**Supplementary Digital Content Table 1. Prespecified secondary outcomes with subscales after 12 weeks of stimulation sessionsa**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***PTNS*** | | | | | ***Sham*** | | | | | |  | | |
| ***Outcome Type*** | ***N*** | ***Baseline, mean (SD) or n/N (%)*** | ***N*** | ***12 Weeks, mean (SD) or n/N (%)*** | ***Difference, mean (SD)*** | | ***N*** | ***Baseline, mean (SD) or n/N (%)*** | ***N*** | ***12 Weeks, mean (SD) or n/N (%)*** | ***Difference, mean (SD)*** | | ***Difference in difference or Odds Ratio, 95% CI*** | ***P-value*** |
| **ABLe Scoresb** | | | | | | | | | | | | | | |
| Liquid | 111 | 2.8 (0.8) | 103 | 2.2 (1.0) | -0.5 (-0.7, -0.3) | | 55 | 3.0 (0.6) | 54 | 2.3 (1.1) | -0.6 (-0.9, -0.4) | | 0.11 (-0.22, 0.45) | 0.51 |
| Solid | 111 | 2.7 (0.9) | 103 | 2.1 (1.1) | -0.7 (-0.9, -0.5) | | 55 | 2.8 (0.7) | 54 | 2.1 (1.0) | -0.7 (-1.0, -0.4) | | -0.01 (-0.33, 0.32) | 0.97 |
| Mucus | 110 | 1.8 (1.3) | 103 | 1.1 (1.1) | -0.7 (-0.9, -0.5) | | 55 | 1.6 (1.2) | 54 | 1.1 (1.2) | -0.4 (-0.7, -0.1) | | -0.26 (-0.62, 0.11) | 0.16 |
| Gas | 111 | 3.5 (0.8) | 103 | 3.0 (1.0) | -0.4 (-0.6, -0.2) | | 55 | 3.1 (1.0) | 54 | 2.7 (1.2) | -0.4 (-0.6, -0.1) | | -0.04 (-0.35, 0.27) | 0.81 |
| Predictability/Awareness | 111 | 2.8 (0.7) | 103 | 2.5 (0.8) | -0.2 (-0.4, -0.1) | | 55 | 2.7 (0.7) | 54 | 2.8 (0.9) | 0.0 (-0.2, 0.2) | | -0.24 (-0.50, 0.01) | 0.06 |
| Control | 111 | 3.1 (0.8) | 103 | 2.5 (1.0) | -0.6 (-0.8, -0.4) | | 55 | 3.1 (0.8) | 54 | 2.5 (1.0) | -0.6 (-0.8, -0.3) | | -0.01 (-0.32, 0.30) | 0.96 |
| Ancillary Bowel  Symptoms | 111 | 2.4 (0.8) | 103 | 1.7 (0.9) | -0.7 (-0.9, -0.5) | | 55 | 2.2 (0.8) | 54 | 1.8 (0.9) | -0.4 (-0.6, -0.2) | | -0.29 (-0.57, -0.01) | 0.04 |
|  | | | | | | | | | | | | | | |
| **FIQL Scoresc** | | | | | | | | | | | | | | |
| Lifestyle | 111 | 2.5 (0.9) | 102 | 3.1 (0.7) | 0.6 (0.5, 0.7) | | 55 | 2.7 (0.9) | 54 | 3.1 (0.9) | 0.3 (0.2, 0.5) | | 0.26 (0.03, 0.48) | 0.02 |
| Coping/Behavior | 111 | 1.8 (0.6) | 102 | 2.4 (0.8) | 0.6 (0.5, 0.7) | | 55 | 1.8 (0.7) | 54 | 2.3 (0.8) | 0.5 (0.3, 0.6) | | 0.14 (-0.08, 0.36) | 0.20 |
| Depression/Self-  Perception | 111 | 2.9 (0.9) | 102 | 3.4 (0.8) | 0.4 (0.3, 0.6) | | 55 | 3.2 (0.9) | 54 | 3.4 (0.8) | 0.2 (0.0, 0.4) | | 0.24 (0.03, 0.44) | 0.02 |
| Embarrassment | 111 | 1.9 (0.6) | 102 | 2.6 (0.8) | 0.7 (0.5, 0.8) | | 55 | 2.0 (0.7) | 53 | 2.4 (0.9) | 0.4 (0.2, 0.6) | | 0.24 (0.00, 0.47) | 0.05 |
|  | | | | | | | | | | | | | | |
| **MMHQ Scoresd** | | | | | | | | | | | | | | |
| Incontinence Impact | 111 | 70.5 (26.4) | 103 | 53.2 (25.6) | -15.2 (-20.7, -9.6) | | 55 | 66.4 (24.6) | 52 | 51.9 (29.2) | -13.4 (-21.0, -5.9) | | -1.76 (-10.75, 7.23) | 0.70 |
| Role Limitations | 109 | 36.6 (29.5) | 103 | 18.7 (22.5) | -16.6 (-21.9, -11.3) | | 54 | 25.5 (25.2) | 53 | 17.2 (23.9) | -8.6 (-15.8, -1.5) | | -7.97 (-16.54, 0.60) | 0.07 |
| Physical Limitations | 109 | 44.6 (32.5) | 102 | 24.3 (28.3) | -18.8 (-23.7, -13.9) | | 54 | 37.3 (28.9) | 53 | 25.9 (26.3) | -9.7 (-16.3, -3.0) | | -9.12 (-17.07, -1.16) | 0.03 |
| Social Limitations | 111 | 34.0 (31.7) | 102 | 18.9 (22.9) | -13.6 (-18.9, -8.3) | | 55 | 23.7 (29.3) | 53 | 15.3 (22.9) | -7.1 (-14.3, 0.1) | | -6.48 (-15.06, 2.10) | 0.14 |
| Personal Relationships | 82 | 33.5 (34.3) | 75 | 24.3 (30.5) | -4.6 (-11.7, 2.4) | | 37 | 38.2 (36.6) | 35 | 27.1 (32.7) | -10.4 (-19.8, -1.1) | | 5.80 (-5.53, 17.14) | 0.31 |
| Emotional Function | 109 | 42.9 (31.9) | 103 | 28.2 (25.7) | -14.4 (-19.2, -9.5) | | 55 | 33.6 (29.2) | 52 | 26.0 (25.0) | -6.4 (-13.0, 0.2) | | -7.96 (-15.82, -0.09) | 0.05 |
| Sleep/Energy | 109 | 24.9 (26.2) | 100 | 14.0 (19.2) | -11.5 (-15.9, -7.0) | | 54 | 22.2 (26.7) | 52 | 13.5 (18.8) | -7.5 (-13.5, -1.4) | | -4.00 (-11.22, 3.21) | 0.28 |
| Severity Measures | 110 | 60.3 (24.3) | 102 | 42.6 (25.5) | -16.7 (-21.0, -12.4) | | 52 | 61.4 (19.3) | 52 | 50.3 (22.1) | -10.9 (-16.8, -5.0) | | -5.80 (-12.80, 1.20) | 0.10 |
|  | | | | | | | | | | | | | | |
| **PAC-SYM Scorese** | | | | | | | | | | | | | | |
| PAC-SYM Total | 111 | 1.1 (0.7) | 103 | 0.8 (0.6) | -0.3 (-0.4, -0.2) | | 55 | 1.0 (0.8) | 54 | 0.8 (0.7) | -0.2 (-0.4, 0.0) | | -0.11 (-0.32, 0.10) | 0.30 |
|  | | | | | | | | | | | | | | |
| **PISQ-IR Scoresf** | | | | | | | | | | | | | | |
| **Not Sexually Active** | | | | | | | | | | | | | | |
| Partner Related | 57 | 2.2 (1.0) | 47 | 2.3 (1.0) | 0.1 (-0.2, 0.4) | | 31 | 2.2 (0.8) | 31 | 2.0 (0.9) | -0.1 (-0.4, 0.3) | | 0.17 (-0.29, 0.62) | 0.47 |
| Condition Specific | 56 | 2.8 (0.8) | 44 | 3.2 (0.8) | 0.2 (-0.1, 0.5) | | 31 | 2.9 (0.9) | 31 | 3.2 (0.8) | 0.2 (-0.2, 0.5) | | 0.04 (-0.42, 0.50) | 0.87 |
| Global Quality | 57 | 2.5 (1.2) | 45 | 2.8 (1.2) | 0.4 (0.1, 0.6) | | 30 | 2.8 (1.2) | 31 | 3.2 (1.3) | 0.2 (-0.1, 0.5) | | 0.16 (-0.25, 0.56) | 0.45 |
| Condition Impact | 55 | 2.6 (1.1) | 45 | 3.0 (1.1) | 0.3 (0.0, 0.6) | | 30 | 2.7 (1.1) | 31 | 3.1 (1.0) | 0.1 (-0.2, 0.5) | | 0.19 (-0.23, 0.60) | 0.37 |
| **Sexually Active** |  |  |  |  |  | |  |  |  |  |  | |  |  |
| Arousal/Orgasm | 52 | 3.5 (0.8) | 54 | 3.6 (0.7) | 0.2 (0.0, 0.4) | | 24 | 3.1 (0.8) | 22 | 3.3 (0.7) | 0.2 (-0.1, 0.5) | | -0.06 (-0.36, 0.23) | 0.67 |
| Partner Related | 51 | 3.3 (0.8) | 51 | 3.4 (0.6) | 0.1 (-0.1, 0.3) | | 22 | 3.2 (0.8) | 21 | 3.3 (0.6) | 0.0 (-0.3, 0.3) | | 0.14 (-0.15, 0.42) | 0.34 |
| Condition Specific | 52 | 4.0 (1.1) | 53 | 4.3 (0.9) | 0.4 (0.1, 0.7) | | 23 | 3.6 (1.0) | 22 | 4.1 (0.9) | 0.6 (0.1, 1.0) | | -0.15 (-0.63, 0.33) | 0.53 |
| Global Quality | 52 | 3.3 (1.2) | 54 | 3.6 (1.2) | 0.3 (-0.1, 0.6) | | 24 | 2.9 (1.3) | 22 | 3.2 (1.1) | 0.5 (0.0, 1.0) | | -0.21 (-0.72, 0.31) | 0.43 |
| Condition Impact | 52 | 2.8 (1.0) | 54 | 3.2 (0.9) | 0.3 (0.0, 0.6) | | 24 | 2.6 (1.0) | 22 | 2.9 (1.0) | 0.3 (-0.1, 0.7) | | -0.01 (-0.40, 0.39) | 0.97 |
| Summary | 51 | 3.3 (0.7) | 51 | 3.5 (0.7) | 0.2 (0.0, 0.4) | | 22 | 3.0 (0.7) | 21 | 3.3 (0.7) | 0.3 (0.0, 0.5) | | -0.09 (-0.36, 0.18) | 0.52 |
|  | | | | | | | | | | | | | | |
| **SF-12 Scoresg** | | | | | | | | | | | | | | |
| Aggregate Physical | 103 | 44.0 (10.7) | 97 | 47.0 (10.2) | 2.5 (0.5, 4.5) | | 53 | 45.0 (11.6) | 52 | 47.6 (10.2) | 2.1 (-0.5, 4.6) | | 0.42 (-2.66, 3.51) | 0.79 |
| Aggregate Mental | 103 | 40.6 (8.4) | 97 | 41.3 (8.5) | 2.0 (-0.5, 4.6) | | 53 | 41.8 (9.6) | 52 | 40.8 (8.5) | 0.2 (-3.0, 3.4) | | 1.84 (-1.99, 5.68) | 0.34 |
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Abbreviations:

ABLe, Accidental Bowel Leakage Evaluation; FIQL, Fecal Incontinence Quality of Life questionnaire; MMHQ, Modified Manchester questionnaire; PAC-SYM, Patient Assessment of Constipation-Symptoms questionnaire; PISQ-IR, Pelvic Organ Prolapse/Urinary Incontinence Sexual Questionnaire; SF-12 , 12-Item Short-Form Health Survey

a Difference from baseline, difference in difference, and P-values are derived from longitudinal treatment models that accounted for multiple observations per participant and were adjusted for time since baseline, interaction between treatment and time and clinical site.

b The ABLe subscale scores range from 0 to 4 with higher scores indicating greater condition severity.

c The FIQL subscale scores range from 1 to 5 with higher scores indicating greater functional status of quality of life.

d The MMHQ subscale scores range from 0 to 100 with higher scores indicating greater condition severity.

e The PAC-SYM score ranges from 0 to 4 with higher scores indicating greater condition severity.

f The PISQ-IR subscale scores range from 1 to 4 or 5 with higher scores indicating greater sexual function.

g The SF-12 subscale scores are centered around 50 with higher scores indicating greater physical or mental health.