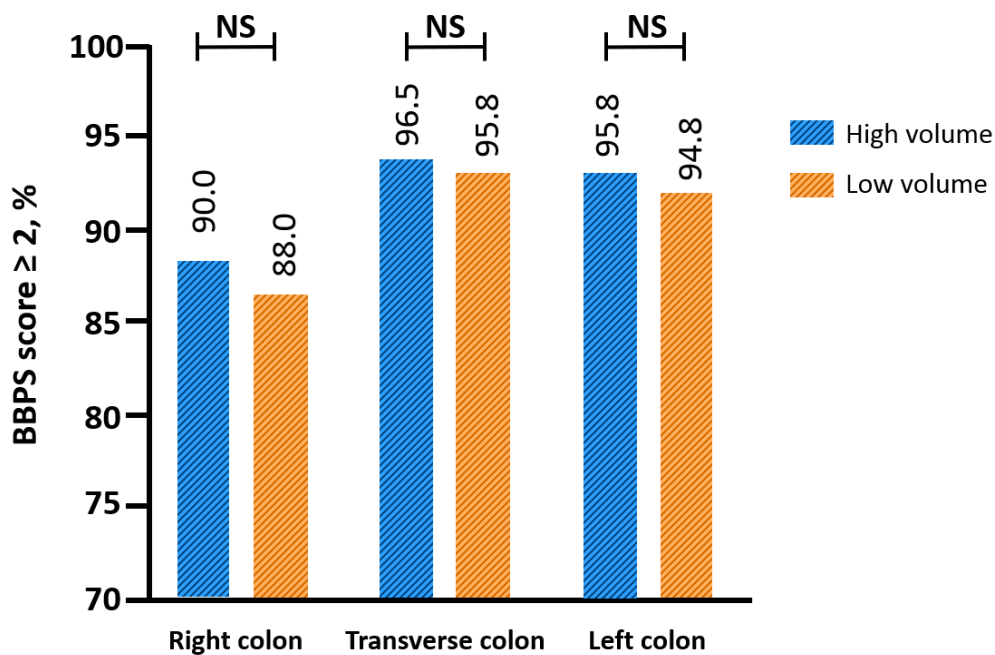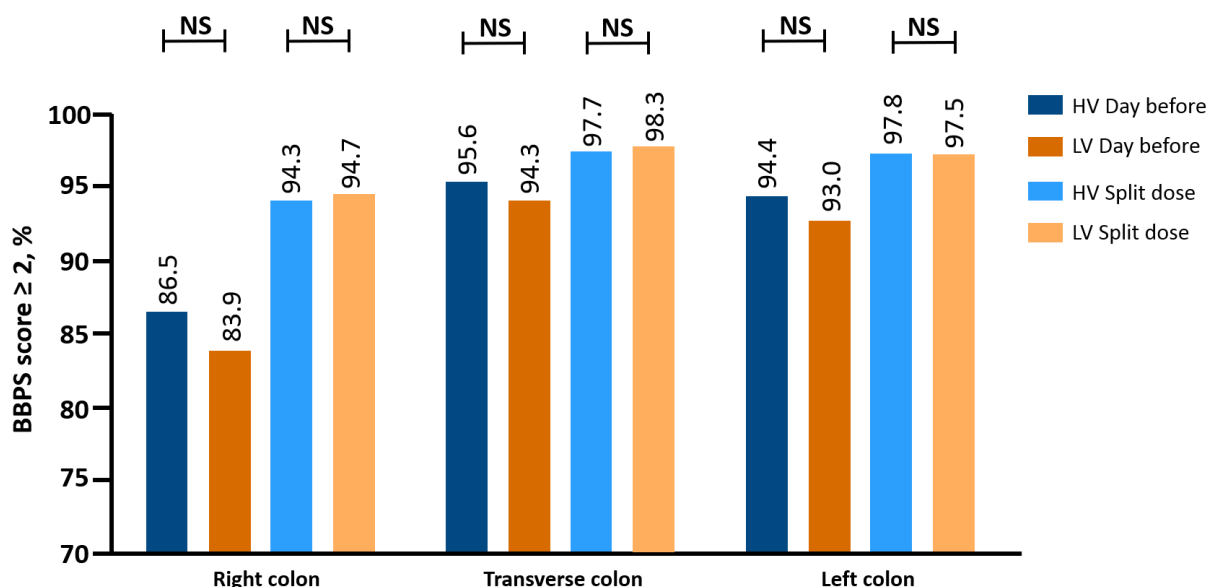**Supplementary Figure 1 Study flow diagram.**

Supplementary figure 2 Frequency of adequate preparations (Boston Bowel Preparation Score ≥ 2) in each colon segment according to the volume of preparations. NS: Not significant.

Supplementary figure 3 Frequency of adequate preparations (Boston Bowel Preparation Score ≥ 2) in each colon segment according to volume and schedule of bowel preparation. NS: Not significant.

Supplementary table 1 Clinical outcomes of colonoscopies according to indications, *n* **(%)**

Outcome	Positive FBT *n* = 151	Surveillance *n* = 434	Symptoms *n* = 1101	IBD *n* = 129
Complete examination	150 (99.3)	431 (99.3)	1083 (98.4)	129 (100)
PDR	69 (45.7)	167 (38.5)	266 (24.2)	18 (14.0)
ADR	58 (38.4)	123 (28.3)	192 (17.4)	8 (6.2)
AADR	22 (14.6)	25 (5.8)	43 (3.9)	1 (0.8)
Cancer	8 (5.3)	9 (2.1)	17 (1.5)	0 (0.0)
SDR	3 (2.0)	12 (2.8)	11 (1.0)	2 (1.6)

FBT: Fecal blood test; IBD: Inflammatory bowel disease; PDR: Polyp detection rate; ADR: Adenoma detection rate; AADR: Advanced adenoma detection rate; SDR: Sessile lesion detection rate.

Supplementary Table 2 Clinical outcomes according to type of colonoscope used (high definition versus standard definition), *n* **(%)**

Outcome	High definition *n* = 606	Standard definition *n* = 1209	*P* value[1]
PDR	190 (31.4)	330 (27.3)	0.071
ADR	144 (23.8)	237 (19.6)	0.040
AADR	38 (6.3)	53 (4.4)	0.082
Cancer	10 (1.7)	24 (2.0)	0.619
SDR	8 (1.3)	20 (1.7)	0.586

[1]*P* value degrees of freedom = 1. PDR: Polyp detection rate; ADR: Adenoma detection rate; AADR: Advanced adenoma detection rate; SDR: Sessile lesion detection rate.