**Supplemental Table 1. Study data**

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| --- | --- | --- | --- | --- | --- |
| Outcome | Choice(Mean (95% CI)) | No Choice(Mean (95% CI)) | White Board(Mean (95% CI)) | Artwork vs. no artwork p-value | Choice vs. no choice p-value |
| Anxiety score at discharge\* | 37.32 (35.28-39.36) | 37.78 (35.66-39.90) | 37.27 (34.58-39.96) | 0.86 | 0.76 |
| Length of stay\*\* | 6.0 (4.0, 12.0) | 6.0 (5.0, 9.5) | 9.5 (5.0, 20.0) | 0.05 | 0.93 |
| Pain\*\*\* | 2.02 (1.49-2.55) | 1.67 (1.13-2.20) | 1.90 (1.23-2.57) | 0.89 | 0.37 |
| Room assessment Interesting/BoringCheerful/GloomyFresh air/Stale airUncrowded/CrowdedColorful/Drab-dullCalming/HecticPleasant/UnpleasantQuiet/NoisySpacious/ConfinedAttractive/UglySafe/FrighteningComfortable/UncomfortableStill/DraftyNeat/MessyUninvasive/InvasiveOrnate/PlainTasteful/TackySatisfied/Unsatisfied | 3.42 (3.15, 3.69)3.79 (3.54, 4.04)3.93 (3.67, 4.19)3.31 (2.97, 3.64)3.18 (2.88, 3.47)3.77 (3.51, 4.03)3.92 (3.68, 4.15)3.38 (3.05, 3.72)2.79 (2.48, 3.11)3.54 (3.31, 3.77)4.28 (4.01, 4.55)3.92 (3.65, 4.19)3.71 (3.44, 3.97)3.91 (3.62, 4.19)3.82 (3.57, 4.08)2.85 (2.60, 3.10)3.76 (3.52, 4.00)8.45 (8.06, 8.84) | 3.26 (3.03, 3.50)3.74 (3.48, 4.00)3.62 (3.34, 3.91)3.45 (3.17, 3.73)3.32 (3.03, 3.61)3.67 (3.41, 3.92)4.00 (3.77, 4.23)3.72 (3.41, 4.04)3.19 (2.91, 3.47)3.62 (3.40, 3.85)4.35 (4.08, 4.61)4.09 (3.83, 4.35)3.81 (3.60, 4.02)4.15 (3.92, 4.38)3.86 (3.62, 4.09)2.68 (2.44, 2.92)3.70 (3.45, 3.94)8.46 (8.02, 8.90) | 2.74 (2.38, 3.11)3.53 (3.26, 3.81)4.05 (3.70, 4.39)3.39 (2.90, 3.88)2.76 (2.38, 3.13)3.51 (3.17, 3.86)3.60 (3.27, 3.93)3.79 (3.34, 4.23)2.86 (2.45, 3.27)3.09 (2.77, 3.42)4.19 (3.84, 4.53)3.85 (3.51, 4.20)3.52 (3.15, 3.90)4.00 (3.66, 4.34)3.56 (3.19, 3.92)2.24 (1.84, 2.64)3.30 (3.02, 3.58)8.41 (7.82, 9.01) | 0.0020.200.190.950.0260.290.0440.340.580.0050.510.460.210.910.140.0070.0160.90 | 0.380.770.110.520.490.580.610.140.070.610.740.370.540.190.860.330.720.99 |
| ET anger\*\*\*\*ET anxiety ET depressionET distressET QOLET score | 1.00 (0.65-1.36)2.59 (2.17-3.00)1.64 (1.31-1.98)2.41 (1.94-2.87)6.63 (6.15-7.11)1.91 (1.60-2.23) | 0.97 (0.60-1.33)2.51 (2.08-2.94)1.42 (1.08-1.76)2.18 (1.71-2.66)6.70 (6.21-7.19)1.80 (1.48-2.12) | 0.92 (0.49-1.35)2.58 (2.07-3.09)1.18 (0.77-1.58)2.26 (1.68-2.84)6.39 (5.81-6.98)1.72 (1.34-2.11) | 0.790.920.120.910.410.53 | 0.950.770.310.490.820.60 |
| CS control\*\*\*\*CS influenceCS powerCS hopeless/hopefulCS irritable/cheerfulCS sad/happyCS tense/calmCS score | 6.66 (6.18-7.14)6.69 (6.27-7.10)7.05 (6.63-7.46)7.60 (7.20-8.00)7.33 (6.88-7.78)7.24 (6.86-7.62)6.91 (6.45-7.38)7.09 (6.81-7.38) | 6.45 (5.95-6.94)6.91 (6.48-7.34)7.14 (6.72-7.56)7.92 (7.51-8.32)7.31 (6.85-7.77)7.30 (6.91-7.69)7.04 (6.57-7.51)7.09 (6.80-7.38) | 6.26 (5.65-6.87)6.79 (6.27-7.31)6.58 (6.06-7.09)8.32 (7.83-8.81)7.04 (6.49-7.59)7.11 (6.64-7.59)6.63 (6.07-7.20)6.95 (6.60-7.30) | 0.390.990.070.0370.370.560.280.47 | 0.520.480.810.250.970.840.660.98 |

\*Adjusted for score at admission

\*\*Median and quartiles reported along with Kruskal-Wallis test due to skewed distribution

\*\*\*Adjusted for pain tolerance and whether intervention for pain was used

\*\*\*\* ET and CS items were adjusted for baseline score and time