**Table S1: Comparisons of demographic and clinical characteristics between active and sham groups at baseline (N=26)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | | | **Active Group**  **n=13**  **n (%)/ Mean (SD)** | **Sham Group**  **n=13**  **n (%)/ Mean (SD)** | **χ2/t/U** | **df/z** | **p** |
| Age (years) | | | 32.84 (9.55) | 30.69 (9.94) | 0.564 | 24 | 0.578 |
| Education (years) | | | 11.85 (2.88) | 11.31 (4.73) | 81.00U | -0.188 | 0.880 |
| Gender | Male | | 7(53.8) | 7(53.8) | 0.00 | 1 | 1.00 |
| Female | | 6(46.2) | 6(46.2) |
| Marital  Status | Married | | 6(46.2) | 6(46.2) | 0.00 | 1 | 1.00 |
| Unmarried | | 7(53.8) | 7(53.8) |
| Religion | Hindu | | 11(84.6) | 12(93.3) | 0.377 | 1 | 1.00 |
| Others | | 2(15.4) | 1(7.7) |
| Occupation | Unemployed | | 11(84.6) | 12(92.3) | 0.000y | 1 | 1.00 |
| Employed | | 2(15.4) | 1(7.7) |
| Habitat | Rural | | 7(53.8) | 8(61.5) | 0.158 | 1 | 1.00 |
| Urban | | 6(46.2) | 5(38.5) |
| Family income (in INR) | < 5,000 | | 0(0.0) | 1(7.7) | 4.787f | - | 0.164 |
| 5,000-10,000 | | 6(46.2) | 3(23.1) |
| 10,000-20,000 | | 6(46.2) | 4(30.8) |
| > 20,000 | | 1(7.7) | 5(38.5) |
| Age of onset (years) | | | 22.85 (4.96) | 22.69 (5.72) | 77.500U | -0.365 | 0.724 |
| Duration of illness (years) | | | 9.46 (8.30) | 7.69 (8.54) | 81.500U | -0.155 | 0.880 |
| HAM-D | | | 10.54 (4.89) | 14.08 (5.54) | -1.725 | 24 | 0.097 |
| HAM-A | | | 10.38 (5.19) | 13.77 (5.57) | -1.603 | 24 | 0.122 |
| YBOCS total | | | 28.54 (6.12) | 29.69 (5.53) | 73.000U | -0.596 | 0.579 |
| YBOCS clinical response | | Yes | 3 (18.75) | 0 (0.00) | 1.50b | 1 | 0.220 |
| No | 10 (81.25) | 13 (100.00) |
| YBOCS obsession | | | 14.53 (2.21) | 15.07 (2.39) | -0.594 | 24 | 0.558 |
| YBOCS compulsion | | | 14.46 (3.12) | 14.61 (3.17) | 82.500U | -0.104 | 0.920 |
| CGI-S |  | | 5.08 (0.76) | 4.92 (0.64) | 0.558 | 24 | 0.582 |
| CGI-C |  | | 4.000 (0.000) | 4.000 (0.000) | - | - | - |
| CGI-C clinical response | Yes | | 4 (30.76) | 1 (7.69) | 0.99b | 1 | 0.320 |
| No | | 9 (69.23) | 12 (92.30) |

HAMD- Hamilton Rating Scale for Depression, HAMA- Hamilton Rating Scale for Anxiety, YBOCS- Yale Brown Obsessive Compulsive Scale, CGI- Clinical Global Impression (S- severity, C- clinical change), \*p<0.05, \*\*p<0.01, f= Fisher’s exact test, y= Yate’s continuity correction, df= degree of freedom. U=Mann-Whitney U test

**Table S2: Repeated measure ANOVA comparisons of YBOCS, HAM-D, HAM-A, CGI-S and CGI-I between active and sham groups over time (N=26)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Time** | **Active(n=13)**  **Mean (SD)** | **Sham (n=13)**  **Mean (SD)** | **F** | **p** | **ηp2** | **Observed Power** |
| YBOCS  (Obsession) | Baseline | 14.538 (2.221) | 15.076 (2.396) | 9.707 | **<0.001\*\*\*** | 0.288 | 0.976 |
| Week 3 | 10.615 (3.428) | 13.538 (3.281) |
| Week 8 | 11.076 (3.796) | 14.000 (3.265) |
| YBOCS  (Compulsion) | Baseline | 14.461 (3.125) | 14.615 (3.176) | 6.276 | **0.004\*\*** | 0.207 | 0.877 |
| Week 3 | 10.846 (3.844) | 13.076 (3.569) |
| Week 8 | 11.076 (3.817) | 13.615 (3.452) |
| YBOCS  Total | Baseline | 28.538 (6.118) | 29.692 (5.528) | 5.716 | **0.011\*** | 0.192 | 0.771 |
| Week 3 | 22.076 (6.061) | 28.076 (6.626) |
| Week 8 | 22.307 (5.99) | 28.076 (6.626) |
| CGI-S | Baseline | 5.076 (0.759) | 4.923 (0.640) | 7.895 | **0.010\*\*** | 0.248 | 0.769 |
| Week 3 | 4.000 (1.290) | 4.615 (1.043) |
| Week 8 | 4.000 (1.290) | 4.615 (1.043) |
| CGI-C | Baseline | 4.000 (0.000) | 4.000 (0.000) | 7.895 | **0.010\*\*** | 0.248 | 0.769 |
| Week 3 | 2.923 (0.759) | 3.692 (0.630) |
| Week 8 | 2.923 (0.759) | 3.692 (0.630) |
| HAMD | Baseline | 10.538 (4.89) | 14.076 (5.544) | 6.942 | **0.014\*** | 0.224 | 0.909 |
| Week 3 | 6.615 (3.500) | 12.615 (5.766) |
| Week 8 | 6.615 (3.477) | 12.615 (5.766) |
| HAMA | Baseline | 10.384 (5.188) | 13.769 (5.570) | 1.751 | 0.196 | 0.068 | 0.276 |
| Week 3 | 7.076 (5.267) | 11.769 (5.717) |
| Week 8 | 7.307 (5.266) | 11.615 (5.937) |

HAMD- Hamilton Rating Scale for Depression, HAMA- Hamilton Rating Scale for Anxiety, YBOCS- Yale Brown Obsessive Compulsive Scale, CGI- Clinical Global Impression (S- severity, C- clinical change), \*p<0.05, \*\*p<0.01