|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Mayo Bowel Prep Tolerability Scores** | | | | | |  |  |
|  |  | Cohort 1 |  |  |  | Cohort 2 |  |
|  | DCL-101 3La (n=10) | PEG-ELSa (n=5) | p-valuec |  | DCL-101 4La (n=20) | PEG-ELSa (n=10) | p-valuec |
| Questionnaire item |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 1. How many bowel movements did you have in the week prior to starting colon preparation? |  |  | 0.41 |  |  |  | 0.13 |
| 3 or less/week | 0 (0.0) | 1 (20.0) |  |  | 1 (5.0) | 2 (20.0) |  |
| 4 to 8/week | 8 (80.0) | 4 (80.0) |  |  | 9 (45.0) | 6 (60.0) |  |
| 9 or more/week | 2 (20.0) | 0 (0.0) |  |  | 10 (50.0) | 2 (20.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| 2. How much of the bowel preparation was left in the bottle after drinking it to your best effort? |  |  | N/A |  |  |  | N/A |
| Less than 25% | 10 (100.0) | 5 (100.0) |  |  | 20 (100.0) | 10 (100.0) |  |
| 25% - 50% left | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| 50% - 75% left | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| 75% or more left | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| 3. How tolerable did you find the bowel preparation? |  |  | 0.017 |  |  |  | 0.015 |
| Easy | 9 (90.0) | 1 (20.0) |  |  | 14 (70.0) | 2 (20.0) |  |
| Acceptable | 1 (10.0) | 3 (60.0) |  |  | 6 (30.0) | 6 (60.0) |  |
| Somewhat difficult | 0 (0.0) | 1 (20.0) |  |  | 0 (0.0) | 1 (10.0) |  |
| Very difficult | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 1 (10.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| 4. Based on your current experience, would you be willing to drink the same preparation again if you need another colonoscopy in the future? |  |  | 0.33 |  |  |  | 0.0018 |
| Not willing at all | 0 (0.0) | 0 (0.0) |  |  | 1 (5.0) | 0 (0.0) |  |
| Somewhat willing | 0 (0.0) | 1 (20.0) |  |  | 0 (0.0) | 5 (50.0) |  |
| Mostly willing | 10 (100.0) | 4 (80.0) |  |  | 19 (95.0) | 5 (50.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| 5. In case you have experienced some difficulties in tolerating bowel preparation, do you think that was due to your current health issues? |  |  | 0.33 |  |  |  | 0.21 |
| Yes | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| No | 0 (0.0) | 0 (0.0) |  |  | 2 (10.0) | 4 (40.0) |  |
| It does not apply to me (no difficulties) | 7 (70.0) | 2 (40.0) |  |  | 13 (65.0) | 4 (40.0) |  |
| It does not apply to me (no health issues) | 3 (30.0) | 3 (60.0) |  |  | 5 (25.0) | 2 (20.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| 6. How much of the following symptoms bothered you during bowel preparation? |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Bad taste in mouth |  |  | 0.047 |  |  |  | 0.14 |
| None | 8 (80.0) | 1 (20.0) |  |  | 13 (65.0) | 4 (40.0) |  |
| Mild | 2 (20.0) | 3 (60.0) |  |  | 6 (30.0) | 3 (30.0) |  |
| Moderate | 0 (0.0) | 0 (0.0) |  |  | 1 (5.0) | 3 (30.0) |  |
| Severe | 0 (0.0) | 1 (20.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| Gastric fullness |  |  | 0.06 |  |  |  | 0.32 |
| None | 5 (50.0) | 0 (0.0) |  |  | 7 (35.0) | 1 (10.0) |  |
| Mild | 5 (50.0) | 3 (60.0) |  |  | 10 (50.0) | 5 (50.0) |  |
| Moderate | 0 (0.0) | 2 (40.0) |  |  | 2 (10.0) | 3 (30.0) |  |
| Severe | 0 (0.0) | 0 (0.0) |  |  | 1 (5.0) | 1 (10.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| Lack of sleep from excessive bathroom trips |  |  | 1.00 |  |  |  | 0.07 |
| None | 4 (40.0) | 3 (60.0) |  |  | 10 (50.0) | 2 (20.0) |  |
| Mild | 5 (50.0) | 2 (40.0) |  |  | 7 (35.0) | 4 (40.0) |  |
| Moderate | 1 (10.0) | 0 (0.0) |  |  | 1 (5.0) | 4 (40.0) |  |
| Severe | 0 (0.0) | 0 (0.0) |  |  | 2 (10.0) | 0 (0.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| Nausea/vomiting |  |  | 1.00 |  |  |  | 0.72 |
| None | 7 (70.0) | 3 (60.0) |  |  | 11 (55.0) | 7 (70.0) |  |
| Mild | 3 (30.0) | 2 (40.0) |  |  | 7 (35.0) | 3 (30.0) |  |
| Moderate | 0 (0.0) | 0 (0.0) |  |  | 2 (10.0) | 0 (0.0) |  |
| Severe | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| Bloating/abdominal distention/gas |  |  | 0.049 |  |  |  | 0.22 |
| None | 6 (60.0) | 0 (0.0) |  |  | 11 (55.0) | 3 (30.0) |  |
| Mild | 4 (40.0) | 4 (80.0) |  |  | 7 (35.0) | 3 (30.0) |  |
| Moderate | 0 (0.0) | 1 (20.0) |  |  | 2 (10.0) | 3 (30.0) |  |
| Severe | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 1 (10.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| Abdominal pain/cramps |  |  | 1.00 |  |  |  | 0.06 |
| None | 6 (60.0) | 3 (60.0) |  |  | 16 (80.0) | 4 (40.0) |  |
| Mild | 4 (40.0) | 2 (40.0) |  |  | 3 (15.0) | 5 (50.0) |  |
| Moderate | 0 (0.0) | 0 (0.0) |  |  | 1 (5.0) | 1 (10.0) |  |
| Severe | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| Headache |  |  | 0.61 |  |  |  | 0.71 |
| None | 6 (60.0) | 2 (40.0) |  |  | 14 (70.0) | 7 (70.0) |  |
| Mild | 4 (40.0) | 3 (60.0) |  |  | 4 (20.0) | 1 (10.0) |  |
| Moderate | 0 (0.0) | 0 (0.0) |  |  | 2 (10.0) | 2 (20.0) |  |
| Severe | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| Median symptom scoreb | 1.58 (1.33-2.17) | 1.83 (1.67- 2.33) |  |  | 1.67 (1.50- 2.17) | 1.83 (1.83-3.00) |  |
|  |  |  |  |  |  |  |  |
| 7. Is this your first colonoscopy procedure? |  |  | 0.28 |  |  |  | 0.26 |
| Yes | 6 (60.0) | 1 (20.0) |  |  | 11 (55.0) | 3 (30.0) |  |
| No | 4 (40.0) | 4 (80.0) |  |  | 9 (45.0) | 7 (70.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
| 8. Which type of bowel preparation did you take in your previous colonoscopy? |  |  | 0.18 |  |  |  | 0.26 |
| GoLytely (1 gallon tasteless/salty solution) | 2 (20.0) | 0 (0.0) |  |  | 6 (30.0) | 3 (30.0) |  |
| Moviprep (1/2 gallon flavored solution) | 1 (10.0) | 1 (20.0) |  |  | 1 (5.0) | 1 (10.0) |  |
| MiraLax (Over the counter preparation) | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 2 (20.0) |  |
| Other | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| Don’t remember | 1 (10.0) | 3 (60.0) |  |  | 2 (10.0) | 1 (10.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
| Not applicable (first colonoscopy) | 6 (60.0) | 1 (20.0) |  |  | 11 (55.0) | 3 (30.0) |  |
|  |  |  |  |  |  |  |  |
| 9. In comparison with your previous experience, how would you rate your tolerability of the current bowel preparation? |  |  | 0.06 |  |  |  | 0.11 |
| Worse than before | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 1 (10.0) |  |
| About the same as before | 0 (0.0) | 3 (60.0) |  |  | 1 (5.0) | 3 (30.0) |  |
| Better than before | 4 (40.0) | 1 (20.0) |  |  | 8 (40.0) | 3 (30.0) |  |
| It doesn’t apply to me ( first colonoscopy) | 6 (60.0) | 1 (20.0) |  |  | 11 (55.0) | 3 (30.0) |  |
| Not reported | 0 (0.0) | 0 (0.0) |  |  | 0 (0.0) | 0 (0.0) |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| aData are given as the number of patients (percent) or the sample median (IQR; 25th percentile-75th percentile). | | | | | | | |
| b The symptom score was calculated as the average of the individual symptoms (1=None, 2=Mild, 3=Moderate, and 4=Severe). | | | | | | | |
| c p-values are from Fisher's exact test. | | | | | | | |