

Supplementary Online Content

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eTable. Descriptive Analysis of Patient Variables in the Entire Cohort With and Without Video

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Descriptive Analysis of Patient Variables in the Entire Cohort With and Without Video

	Entire Cohort [N=410] (%)	NoVideo Cohort [N=218] (%)	Video Cohort [N=192] (%)	P Value
A. Demographic and Pre-operative Clinical Variables				
Age (years)	66.4±11.6	67.1±12.0	65.7±11.1	.21
Sex				.13
Male	223(54.4)	111(50.9)	112(58.3)	
Female	187(45.6)	107(49.1)	80(41.7)	
CCI age unadjusted	2.44±1.4	2.33±1.5	2.56±1.3	.09
CCI age adjusted	4.58±2.1	4.51±2.3	4.66±1.9	.46
BMI (Kg/m ²)	27.5±5.6	27.6±5.7	27.4±5.5	.63
Prior abdominal surgery history	221(54.3)	118(54.9)	103(53.6)	.80
ASA				.03
1	1(0.3)	0(0.0)	1(0.5)	
2	71(17.3)	47(21.6)	24(12.5)	
3	316(77.0)	162(74.3)	154(80.2)	
4	22(5.4)	9(4.1)	13(6.8)	
Preoperative albumin (g/dl)	3.63±0.58	3.57±0.60	3.70±0.55	.03
Cancer	338(82.6)	175(81.0)	163(84.9)	.26
PDA	192(46.3)	105(48.2)	87(45.3)	.56
Neoadjuvant therapy	114(27.9)	47(21.8)	67(34.9)	.003
B. Intra-operative Clinical Variables				
Duct size (mm)	3 (2-5)	4 (2.5-6)	3 (2-5)	.04
Dilated duct (>3mm)	186(47.0)	109(51.5)	77(41.9)	.057
Soft pancreas texture	244(63.5)	128(62.4)	116(64.8)	.63
Operation time (min)	425±111	469±121	374±70	<.001
EBL (ml)	250 (150-400)	250 (150-500)	200 (114-350)	.001
EBL > 500ml	90(22.0)	64(29.5)	26(13.5)	<.001
RBC transfusion	68(16.6)	47(21.6)	21(11.0)	.004
RBC units in patients who actually transfused	2(1-3)	2(1-4)	2(1-2)	.53
Converted to open	19(4.6)	19(8.7)	0(0)	<.001
C. Post-operative Clinical Variables				
POPF	86(21.0)	49(19.3)	44(22.9)	.32
POPF (B and C)	37(9.0)	21(9.6)	16(8.4)	.65
Pseudo-aneurysm	17(4.2)	11(5.1)	6(3.1)	.33
DGE	88(21.5)	47(21.6)	41(21.4)	.96
Max Clavien-Dindo				.54
0	118(28.8)	65(29.9)	53(27.6)	
1	50(12.2)	23(10.6)	27(14.1)	
2	132(32.2)	65(29.8)	67(34.9)	
3	48(11.7)	28(12.8)	20(10.4)	
4	49(12.0)	28(12.8)	21(10.9)	
5	13(3.2)	9(4.1)	4(2.1)	
Max Clavien-Dindo ≥3	110(26.8)	65(29.8)	45(23.4)	.15
LOS (day)	8(6-12)	9(7-13)	7(6-10)	.002
Re-admission	144(35.1)	76(34.9)	68(35.4)	.91
Re-operation	18(4.4)	11(5.3)	7(3.7)	.49
30-day mortality	5(1.2)	4(1.8)	1(0.6)	.38
90-day mortality	12(2.9)	8(3.7)	4(2.1)	.39

Abbreviations: RPD, Robotic pancreaticoduodenectomy; DGE, Delayed gastric emptying; CCI, Charlson comorbidity index; BMI, Body mass index; ASA, American society of anesthesiologists classification; PDA, Pancreatic adenocarcinoma; GJ, Gastrojejunostomy; EBL, Estimated blood loss; RBC, Red blood cell; POPF, Post-operative pancreatic fistula; Max Clavien-Dindo, Maximum Clavien-Dindo classification;³⁴ LOS, Length of stay.