Supplemental Digital Content 2

Pain intensity subgroup comparisons

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| **Sub-group (n)** | **Mean (SD)** | **T-test****P value** | **Difference between****means (95% CI)** |
| **Child Activity Limitations Interview 21 (CALI-21)** |
| Pain intensity ≤5/10 (n = 8) | 22.25 (12.01) |  |  |
| Pain intensity >5/10 (n = 7) | 39.00 (14.07) | 0.027a | 16.75 (2.21 to 31.29) |
| **Pediatric Pain Coping Inventory (PPCI) relative percentage** (n=26) |
| **Cognitive Self-Instruction** |  |  |  |
| Pain intensity ≤5/10 (n = 11) | 38.31 (4.23) |  |  |
| Pain intensity >5/10 (n = 15) | 41.43 (3.84) | 0.790 | 3.12 (-0.16 to 6.40) |
| **Problem-Solving** |  |  |  |
| Pain intensity ≤5/10 (n = 11) | 42.27 (3.86) |  |  |
| Pain intensity >5/10 (n = 15) | 43.67 (3.35) | 0.849 | 1.4 (-1.53 to 4.33) |
| **Distraction** |  |  |  |
| Pain intensity ≤5/10 (n = 11) | 38.38 (4.44) |  |  |
| Pain intensity >5/10 (n = 15) | 38.52 (3.15) | 0.988 | 0.14 (-2.93 to 3.21) |
| **Seeks Social Support** |  |  |  |
| Pain intensity ≤5/10 (n = 11) | 35.35 (3.53) |  |  |
| Pain intensity >5/10 (n = 15) | 40.74 (2.73) | 0. 500 | 5.39 (-10.80 to 21.59) |
| **Catastrophizing/Helplessness** |  |  |  |
| Pain intensity ≤5/10 (n = 11) | 37.12 (3.58) |  |  |
| Pain intensity >5/10 (n = 15) | 58.89 (3.24) | 0.036a | 21.77 (19.00 to 24.54) |

Abbreviations: n= number, SD= standard deviation, CI= confidence interval

aStatistically significant (p < .05)