

See “Difficult colonoscopy: air, carbon dioxide, or water insufflation?” on page 299.

**Supplementary Table 3.** Analysis for Primary and Secondary Endpoints (BMI <18 kg/m<sup>2</sup>)

End points	Air insufflation (n=14)	Carbon dioxide insufflation (n=16)	Water insufflation (n=17)	<i>P</i> -value <sup>a</sup>	<i>P</i> -value <sup>b</sup>	<i>P</i> -value <sup>c</sup>	<i>P</i> -value <sup>d</sup>
Pain and sedation							
Primary end point	1 (7.1)	5 (31.3)	14 (82.4)	<0.001	0.100	<0.001	0.003
Pain score	5.28	5.12	3.64	<0.001	0.910	<0.001	<0.001
Sedation	4 (28.6)	4 (25.0)	2 (11.8)	0.470			
Secondary end point							
Cecal intubation rate	10 (71.4)	12 (75.0)	14 (82.4)	0.760			
Cecal intubation time (min)	21.80	23.08	18.36	0.024			
Pain score (on VAS)							
Rectosigmoid junction	6	6	4.18	<0.001	1.000	0.002	0.001
Splenic flexure	7.29	6.81	4.63	<0.001	0.790	<0.001	0.001
Hepatic flexure	3.60	2.73	2.43	0.090			
Withdrawal	1.90	1.20	1.73	0.080			
Abdominal compression	13 (92.8)	11 (68.8)	6 (35.3)	0.010	0.100	0.003	0.110
Change in position	4 (28.6)	7 (43.8)	5 (29.4)	0.600			

Values are presented as number (%) or mean.

<sup>a</sup>Overall.

<sup>b</sup>Air and carbon dioxide.

<sup>c</sup>Air and water.

<sup>d</sup>Carbon dioxide and water.

VAS, visual analogue scale.