

Supplementary Table 1 Descriptive comparison of procedural parameters by surgical resection type within each enteroscope group (SBE and DBE)

Resection type	DBE					SBE				
	BDR (n = 39)	PD (n = 89)	STG (n = 96)	TG (n = 23)	P value	BDR (n = 35)	PD (n = 34)	STG (n = 109)	TG (n = 69)	P value
Time for intubation to JJ, min, mean $\pm$ SD	10.8 $\pm$ 6.6	5.0 $\pm$ 5.4	4.2 $\pm$ 4.4	8.0 $\pm$ 15.4	< 0.001	20.8 $\pm$ 17.0	12.7 $\pm$ 7.0	8.3 $\pm$ 5.6	9.0 $\pm$ 7.9	< 0.001
Successful intubation time, min, mean $\pm$ SD	23.4 $\pm$ 14.6	14.8 $\pm$ 13.4	8.3 $\pm$ 7.1	20.2 $\pm$ 20.2	< 0.001	49.5 $\pm$ 35.3	22.7 $\pm$ 18.9	15.5 $\pm$ 11.5	24.3 $\pm$ 19.6	< 0.001
Cannulation time, min, mean $\pm$ SD	1.1 $\pm$ 2.6	1.1 $\pm$ 2.7	6.1 $\pm$ 10.6	7.6 $\pm$ 8.2	< 0.001	1.0 $\pm$ 0.0	1.8 $\pm$ 2.4	4.1 $\pm$ 8.3	5.2 $\pm$ 6.7	0.014
Total procedure time, min, mean $\pm$ SD	37.4 $\pm$ 17.0	29.0 $\pm$ 18.7	26.9 $\pm$ 14.8	44.6 $\pm$ 24.8	< 0.001	87.8 $\pm$ 47.3	63.2 $\pm$ 28.0	55.7 $\pm$ 34.0	69.9 $\pm$ 37.9	< 0.001
Intubation failure, n (%)	5 (12.8%)	6 (6.7%)	2 (2.1%)	1 (4.3%)	0.098	3 (8.6%)	1 (2.9%)	2 (1.8%)	3 (4.3%)	0.310
Cannulation failure, n (%)	10 (25.6%)	8 (9.0%)	4 (4.2%)	4 (17.4%)	0.002	4 (11.4%)	2 (5.9%)	3 (2.8%)	7 (10.1%)	0.141

Supplementary Table 2 Comparison of technical outcomes between SBE and DBE within each surgical resection type

Resection type	BDR			PD			STG			TG		
	DBE (<i>n</i> = 39)	SBE (<i>n</i> = 35)	<i>P</i> value	DBE (<i>n</i> = 89)	SBE (<i>n</i> = 34)	<i>P</i> value	DBE (<i>n</i> = 96)	SBE (<i>n</i> = 109)	<i>P</i> value	DBE (<i>n</i> = 23)	SBE (<i>n</i> = 69)	<i>P</i> value
Time for intubation to JJ, min, mean ± SD	10.8 ± 6.6	20.8 ± 17.0	0.002	5.0 ± 5.4	12.7 ± 7.0	0.002	4.2 ± 4.4	8.3 ± 5.6	< 0.001	8.0 ± 15.4	9.0 ± 7.9	0.777
Successful intubation time, min, mean ± SD	23.4 ± 14.6	49.5 ± 35.3	< 0.001	14.8 ± 13.4	22.7 ± 18.9	0.032	8.3 ± 7.1	15.5 ± 11.5	< 0.001	20.2 ± 20.2	24.3 ± 19.6	0.399
Cannulation time, min, mean ± SD	1.1 ± 2.6	1.0 ± 0.0	0.861	1.1 ± 2.7	1.8 ± 2.4	0.199	6.1 ± 10.6	4.1 ± 8.3	0.155	7.6 ± 8.2	5.2 ± 6.7	0.207
Total procedure time, min, mean ± SD	37.4 ± 17.0	87.8 ± 47.3	< 0.001	29.0 ± 18.7	63.2 ± 28.0	< 0.001	26.9 ± 14.8	55.7 ± 34.0	< 0.001	44.6 ± 24.8	69.9 ± 37.9	0.001
Intubation failure, n (%)	5 (12.8%)	3 (8.6%)	0.831	6 (6.7%)	1 (2.9%)	0.705	2 (2.1%)	2 (1.8%)	1.000	1 (4.3%)	3 (4.3%)	1.000
Cannulation failure, n (%)	10 (25.6%)	4 (11.4%)	0.207	8 (9.0%)	2 (5.9%)	0.845	4 (4.2%)	3 (2.8%)	0.864	4 (17.4%)	7 (10.1%)	0.578