

**Table 1: Patient-related data of the studied groups**

		<b>Group I (n=43)</b>	<b>Group II (n=57)</b>	<b>P value</b>
<b>Age (years)</b>		66.95 ± 11.69	64.05 ± 12.18	0.233
<b>Sex</b>	<b>Male</b>	24 (55.81%)	35 (61.4%)	0.574
	<b>Female</b>	19 (44.19%)	22 (38.6%)	
<b>End-stage renal failure requiring dialysis</b>		2 (4.65%)	1 (1.75%)	0.575
<b>Interdiverticular papilla</b>		8 (18.6%)	2 (3.51%)	<b>0.017*</b>
<b>Appearance of the major duodenal papilla</b>	<b>Type 1</b>	20 (46.51%)	29 (50.88%)	0.933
	<b>Type 2</b>	18 (41.86%)	21 (36.84%)	
	<b>Type 3</b>	2 (4.65%)	2 (3.51%)	
	<b>Type 4</b>	3 (6.98%)	5 (8.77%)	
<b>History of cholecystectomy</b>		4 (9.3%)	7 (12.28%)	0.753
<b>Gastrectomy history</b>		2 (4.65%)	1 (1.75%)	0.575
<b>Smoking history</b>		9 (20.93%)	8 (14.04%)	0.363
<b>Hypertension</b>		14 (32.56%)	16 (28.07%)	0.628
<b>Diabetes</b>		8 (18.6%)	7 (12.28%)	0.381
<b>Coronary heart disease</b>		2 (4.65%)	1 (1.75%)	0.575
<b>Hilar bile duct stricture</b>		1 (2.33%)	0 (0%)	0.430
<b>Distal biliary stricture</b>		13 (30.23%)	7 (12.28%)	<b>0.026*</b>

Presentation of data as mean ± SD or frequency (%).

**Table 2: Procedure-related data of the studied groups:**

	<b>Group I (n=43)</b>	<b>Group II (n=57)</b>	<b>P value</b>
<b>Contrast-assisted cannulation</b>	20 (46.51%)	48 (84.21%)	<b>&lt;0.001*</b>
<b>PGW-assisted cannulation</b>	11 (25.58%)	3 (5.26%)	<b>0.007*</b>
<b>Wire-guided cannulation</b>	6 (13.95%)	5 (8.77%)	0.412
<b>Precut sphincterotomy</b>	5 (11.63%)	1 (1.75%)	<b>0.040*</b>
<b>Attempted stone removal</b>	40 (93.02%)	43 (75.44%)	<b>0.029*</b>
<b>Balloon</b>	33 (76.74%)	45 (78.95%)	0.792
<b>Basket</b>	18 (41.86%)	25 (43.86%)	0.842
<b>Biliary stent placement</b>	36 (83.72%)	47 (82.46%)	0.868
<b>Prophylactic pancreatic stent placement</b>	10 (23.26%)	2 (3.51%)	<b>0.003*</b>
<b>Complete stone removal</b>	34 (79.07%)	54 (94.74%)	<b>0.027*</b>

Presentation of data as mean  $\pm$  SD or frequency (%).

**Table 3: Laboratory findings of the studied groups**

	<b>Group I (n=43)</b>	<b>Group II (n=57)</b>	<b>P value</b>
<b>ALT (U/L)</b>	236.4 $\pm$ 51.78	332.05 $\pm$ 68.36	<b>&lt;0.001*</b>
<b>AST (U/L)</b>	169.88 $\pm$ 38.9	241.49 $\pm$ 30.13	<b>&lt;0.001*</b>
<b>GGT (U/L)</b>	513.7 $\pm$ 57	502.12 $\pm$ 42.88	0.249
<b>ALP (U/L)</b>	457.6 $\pm$ 22.85	449.02 $\pm$ 24.65	0.078
<b>Direct bilirubin (mg/dL)</b>	3.46 $\pm$ 0.44	4.43 $\pm$ 0.53	<b>&lt;0.001*</b>
<b>Creatinine (mg/dL)</b>	1.72 $\pm$ 0.36	1.51 $\pm$ 0.41	<b>0.008*</b>
<b>Uric acid (mg/dL)</b>	6.73 $\pm$ 1.7	5.9 $\pm$ 1.35	<b>0.008*</b>
<b>C-reactive protein (mg/L)</b>	6.14 $\pm$ 1.97	3.77 $\pm$ 1.38	<b>&lt;0.001*</b>
<b>INR</b>	1.18 $\pm$ 0.15	1.23 $\pm$ 0.14	0.100
<b>Total cholesterol (mg/dL)</b>	150.23 $\pm$ 17.15	162.11 $\pm$ 13.95	<b>&lt;0.001*</b>
<b>Triglycerides (mg/dL)</b>	431.63 $\pm$ 56.87	344.82 $\pm$ 39.11	<b>&lt;0.001*</b>

Glucose (mg/dL)	101.14 ± 9.77	92.86 ± 8.96	<0.001*
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**Table 4: Multivariate regression of risk factor for prediction of DBC during ERCP in patients with CBDS.**

	Odds ratio	95% CI	P
<b>Distal biliary stricture</b>	4.33	1.374-13.689	<b>0.012*</b>
<b>Interdiverticular papilla</b>	6.27	1.231-31.947	<b>0.027*</b>
<b>Attempted stone removal</b>	6.13	1.352-27.856	<b>0.018*</b>
<b>Contrast-assisted cannulation</b>	0.117	0.041-0.332	<b>&lt;0.001*</b>
<b>PGW-assisted cannulation</b>	4.557	0.99-20.873	0.051
<b>Precut sphincterotomy</b>	11.121	1.161-106.49	<b>0.036*</b>
<b>Prophylactic pancreatic stent placement</b>	10.645	1.989-56.962	<b>0.005*</b>
<b>Alanine aminotransferase (U/L)</b>	0.974	0.945 – 1.004	0.091
<b>Aspartate aminotransferase (U/L)</b>	0.903	0.843 – 0.966	<b>0.003*</b>
<b>Direct bilirubin (mg/dL)</b>	288.94	5.036 – 16577.9	<b>0.006*</b>
<b>Creatinine (mg/dL)</b>	4.36	0.971-19.57	0.054
<b>Uric acid (mg/dL)</b>	1.557	1.039-2.333	<b>0.031*</b>
<b>C-reactive protein (mg/L)</b>	2.268	1.558-3.300	<b>&lt;0.001*</b>
<b>Total cholesterol level (mg/dL)</b>	0.965	0.930-1.001	0.061
<b>Triglycerides (mg/dL)</b>	1.034	1.020-1.048	<b>&lt;0.001*</b>
<b>Glucose (mg/dL)</b>	1.120	1.047-1.197	<b>&lt;0.001*</b>

\* P value ≤ 0.05 is considered significant, Confidence interval: I

**Table 5: Rate of post-ERCP pancreatitis (PEP).**

	Group I (n=43)	Group II (n=57)	P value
<b>PEP (%)</b>	13 (30.23%)	7 (12.28%)	<b>0.026*</b>

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