

Supplementary Table 1. Other clinical and pathological characteristics of cohort studies on comparison between ER and LAP/LECS

Author	Endoscopic method	Laparoscopic method	Tumor location		Mitotic index			Types of Complications			Severity of Complications			Follow-up	
			Location	ER	LA	/50HP	ER	LA	Type	ER	LAP	Grade	ER		LAP
				P	F		P								
Wang et al	Full-thickness ER	LAP wedge resection	Antrum	2	4	N/A			Wound disruption	3	0	I			N/A
			Body	26	16				Localized peritonitis	0	3	II	14	6	
			Fundus	38	23				Gastrointestinal bleeding	0	3	III	3		
									Pneumatosis	5	0	IV			
									Pneumatosis and localized peritonitis	9	0	V			
Jeong et al	ESD	LAP wedge resection (n=53)	Proximal	17		≤5		65	N/A			I		ER: 49.3 m	
		LAP distal gastrectomy (n=3)	Body		62	6–10		13				II	1	6	LAP: 37.0 m
		LAP total gastrectomy (n=1)	Distal		5	>10		6				III	1		
											IV				
												V			
Dong et al	Full-thickness ER	LAP intragastric surgery	Proximal	8	6	≤5	10	6	N/A			N/A		Mean 12.8 m	
			Body	1	2	6–10	0	2							
			Distal	1	0	>10	0								
Wu et al	Full-thickness ER	LAP wedge resection,	Antrum	13	15	N/A			N/A			I		N/A	
		LAP sleeve gastrectomy	Body	23	19							II	2		
		LAP partial gastrectomy	Fundus	14	8							III			
											IV				
												V			

Meng et al	ESD	N/A	Antrum	2	2	N/A			N/A						ER: 7 m LAP: 6 m
			Body	9	16										
			Fundus	61	30										
Dai et al	N/A	N/A	Cardia	34	5	≤5	59	24	Bleeding	2	0	N/A			ER: 32.9 m LAP: 35.2 m
			Antrum	7	21	6–10	16	4	Perforation	3	0				
			Body	59	26	>10	2	0	Infection	6	1				
			Fundus	154	35				Other	4	1				
Meng et al	ESD	N/A	Antrum	8	3	N/A			Perforation or Bleeding	2	1	N/A			ER: 3.34 y LAP: 3.41 y
			Body	13	18										
			Fundus	54	30										
Gluzman et al	ESD (n=6)	LAP wedge resection (n=30)	Stomach	21	36	N/A			Bleeding		1	I			N/A
	Tunnel ER (n=8)	LAP partial gastrectomy (n=4)	Intestine	1	4				Perforation	2		II			
	Full-thickness ER (n=8)	LAP sleeve gastrectomy (n=3) LAP small bowel resection (n=3)							Pharyngeal wall tear	1		III	3	3	
									Resistant pylorospasm		1	IV			
									Adhesive obstruction		1	V			
He et al	ESD	N/A	Antrum	11	19	≤5	36	45	Bleeding	2	3	N/A			>12 m
			Body	32	38	>15	26	39	Infection	1	2				
			Fundus	19	27										
Yin et al	ESD	LAP wedge resection	Proximal	24	18	≤5	41	22	Bleeding	2	1	I			69.5 m
		LAP partial gastrectomy	Body	18	10	6–10	3	6	Perforation	3	0	II	8	1	
		LAP total gastrectomy	Distal	4	2	>10	2	2	Infection	2	0	III			
									Severe sour regurgitation	1	0	IV			
												V			
Chen et al	ESD	LAP wedge resection	Cardia	4	11	≤5	32	59	N/A			I			ER: 45 m

			Fundus	18	22	6–10	3	6				II	1	4	LAP:
			Body	6	17	>10	0	1				III			60 m
			Antrum	7	16							IV			
												V			
Zhao et al	Full-thickness ER	N/A	Cardia	6	3	N/A			Bleeding	0	1	N/A			ER:
			Fundus	55	36				Pneumoperitoneum	4	0				29 m
			Body	20	18				Infection	1	3				LAP:
			Antrum	4	6										36 m
Balde et al	ESD	LECS	Proximal	21	17	N/A			Bleeding	6	1	N/A			Mean
			Body	2	8				Perforation	2	0				57.9 m
			Distal	7	5				Reoperation	4	0				
									Other	8	1				
Yin et al	ESD	LECS	Proximal	24	9	≤ 5	41	12	Bleeding	2	0	I			69.5 m
			Body	18	5	6–10	3	3	Perforation	3	0	II	8	2	
			Distal	4	1	>10	2	0	Infection	2	1	III			
									Obstruction	0	1	IV			
												V			
Ojima et al	EIGS	LECS	N/A			N/A			Gastric mucosal injury	3	0	I			>12 m
									Esophageal tear	1	0	II			
									Anastomotic leakage	0	1	III	10	2	
									Bleeding	3	0	IV			
									Infection	3	0	V			

Severity of Complications was assessed according to Clavien-Dindo system. ER: endoscopic resection; ESD: endoscopic submucosal dissection; LAP: laparoscopic resection; LECS: laparoscopic and endoscopic cooperative surgery; N/A: not available; HPF: high-power fields; EIGS: endoscopic intragastric surgery.