

Table 1. Summary of the 127 Patients Characteristics of the Study Population

Female, number of patients	43 (33.9 %)		
Median age (years)	63 (23-88)		
Median hospital stay, (days)	10.5 (4-85)		
Severity of cholecystitis			
Mild	42 (33.1%)		
Moderate	69 (54.3%)		
Severe	16 (12.6%)		
Operative timing			
Early surgery	52 (40.9%)		
Delayed surgery	75 (59.1%)		
CDLS (+) and/or conversion (+)	21 (12/9) (16.5%)		
Complications	9 (7.1%)		
	SSI 3	Wound dehiscence 1	Prolonged fever 2
	Bile leakage 1	Urinary tract infection 1	Duodenal ulcer perforation 1

CDLS, Case of difficult laparoscopic surgery, SSI, surgical site infection

Table 2. Comparison between the early and delayed surgery group

	Early surgery (n=52)	Delayed surgery (n=75)	P value
Female, number of patients	17 (32.7%)	26 (34.7%)	NS
Median age, (years)	62.5 (30-88)	66 (23-86)	NS
Severity of cholecystitis			
Mild	19 (36.5%)	23 (30.7%)	
Moderate	27 (52.0%)	42 (56.0%)	NS
Severe	6 (11.5%)	10 (13.3%)	
Median operation time, (minutes)	106.5 (60-293)	123 (49-292)	NS
Median bleeding, (ml)	7 (3-676)	7 (3-850)	NS
CDLS (+) and/or conversion (+)	10 (7/3) (19.2%)	11 (5/6) (14.7%)	NS
Complications	4 (7.7%)	5 (6.7%)	NS
	Duodenal ulcer perforation 1	SSI 2	
	Bile leakage 1	Wound dehiscence 1	
	SSI 1	Prolonged fever 2	
	Urinary tract infection 1		
Median hospital stay, (days)	7 (4-23)	19 (5-85)	<0.001

CDLS, Case of difficult laparoscopic surgery

Table 3. Comparison between the early and sub-delayed surgery group

	Early surgery (n=52)	Sub-delayed surgery (n=10)	P value
Female, number of patients	17 (32.7%)	4 (40.0%)	NS
Median age, (years)	62.5 (30-88)	60 (32-74)	NS
Severity of cholecystitis			
Mild	19 (36.5%)	4 (40.0%)	
Moderate	27 (52.0%)	5 (50.0%)	NS
Severe	6 (11.5%)	1 (10.0%)	
Median operation time, (minutes)	106.5 (60-293)	115.5 (64-180)	NS
Median bleeding, (ml)	7 (3-676)	13.5 (3-820)	NS
CDLS (+) and/or conversion (+)	10 (7/3) (19.2%)	1 (1/0) (10.0%)	NS
Complications	4 (7.7%)	1 (10%)	NS
	Duodenal ulcer perforation 1 Bile leakage 1 SSI 1 Urinary tract infection 1	Prolonged fever 1	
Median hospital stay, (days)	7 (4-23)	11 (5-23)	0.005

CDLS, Case of difficult laparoscopic surgery

Table 4. Histopathologic classification

	Edematous cholecystitis (E) (n=11)	Necrotizing cholecystitis (N), (n=38)	Suppurative /subacute cholecystitis (S) (n=13)				
Edematous layer	11 (100%)	38 (100%)	13 (100%)				
Median time points from the onset, (days)	2 (1-4)	3 (1-7)	6.5 (5-9)	P	E	N	S
				E		0.035	0.036
				N			0.178
Median operation time, (minutes)	82 (60-225)	126.5 (76-293)	115.5 (64-180)	P	E	N	S
				E		0.013	0.333
				N			0.098
Median bleeding, (ml)	5 (3-120)	7 (3-820)	13.5 (5-820)	P	E	N	S
				E		0.059	0.076
				N			0.887
CDLS and/or conversion	1 (0/1) (9.1%)	9 (7/2) (23.7 %)	1 (0/1) (10%)	P	E	N	S
				E		0.276	0.717
				N			0.203
Complications	none	2 (5.3%)	1 (10%)	P	E	N	S
				E		0.598	0.542
				N			0.595
Median hospital stay, (days)	7 (4-11)	7 (4-15)	11 (5-23)	P	E	N	S
				E		0.980	0.151
				N			0.070

E edematous cholecystitis; N necrotizing cholecystitis; S suppurative /subacute cholecystitis; CDLS, Case of difficult laparoscopic surgery

Table 5. Comparison between the ultra-early and later group

	Day1 (n=4)	Day2-10 (n=58)	p	Day1-2 (n=19)	Day3-10 (n=43)	p
Median operation time, (minutes)	70 (70-174)	111.5 (60-293)	0.606	102 (60-256)	117 (64-293)	0.153
Median bleeding, (ml)	4 (3-200)	7 (3-820)	0.218	5 (3-676)	7 (3-820)	0.263
CDLS (+) and/or conversion (+)	none	11 (7/4 19.0%)	0.448	2 (1/1 10.5%)	9 (6/3 20.9%)	0.272
Complications	1 (25%)	4 (6.45%)	0.292	2 (10.5 %)	3 (7.0%)	0.481
Median hospital stay, (days)	7.5 (5-8)	7 (4-23)	0.470	7 (4-23)	7 (4-23)	0.906
	Day1-3 (n=46)	Day4-10 (n=16)	P			
Median operation time, (minutes)	105.5 (60-293)	121 (64-215)	0.606			
Median bleeding, (ml)	7 (3-676)	7 (5-820)	0.218			
CDLS (+) and/or conversion (+)	8 (6/2) (17.4%)	3 (1/2) (18.8%)	0.585			
Complications	3 (6.5%)	2 (12.5%)	0.449			
Median hospital stay, (days)	7 (4-23)	9 (4-23)	0.470			

CDLS, Case of difficult laparoscopic surgery