

SUPPLEMENTARY TABLE 1. Multivariable regressions on BBPS total score and adequate bowel cleansing among those prescribed day-before prep dosing (n=2676).

Variable	BBPS total score mean \pm SD	Adjusted p-value *	Adequate bowel cleansing † n (%)	OR [95% CI] *
Prescribed bowel prep:				
GoLYTELY®	6.56 \pm 1.92	reference	303 (81.5%)	Reference
Moviprep®	7.05 \pm 1.59	.007	157 (90.2%)	1.70 [0.92-3.14]
Miralax® with Gatorade®	7.01 \pm 1.67	<.001	1505 (91.2%)	1.99 [1.36-2.92]
Prepopik®/Clenpiq®	7.01 \pm 1.55	.08	119 (90.2%)	1.60 [0.80-3.18]
Suprep®	7.26 \pm 1.68	<.001	225 (89.6%)	1.59 [0.93-2.74]
Magnesium citrate	6.67 \pm 1.65	.84	28 (84.9%)	1.07 [0.38-3.04]
Osmoprep®	7.17 \pm 1.72	.06	55 (87.3%)	1.25 [0.54-2.90]
Bowel prep completion:				
Did not complete prep	6.82 \pm 1.90	reference	197 (86.8%)	reference
Fully completed prep	6.98 \pm 1.69	.42	2171 (89.6%)	1.12 [0.72-1.72]
Unknown	7.42 \pm 1.55	.15	24 (92.3%)	1.43 [0.31-6.57]
Procedure in addition to colonoscopy:				
No	7.00 \pm 1.68	reference	1629 (90.2%)	reference
Yes	6.92 \pm 1.76	.40	763 (87.8%)	0.85 [0.64-1.12]
Fellow involvement:				
No	6.99 \pm 1.72	reference	2041 (89.4%)	reference
Yes	6.88 \pm 1.64	.66	351 (89.3%)	1.10 [0.76-1.59]
Withdrawal time:				
\geq 6 minutes	7.04 \pm 1.63	reference	2001 (90.2%)	reference
<6 minutes	7.37 \pm 1.81	.015	112 (91.8%)	1.35 [0.67-2.73]
Unknown	6.41 \pm 2.01	<.001	279 (83.0%)	0.55 [0.39-0.76]

Age:				
18-49 y	7.02 ± 1.74	reference		699 (88.6%) reference
50-64 y	6.99 ± 1.75	.80		898 (88.8%) 1.14 [0.81-1.60]
≥65 y	6.91 ± 1.61	.42		795 (90.8%) 1.26 [0.86-1.84]
Gender:				
Female	7.11 ± 1.68	reference		1228 (90.6%) reference
Male	6.84 ± 1.72	<.001		1164 (88.2%) 0.78 [0.60-1.02]
Race/ethnicity:				
Non-Hispanic white	6.99 ± 1.68	reference		1679 (89.9%) reference
Non-Hispanic black	6.85 ± 1.88	.48		254 (88.2%) 0.85 [0.55-1.30]
Latino	6.87 ± 1.78	.47		205 (85.4%) 0.70 [0.44-1.10]
Asian	7.12 ± 1.56	.13		154 (89.5%) 1.12 [0.65-1.92]
Other/unknown	7.08 ± 1.65	.58		100 (92.6%) 1.50 [0.70-3.22]
Primarily language:				
English speaker	6.98 ± 1.71	reference		2182 (89.5%) reference
Non-English speaker	6.95 ± 1.69	.21		210 (88.6%) 1.24 [0.75-2.07]
Body mass index (kg/m ²):				
<25	6.96 ± 1.70	reference		1106 (89.1%) reference
25-29.9	7.05 ± 1.67	.03		728 (89.5%) 1.15 [0.85-1.56]
≥30	6.89 ± 1.76	.52		530 (89.7%) 1.36 [0.96-1.95]
Unknown	7.30 ± 1.74	.71		28 (93.3%) 1.56 [0.35-6.85]
Opioid use:				
No	7.04 ± 1.64	reference		2048 (90.6%) reference
Yes	6.64 ± 1.97	.001		344 (82.9%) 0.57 [0.42-0.78]
Tricyclic antidepressant use:				
No	6.99 ± 1.69	reference		2368 (89.7%) reference
Yes	6.14 ± 2.28	.004		24 (68.6%) 0.25 [0.11-0.53]

Type I or II diabetes:					
No	7.04 ± 1.69	reference		2027 (90.1%)	reference
Yes	6.65 ± 1.77	.001		365 (85.5%)	0.67 [0.47-0.95]
Liver cirrhosis:					
No	6.99 ± 1.70	reference		2351 (89.7%)	reference
Yes	6.27 ± 1.91	.06		41 (73.2%)	0.43 [0.22-0.84]

BBPS, Boston Bowel Preparation Scale; CI, confidence interval; OR, odds ratio; SD, standard deviation.

* The multivariable linear and logistic regression models with random effects included all variables in the table.

† Adequate bowel cleansing was defined as total BBPS score ≥6 with each segment BBPS score ≥2.

SUPPLEMENTARY TABLE 2. Multivariable regressions on BBPS total score and adequate bowel cleansing among those prescribed split prep dosing (n=1663).

Variable	BBPS total score mean ± SD	Adjusted p-value *	Adequate bowel cleansing † n (%)	OR [95% CI] *
Prescribed bowel prep:				
GoLYTELY®	6.97 ± 1.71	reference	127 (90.7%)	reference
Moviprep®	7.20 ± 1.67	.44	110 (92.4%)	0.91 [0.34-2.43]
Miralax® with Gatorade®	7.21 ± 1.60	.25	994 (94.5%)	1.17 [0.56-2.45]
Prepopik®/Clenpiq®	7.02 ± 1.65	.78	86 (91.5%)	0.67 [0.24-1.92]
Suprep®	7.30 ± 1.64	.17	201 (91.8%)	0.79 [0.32-1.94]
Magnesium citrate	7.25 ± 1.37	.34	20 (100%)	--- ‡
Osmoprep®	6.58 ± 2.27	.22	12 (63.2%)	0.14 [0.04-0.51]
Bowel prep completion:				
Did not complete prep	7.03 ± 1.85	reference	101 (86.3%)	reference
Fully completed prep	7.19 ± 1.61	.31	1435 (93.7%)	2.24 [1.21-4.16]
Unknown	7.43 ± 1.50	.29	14 (100%)	--- ‡
Procedure in addition to colonoscopy:				
No	7.23 ± 1.59	reference	1018 (94.0%)	reference
Yes	7.11 ± 1.70	.37	532 (91.7%)	0.79 [0.52-1.21]
Fellow involvement:				
No	7.19 ± 1.62	reference	1349 (93.6%)	reference
Yes	7.14 ± 1.68	.65	201 (91.0%)	0.65 [0.37-1.14]
Withdrawal time:				
≥6 minutes	7.26 ± 1.58	reference	1252 (93.5%)	reference
<6 minutes	7.26 ± 1.56	.83	138 (96.5%)	1.83 [0.68-4.95]
Unknown	6.59 ± 1.89	<.001	160 (88.4%)	0.53 [0.31-0.90]

Age:				
18-49 y	7.35 ± 1.67	reference		277 (93.0%) reference
50-64 y	7.20 ± 1.63	.16		702 (93.4%) 0.95 [0.53-1.70]
≥65 y	7.09 ± 1.60	.05		571 (93.2%) 0.85 [0.46-1.55]
Gender:				
Female	7.24 ± 1.64	reference		806 (93.1%) reference
Male	7.13 ± 1.62	.03		744 (93.4%) 0.87 [0.57-1.31]
Race/ethnicity:				
Non-Hispanic white	7.17 ± 1.62	reference		1008 (93.0%) reference
Non-Hispanic black	6.89 ± 1.64	.05		196 (92.9%) 1.03 [0.55-1.92]
Latino	7.29 ± 1.65	.05		168 (90.8%) 0.79 [0.42-1.48]
Asian	7.72 ± 1.53	.002		105 (99.1%) 6.40 [0.87-47.26]
Other/unknown	7.25 ± 1.66	.50		73 (94.8%) 1.31 [0.45-3.81]
Primarily language:				
English speaker	7.21 ± 1.62	reference		1441 (93.3%) reference
Non-English speaker	6.88 ± 1.70	.006		109 (91.6%) 0.70 [0.32-1.51]
Body mass index (kg/m ²):				
<25	7.19 ± 1.64	reference		606 (92.2%) reference
25-29.9	7.28 ± 1.64	.11		474 (95.0%) 1.67 [0.99-2.81]
≥30	7.07 ± 1.61	.93		446 (92.5%) 1.05 [0.64-1.73]
Unknown	7.28 ± 1.62	.78		24 (96.0%) 1.88 [0.24-14.93]
Opioid use:				
No	7.26 ± 1.58	reference		1323 (94.4%) reference
Yes	6.77 ± 1.81	<.001		227 (86.6%) 0.37 [0.23-0.58]
Tricyclic antidepressant use:				
No	7.19 ± 1.63	reference		1516 (93.3%) reference
Yes	6.76 ± 1.67	.28		34 (89.5%) 0.75 [0.24-2.30]

Type I or II diabetes:					
No	7.22 ± 1.63	reference		1295 (93.2%)	reference
Yes	7.02 ± 1.61	.36		255 (93.4%)	1.11 [0.62-2.00]
Liver cirrhosis:					
No	7.19 ± 1.63	reference		1535 (93.4%)	reference
Yes	6.37 ± 1.42	.03		15 (79.0%)	0.26 [0.07-0.90]

BBPS, Boston Bowel Preparation Scale; CI, confidence interval; OR, odds ratio; SD, standard deviation.

* The multivariable linear and logistic regression models with random effects included all variables in the table.

† Adequate bowel cleansing was defined as total BBPS score ≥6 with each segment BBPS score ≥2.

‡ Variable level was not included in the logistic regression model as it fully predicted the outcome of adequate bowel cleansing.