

**Supplementary Table 1.** Comparison based on presence or absence of complications

Variable	Overall complication		P-value
	No	Yes	
No. of patients	2,016 (97.3)	56 (2.7)	
Sex			0.039
Female	1,074 (98.0)	22 (2.0)	
Male	942 (96.5)	34 (3.5)	
Age (yr)	53.2 ± 15.2	63.5 ± 15.4	0.001
Body mass index (kg/m <sup>2</sup> )	24.8 ± 3.8	25.0 ± 3.0	0.820
Prior history of jaundice or choledocholithiasis			0.062
No	1,964 (97.4)	52 (2.6)	
Yes	52 (92.9)	4 (7.1)	
Hypertension			0.001
No	1,455 (98.0)	29 (2.0)	
Yes	561 (95.4)	27 (4.6)	
Diabetes			0.493
No	1,755 (97.4)	47 (2.6)	
Yes	261 (96.7)	9 (3.3)	
Comorbidity			0.001
No	1,799 (97.7)	42 (2.3)	
Yes	217 (93.9)	14 (6.1)	
Abdominal operation history			0.553
No	1,514 (97.2)	44 (2.8)	
Yes	502 (97.7)	12 (2.3)	
Leukocyte (×10 <sup>3</sup> /mm <sup>3</sup> )	8.22 ± 3.79	9.91 ± 5.68	0.030
Segmented neutrophil (%)	65.0 ± 14.66	71.55 ± 16.0	0.001
CRP (mg/dL)	2.94 ± 5.93	7.60 ± 9.72	0.001
AST (IU/L)	72.17 ± 210.99	62.96 ± 109.38	0.752
ALT (IU/L)	73.96 ± 174.54	58.93 ± 73.37	0.532
ALP (IU/L)	124.37 ± 127.74	136.33 ± 136.25	0.566
γ-GT (IU/L)	257.28 ± 348.40	186.35 ± 223.45	0.077
Total bilirubin (mg/dL)	1.27 ± 1.68	2.38 ± 4.53	0.146
Radiologic modality			0.267
CT only	721 (97.8)	16 (2.2)	
MRCP	1,295 (97.0)	40 (3.0)	
CBD stone			0.002
No	1,712 (97.8)	39 (2.2)	
Yes	304 (94.7)	17 (5.3)	
Preoperative biliary procedure			0.001
No	1,554 (98.5)	23 (1.5)	
Yes	462 (93.3)	33 (6.7)	
Operation method			0.001
Open	89 (82.4)	19 (17.6)	
Laparoscopic	1,907 (98.1)	37 (1.9)	
SIRC	20 (100)	0 (0)	
Calot triangle in operative field			0.001
Well-defined	1,421 (98.5)	22 (1.5)	
Vague	518 (95.2)	26 (4.8)	

Values are presented as number (%) or mean ± standard deviation.

MRCP, magnetic resonance cholangiopancreatography; CBD, common bile duct; SIRC, single-incision robotic cholecystectomy.