**Table 8** (Supplemental). Treatment effect on secondary outcomes at month 1 postoperatively \*

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| --- | --- | --- | --- | --- |
| **Secondary outcomes** | **Stimulation**  **(N=30)** | **Sham (Placebo)**  **(N=33)** | **Difference in means (Stimulation – Sham )\***  **(95%CI)** | **P-value** |
| **Brief Pain Inventory** |  |  |  |  |
| Worst pain score | 2.6 ± 2.4 | 2.7 ± 2.8 | 0.1 (-1.2, 1.5) | 0.843 |
| Average pain score | 0.5 ± 0.8 | 1.3 ± 1.8 | -0.6 (-1.3, 0.1) | 0.098 |
| Least pain score | 0.1 ± 0.3 | 0.5 ± 1.0 | -0.4 (-0.8, -0.02) | 0.040 |
| Current score | 0.3 ± 0.8 | 1.0 ± 1.8 | -0.7 (-1.4, 0.04) | 0.063 |
| Total Severity score | 3.5 ± 3.6 | 5.4 ± 6.6 | -1.5 (-4.2, 1.2) | 0.258 |
| Total interference score | 4.0 ± 7.7 | 6.2 ± 10.4 | -1.5 (-6.3, 3.4) | 0.543 |
| Defense and Veterans Pain Rating Scale | 1.3 ± 1.4 | 1.5 ± 2.0 | -0.05 (-0.9, 0.8) | 0.913 |
| Improvement from pain treatments (%) a | 85 ± 27 | 82 ± 31 | 1.8 (-15, 19) | 0.883 |
| **WHO Quality of Life Instrument** |  |  |  |  |
| Overall quality of life | 4.5 ± 0.8 | 4.4 ± 0.9 | 0.04 (-0.4, 0.5) | 0.846 |
| General health of life | 4.3 ± 0.8 | 3.8 ± 1.2 | 0.3 (-0.2, 0.8) | 0.264 |
| Physical health | 57.7 ± 13.2 | 54.3 ± 11.5 | 2.3 (-3.4, 7.9) | 0.426 |
| Psychological | 78.8 ± 7.8 | 74.4 ± 11.0 | 4.0 (-0.9, 8.8) | 0.108 |
| Social Relations | 91.4 ± 12.5 | 87.4 ± 17.8 | 4.1 (-3.2, 11) | 0.266 |
| Environment | 76.1 ± 8.9 | 72.4 ± 12.7 | 3.4 (-1.0, 7.7) | 0.129 |
| **Sensitivity analysis:** |  |  | **Median difference\*\*** |  |
| **Brief Pain Inventory** |  |  |  |  |
| Worst pain score | 3.0 [ 0, 4.0] | 2.0 [ 0, 4.0] | 0 (-1.0, 1.0) | 0.711 |
| Average pain score | 0 [ 0, 0.5] | 0 [ 0, 2.0] | 0 (-0.5, 0.0) | 0.132 |
| Least pain score | 0 [ 0, 0] | 0 [ 0, 0] | 0 (0.0, 0.0) | 0.072 |
| Current score | 0 [ 0, 0] | 0 [ 0, 1.5] | 0 (0.0, 0.0) | 0.077 |
| Total Severity score | 3.0 [ 0, 5.0] | 2.0 [ 0, 8.5] | 0 (-3.0, 1.0) | 0.677 |
| Total interference score | 0.5 [0, 4.5] | 1.0 [0, 7.0] | 0 (-3.0, 0.0) | 0.808 |
| Defense and Veterans Pain Rating Scale | 1.0 [ 0, 2.0] | 1.0 [ 0, 3.0] | 0 (-1.0, 1.0) | 0.847 |
| Improvement from pain treatments (%) a | 94 [85, 100] | 94 [85, 100] | 0 (-5, 5) | 0.753 |
| **WHO Quality of Life Instrument** |  |  |  |  |
| Overall quality of life | 5.0 [4.0, 5.0] | 5.0 [4.0, 5.0] | 0.0 (0.0, 0.0) | 0.717 |
| General health of life | 4.0 [4.0, 5.0] | 4.0 [3.0, 5.0] | 0.0 (0.0, 1.0) | 0.136 |
| Physical health | 60.7 [50.0, 67.9] | 53.6 [50.0, 60.7] | 3.6 (-3.6, 10.7) | 0.407 |
| Psychological | 83.3 [75.0, 83.3] | 75.0 [70.8, 83.3] | 4.2 (0.0, 8.3) | 0.113 |
| Social Relations | 100 [83, 100] | 100 [75, 100] | 0.0 (0.0, 0.0) | 0.746 |
| Environment | 79.7 [68.8, 84.4] | 75.0 [65.6, 84.4] | 0.0 (-3.1, 9.4) | 0.459 |
| **Postop day 1: Do you think you are receiving treatment** | 29 (97%) | 22 (96%) | 1.1 (0.3, 4.6)+ | 0.99 |
| Data are presents as mean ± SD or median [IQR].  \* Difference in means (95% CI) the stimulation vs. sham (placebo) was estimated from multivariable regression adjusting for baseline and imbalanced surgical side except for improvement from pain treatments (%) (i.e, 80% missing baseline).  \*\* Median difference was estimated from Wilcoxon rank sum test stratified by surgical location and the Hodges-Lehmann estimator of location shift between groups.  a 11missing data points.  + relative risk. | | | | |