

Supplementary Table 1. Button hit counts and fentanyl amount from patient-controlled analgesia based on the presence of hemoperitoneum

		None (n=50)	Hemoperitoneum (n=9)	<i>P</i> -value (two- tailed)	95% CI	
					Lower	Upper
BHC	0–2h	3.3 (±1.9)	5.1 (±2.8)	0.019	-3.31	-0.31
	2–4h	2.7 (±1.6)	3.7 (±1.4)	NS	-2.10	0.25
	4–8h	2.5 (±2.0)	3.9 (±1.6)	NS	-2.79	0.09
	8–12h	1.9 (±1.8)	2.8 (±2.1)	NS	-2.23	0.55
	0–12h	10.6 (±6.3)	15.4 (±6.2)	0.038	-9.41	-0.27
	12–24h	4.1 (±2.6)	6.2 (±1.4)	0.02	-3.96	-0.35
	24–48h	1.5 (±1.8)	1.5 (±1.3)	NS	-1.36	1.24
	Total	16.1 (±8.8)	23.2 (±6.6)	0.027	-13.27	-0.85
Fentanyl amount	0–2h	104.4 (±32.2)	126.7 (±31.3)	0.06	-45.52	0.988
	2–4h	94.8 (±32.5)	113.3 (±28.2)	NS	-41.71	4.64
	4–8h	125.6 (±41.4)	157.8 (±43.2)	0.032	-61.49	-2.86
	8–12h	111.6 (±41.3)	135.9 (±43.2)	NS	-54.43	6.51
	0–12h	423.4 (±133.6)	533.3 (±108.9)	0.023	-204.3	-15.5
	12–24h	306.8 (±91.9)	364.7 (±27.8)	0.069	-119.9	4.61
	24–48h	432.8 (±130.0)	482.1 (±72.2)	NS	-139.49	40.64
	Total	1176.0 (±252.2)	1380.7 (±171.1)	0.027	-383.54	-24.45

BHC, button hit count; PCA, patient-controlled analgesia; 95% CI, 95% confidence interval

Supplementary Table 2. Score of each BIQ between the two groups

	hLESS (n=29)	Three-port (n=27)	<i>P</i> -value*
Image 1			
1	26	9	<0.001
2	3	18	
3	0	0	
4	0	0	
Image 2			
1	26	15	<0.01
2	3	12	
3	0	0	
4	0	0	
Image 3			
1	24	23	NS
2	5	4	
3	0	0	
4	0	0	
Image 4			
1	24	21	NS
2	5	6	
3	0	0	
4	0	0	
Image 5			
1	27	24	NS
2	2	3	
3	0	0	
4	0	0	

hLESS, hybrid laparoendoscopic single-site surgery; BIQ, body image questionnaire; *Chi-square test