

APPENDIX IV

Table 1. Comparison of pre-intervention and post-intervention survey scores; all participants.

| Comparison of Pre-test & Post-test scores - ALL PARTICIPANTS | | | | |
|--|---|--|--|-----------|
| Scenario | NINT Mean VAS Score N=34 (95% CI; Std Dev) | INT Mean VAS Score N=23 (95% CI; Std Dev) | Difference in mean VAS Scores (absolute value), (95% CI; Std Dev) | p-value |
| 1 MDD | 48.71 (37.13 60.28; 33.18) | 62 (49.71 74.29; 28.43) | 13.3 (-30.26 3.68; 31.37) | 0.12** |
| 2 MDDpTX* | 50 (38.25 61.75; 33.67) | 60.96 (50.73 71.19; 23.65) | 10.96 (-27.22 5.31; 30.06) | 0.18** |
| 3 SCZ | 37.12 (26.80 47.43; 29.57) | 50.87 (37.49 64.25; 30.94) | 13.75 (-30.05 2.55; 30.12) | 0.10** |
| 4 PARANOID | 56.41 (47.25 65.58; 26.26) | 61.43 (51.23 71.64; 23.60) | 5.02 (-18.68 8.63; 25.23) | 0.46 |
| 5 SAFD | 54.62 (44.50 64.73; 28.98) | 56.00 (44.95 67.05; 25.55) | 1.38 (-16.34 13.58; 27.66) | 0.85 |
| 6 SAFD Ptx | 43.62 (32.66 54.58; 31.41) | 46.22 (34.51 57.93; 27.07) | 2.59 (-18.70 13.50; 29.75) | 0.75 |
| 7 BPAD | 40.71 (30.94 50.48; 28.00) | 52.78 (40.83 64.74; 27.64) | 12.08 (-27.15 3.00; 27.86) | 0.11** |
| 8 CRIMINAL | 15.62 (7.76 23.47; 22.51) | 60.13 (48.15 72.11; 27.71) | 44.51 (-57.89 -31.14; 24.72) | <0.0001** |
| 9 GAD | 47.29 (36.00 58.59; 32.37) | 57.61 (45.90 69.32; 27.07) | 10.31 (-26.74 6.11; 30.36) | 0.21 |
| 10 ISI* | 70.76 (61.82 79.71; 25.64) | 72.65 (62.89 82.41; 22.57) | 1.89 (-15.12 11.34; 24.46) | 0.77 |

Table 2. Comparison of pre-intervention and post-intervention survey scores; residents only.

| Comparison of Pre-test & Post-test scores - RESIDENTS Only | | | | |
|--|---|---|--|---------|
| Scenario | NINT Mean VAS Score N=12 (95% CI; Std Dev) | INT Mean VAS Score N=7 (95% CI; Std Dev) | Difference in mean VAS Scores (absolute value), (95% CI; Std Dev) | p-value |
| 1 MDD | 41 (23.55 58.45; 27.46) | 50.29 (33.49 67.08; 18.16) | 9.29 (-33.95 15.38; 24.58) | 0.44 |
| 2 MDDpTX* | 48.58 (32.64 64.53; 25.09) | 56.14 (37.80 74.49; 19.84) | 7.56 (-31.01 15.89; 23.37) | 0.51 |
| 3 SCZ | 32.75 (21.55 43.95; 17.62) | 46.29 (29.50 63.08; 18.15) | 13.54 (-31.40 4.34; 17.81) | 0.13** |
| 4 PARANOID | 42.00 (27.01 56.99; 23.59) | 53.29 (35.96 70.61; 18.73) | 11.29 (-33.36 10.79; 22.00) | 0.30 |
| 5 SAFD | 44.25 (27.12 61.38; 26.96) | 53.57 (35.77 71.38; 19.25) | 9.32 (-33.92 15.28; 24.52) | 0.44 |
| 6 SAFD Ptx | 33.75 (20.25 47.25; 21.25) | 52.00 (32.80 71.20; 20.76) | 18.25 (-39.40 2.90; 21.08) | 0.09** |
| 7 BPAD | 35.83 (24.92 46.74; 17.17) | 51.43 (33.78 69.08; 19.09) | 15.60 (-33.53 2.34; 17.87) | 0.08** |
| 8 CRIMINAL | 20.17 (7.38 32.98; 20.18) | 50.71 (35.99 65.44; 15.92) | 30.55 (-49.39 -11.71; 18.78) | 0.003** |
| 9 GAD | 37.08 (22.17 52.00; 23.47) | 41.43 (26.57 56.29; 16.07) | 4.35 (-25.57 16.88; 21.16) | 0.67 |
| 10 ISI* | 64.00 (49.10 78.90; 23.45) | 62.14 (42.60 81.69; 21.13) | 1.86 (-20.88 24.59; 22.68) | 0.87 |

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Table 3. Comparison of pre-intervention and post-intervention survey scores; attendings only.

| Comparison of Pre-test & Post-test scores - ATTENDINGS Only | | | | |
|---|---|--|--|---------------------|
| Scenario | NINT Mean VAS Score N=22 (95% CI; Std Dev) | INT Mean VAS Score N=16 (95% CI; Std Dev) | Difference in mean VAS Scores (absolute value), (95% CI; Std Dev) | p-value |
| 1 MDD | 54.76 (38.56 70.97; 35.60) | 67.13 (50.60 83.65; 31.01) | 12.36 (-35.07 10.35; 33.71) | 0.28 |
| 2 MDDpTX* | 48.43 (31.43 65.43; 37.35) | 63.06 (49.51 76.62; 25.44) | 14.63 (-38.72 7.45; 32.78) | 0.19** |
| 3 SCZ | 41.33 (25.72 58.94; 34.30) | 52.88 (33.97 71.78; 35.47) | 11.54 (-34.99 11.91; 34.81) | 0.32 |
| 4 PARANOID | 65.00 (53.60 78.40; 25.04) | 65.00 (51.60 78.40; 25.14) | 0.00 (-16.90 16.90; 25.09) | 1.00 |
| 5 SAFD | 60.76 (47.25 74.27; 29.68) | 57.06 (41.94 72.18; 28.38) | 3.70 (-15.92 23.32; 29.13) | 0.70 |
| 6 SAFD Ptx | 47.57 (31.53 63.61; 35.24) | 43.69 (27.88 59.50; 29.67) | 3.88 (-18.33 28.09; 32.97) | 0.72 |
| 7 BPAD | 43.05 (27.90 58.20; 33.28) | 53.38 (36.75 70.00; 31.20) | 10.33 (-32.16 11.50; 32.41) | 0.34 |
| 8 CRIMINAL | 13.71 (2.70 24.73; 24.20) | 64.25 (47.70 80.80; 31.06) | 50.54 (-68.97 -32.11; 27.35) | <0.0001** |
| 9 GAD | 50.62 (34.77 66.47; 34.83) | 64.69 (49.65 79.72; 28.22) | 14.07 (-35.73 7.80; 32.16) | 0.20** |
| 10 ISI* | 75.62 (63.51 87.73; 26.61) | 77.25 (65.40 89.10; 22.23) | 1.63 (-18.36 15.10; 24.83) | 0.84 |

Table 4. Comparison of pre-intervention and post-intervention summary scores.

| Comparison of Pre-test & Post-test scores - SUMMARY SCORES*** - Mean Values | | | | |
|---|--|---|--|----------------|
| | NINT Mean VAS Summary Score (95% CI; Std Dev) | INT Mean VAS Summary Score (95% CI; Std Dev) | Difference in Mean VAS Summary Scores (absolute value), (95% CI; Std Dev) | P-value |
| Attendings (Pre-test N=21, Post-test N=16) | 500.9 (440.8 560.9; 131.9) | 608.4 (515.7 701.1; 173.9) | 107.5 (-209.5 -5.6; 151.4) | 0.039** |
| Residents (Pre-test N=12, Post-test N=7) | 399.4 (354.3 444.5; 70.9) | 517.3 (414.1 620.5; 111.6) | 117.9 (-205.6 -30.1; 87.5) | 0.012** |
| All (Pre-test N=33, Post-test N=23) | 464.9 (422.6 507.1; 121.0) | 580.7 (511.1 650.2; 160.8) | 115.8 (-190.6 -41.0; 138.3) | 0.003** |

Comfort Levels of EPs treating Psychiatric Boarder Patients rated on VAS; ***Sum of VAS scores for all scenarios/N

Table 5. Comparison of pre-intervention and post-intervention summary scores, sensitivity analysis without criminal behavior scenario.

| Summary Score*** SENSITIVITY ANALYSIS - Without CRIMINAL SCENARIO | | | | |
|---|--|---|--|---------------|
| | NINT Mean VAS Summary Score (95% CI; Std Dev) | INT Mean VAS Summary Score (95% CI; Std Dev) | Difference in Mean VAS Summary Scores (absolute value), (95% CI; Std Dev) | P-value |
| Attendings (Pre-test N=21, Post-test N=16) | 487.1 (425.1 549.2; 136.3) | 544.1 (459.7 628.6; 158.4) | 56.98 (-155.5 41.5; 146.2) | 0.25 |
| Residents (Pre-test N=12, Post-test N=7) | 379.3 (338.7 419.8; 63.81) | 466.6 (376.6 556.6; 97.31) | 87.32 (-164.9 -9.75; 77.31) | 0.03** |
| All (Pre-test N=33, Post-test N=23) | 449.2 (406.0 492.5; 124.0) | 520.5 (457.8 583.2; 145.0) | 71.29 (-143.1 0.56; 132.8) | 0.05 |

Comfort Levels of EPs treating Psychiatric Boarder Patients rated on VAS; ***Sum of VAS scores for all scenarios/N