
High risk	0.6	0.24-1.46	0.261
BMI	0.97	0.79-1.19	0.774
Surgical Procedure			
Distal gastrectomy	Reference	Reference	Reference
Proximal gastrectomy	0.9	0.29-2.8	0.852
Total gastrectomy	0.55	0.18-1.64	0.29
cTNM stage			
I	Reference	Reference	Reference
II	0.63	0.21-1.84	0.398
III	0.88	0.28-2.76	0.828