

Supplementary Table 2. Item-level results of the assessment checklist for colonoscopy skills between PGY-3 and PGY-2 residents

Item	Max score	Mean±SD		p-value
		PGY-3 (n=145)	PGY-2 (n=224)	
Domain 1. Basic manipulation skills				
Understanding the structure of the endoscopic system	3	2.81±0.39	2.78±0.43	0.451
Left-hand control (air, water, suction control, control wheels)	3	2.53±0.52	2.49±0.58	0.684
Right-hand manipulation (torque, jiggling)	3	2.52±0.52	2.51±0.60	0.897
Coordinated use of both hands during scope manipulation	3	2.58±0.55	2.49±0.61	0.185
Domain 2. Anatomical understanding & documentation				
Recognition of the anatomical characteristics of each colonic segment	3	2.81±0.39	2.76±0.46	0.333
Image documentation of key anatomical landmarks	3	2.82±0.39	2.77±0.45	0.207
Domain 3. Insertion & advancement skills				
Advancement through the rectosigmoid junction	3	2.61±0.49	2.48±0.60	0.022
Advancement through the splenic flexure	3	2.82±0.39	2.67±0.57	0.006
Advancement through the hepatic flexure	3	2.71±0.48	2.64±0.57	0.211
Successful cecal intubation	3	2.76±0.45	2.68±0.58	0.157

PGY, post-graduate year; SD, standard deviation.