**Table D** (Supplemental). Univariable comparison of treatment effect on secondary outcomes within 7-days postoperatively\*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **BPI outcomes during 7 postop days** | **Stimulation** **(N=31)** | **Sham (Placebo)** **(N=34)** | **Median difference** **(Stimulation - Sham)**  | **P-value**  |
| **BPI Worst pain score**  |
| Overall | 2.8 [1.2, 4.5] | 5.7 [4.4, 6.9] | -2.8 (-3.8, -1.8) | <0.001 |
|  POD 1 | 4 [0, 6] | 8 [3, 9] | -3.0 (-4.0, -0.5) | 0.016 |
|  POD 2 | 4 [2, 6] | 8 [5, 9] | -3.0 (-4.5, -2.0) | <0.001 |
|  POD 3 | 3 [0, 4] | 6 [4, 8] | -3.0 (-5.0, -2.0) | <0.001 |
|  POD 4 | 1 [0, 4] | 4 [3, 7] | -3.0 (-4.0, -2.0) | <0.001 |
|  POD 7 | 2 [0, 4] | 4 [3, 5] | -2.0 (-3.0, -1.0) | 0.003 |
| **Least pain score** |  |  |  |  |
|  Overall | 0 [0, 0] | 0.5 [0, 1.5] | -0.3 (-1.0, 0.0) | 0.002 |
|  POD 3 | 0 [0, 0] | 0.8 [0, 2.5] | -0.5 (-2.0, -0.01) | <0.001 |
|  POD 7 | 0 [0, 0] | 0 [0, 0] | 0 (0, 0) | 0.372 |
| **Current pain score** |  |  |  |
|  Overall | 0 [0, 1] | 1 [1, 3] | -1.0 (-2.0, -0.5) | <0.001 |
|  POD 3 | 0 [0, 1] | 2 [0, 3] | -2.0 (-2.0, -0.5) | <0.001 |
|  POD 7 | 0 [0, 0] | 1 [0, 2] | -0.5 (-1.0, 0.0) | 0.011 |
| **Total Severity score** |  |  |  |
|  Overall | 3 [0, 5] | 9 [6, 14] | -6.0 (-8.3, -3.8) | <0.001 |
|  POD 3 | 4 [0, 7] | 12 [8, 16] | -8.0 (-11.0, -5.0) | <0.001 |
|  POD 7 | 2 [0, 5] | 6 [4, 11] | -4.0 (-6.0, -1.5) | 0.001 |
| **Total interference score** |  |  |  |
|  Overall | 0 [0,4] | 20 [6, 36] | -18 (-25, -8) | <0.001 |
|  POD 3 | 0 [0, 4] | 24 [5, 38] | -21 (-28, -10) | <0.001 |
|  POD 7 | 0 [0, 3] | 15 [4, 33] | -13 (-21, -7) | <0.001 |
| **Defense and Veterans Pain Rating Scale** |  |
|  Overall | 1 [0, 2] | 3 [2, 5] | -2.0 (-3, -1) | <0.001 |
|  POD 3 | 1 [0, 3] | 4 [2, 5] | -3.0 (-4, -2) | <0.001 |
|  POD 7 | 1 [0, 1] | 3 [1, 4] | -2.0 (-3, -1) | 0.005 |
| **Improvement from pain treatments (%)** |  |  |
|  Overall | 95 [90, 100] | 80 [60, 90] | 15 (8, 25) | <0.001 |
|  POD 3 | 95 [90, 100] | 75 [50, 90] | 20 (10, 30) | <0.001 |
|  POD 7 | 96 [90, 100] | 87 [70, 95] | 10 (5, 18) | <0.001 |
| Data are presents as median [IQR]. Average scores over 7 days of each patient were used to summarize overall median [IQR] by groups.\* Median difference was estimated from the Hodges-Lehmann estimator of location shift between groups, and P values from Wilcoxon rank sum test stratified by surgical location. |