**SUPPLEMENTARY MATERIAL**

**Comparison of changes in Conners’ rating scale from the first assessment to the last assessment of children, showing differences in relation to parental groups**

|  |  |  |
| --- | --- | --- |
|  | **Parental Group** |  |
| **Child Characteristics** | **Control Group (n=25)** | **PPCP Group (n=21)** | **Time\*Group Interaction** |
| **Oppositional** |  |  |  |
| Pre-Intervention | 12.0 [7.0- 19.0] | 15.0 [12.0- 21.0] | **<0.001** |
| Post-Intervention | 11.0 [6.0- 18.0] | 9.0 [5.0- 12.0] |   |
| **Cognitive Problems / Inattention** |  |  |  |
| Pre-Intervention | 22.0 [19.0- 24.0] | 23.0 [17.0- 25.0] | **<0.001** |
| Post-Intervention | 22.0 [18.0- 25.0] | 13.0 [10.0- 18.0] |   |
| **Hyperactivity** |  |  |  |
| Pre-Intervention | 12.0 [9.0- 17.0] | 17.0 [9.0- 20.0] | **<0.001** |
| Post-Intervention | 13.0 [9.0- 16.0] | 9.0 [5.0- 12.0] |   |
| **Anxious/Shy** |  |  |  |
| Pre-Intervention | 6.0 [4.0- 9.0] | 6.0 [5.0- 10.0] | **<0.001** |
| Post-Intervention | 7.0 [4.0- 9.0] | 4.0 [3.0- 5.0] |   |
| **Perfectionism** |  |  |  |
| Pre- Intervention | 6.0 [4.0- 8.0] | 7.0 [4.0- 12.0] | **0.007** |
| Post- Intervention | 5.0 [4.0- 8.0] | 6.0 [3.0- 8.0] |   |
| **Social Problems** |  |  |  |
| Pre- Intervention | 5.0 [3.0- 8.0] | 3.0 [2.0- 6.0] | **0.044** |
| Post- Intervention | 5.0 [3.0- 5.0] | 1.0 [1.0- 4.0] |   |
| **Psychosomatic** |  |  |  |
| Pre- Intervention | 2.0 [0.0- 3.0] | 4.0 [2.0- 5.0] | **0.012** |
| Post- Intervention | 3.0 [1.0- 4.0] | 3.0 [1.0- 5.0] |   |
| **ADHD Index** |  |  |  |
| Pre- Intervention | 25.0 [19.0- 29.0] | 27.0 [23.0- 29.0] | **<0.001** |
| Post- Intervention | 26.0 [20.0- 29.0] | 15.0 [12.0- 19.0] |   |
| **CGI-Restless-Impulsive** |  |  |  |
| Pre- Intervention | 10.0 [8.0- 14.0] | 13.0 [8.0- 15.0] | **<0.001** |
| Post- Intervention | 10.0 [8.0- 14.0] | 8.0 [5.0- 11.0] |   |
| **CGI-Emotional Lability** |  |  |  |
| Pre- Intervention | 4.0 [2.0- 7.0] | 5.0 [3.0- 7.0] | **0.010** |
| Post- Intervention | 4.0 [3.0- 6.0] | 3.0 [2.0- 4.0] |   |
| **CGI Global Index** |  |  |  |
| Pre- Intervention | 13.0 [11.0- 19.0] | 17.0 [13.0- 21.0] | **<0.001** |
| Post- Intervention | 15.0 [10.0- 18.0] | 11.0 [7.0- 15.0] |   |
| **DSM-IV Inattention** |  |  |  |
| Pre- Intervention | 19.0 [16.0- 20.0] | 18.0 [16.0- 20.0] | **<0.001** |
| Post- Intervention | 18.0 [17.0- 20.0] | 12.0 [9.0- 14.0] |   |
| **DSM-IV Hyperactive-Impulsive** |  |  |  |
| Pre- Intervention | 12.0 [9.0- 20.0] | 19.0 [15.0- 22.0] | **<0.001** |
| Post- Intervention | 13.0 [10.0- 19.0] | 9.0 [7.0- 15.0] |   |
| **DSM-IV Total** |  |  |  |
| Pre- Intervention | 31.0 [25.0- 39.0] | 35.0 [29.0- 41.0] | **<0.001** |
| Post- Intervention | 32.0 [27.0- 39.0] | 21.0 [19.0- 27.0] |   |

*An R software package npaRLD (Nonparametric Analysis of Longitudinal Data in Factorial Experiments) was used. Descriptive statistics are given as median [1th-3th quartiles]. P-values in bold are accepted as statistically significant (p<0,05).* *The Cronbach alpha value of the Conner’s scale and its subtypes is above 0.7.*

**Comparison of changes reflected by the Family Assessment Device from the first assessment to the last assessment of the parent groups**

|  |  |  |
| --- | --- | --- |
|  |  **Parental Group** |  |
|   | **Control Group(n=25)** | **PPCP Group(n=21)** | **Time\*GroupInteraction** |
| **Problem solving** |  |  |  |
| Pre- Intervention | 2.3 [2.2- 2.8] | 2.7 [2.2- 3.0] | **<0.001** |
| Post- Intervention | 2.5 [2.2- 3.0] | 1.8 [1.2- 2.0] |   |
| **Communication** |  |  |  |
| Pre- Intervention | 2.2 [1.9- 2.5] | 2.2 [1.9- 2.5] | **<0.001** |
| Post- Intervention | 2.2 [2.0- 2.5] | 1.4 [1.1- 1.8] |   |
| **Roles** |  |  |  |
| Pre- Intervention | 2.5 [2.1- 2.7] | 2.5 [2.3- 2.7] | **<0.001** |
| Post- Intervention | 2.5 [2.2- 2.5] | 1.8 [1.5- 1.9] |   |
| **Affective Responsiveness** |  |  |  |
| Pre- Intervention | 2.2 [1.7- 3.0] | 2.2 [1.7- 3.0] | **<0.001** |
| Post- Intervention | 2.0 [1.8- 3.0] | 1.2 [1.0- 2.2] |   |
| **Affective Involvement** |  |  |  |
| Pre- Intervention | 2.4 [2.3- 2.7] | 2.6 [2.4- 2.8] | **<0.001** |
| Post- Intervention | 2.6 [2.1- 2.7] | 1.8 [1.6- 2.3] |   |
| **Behavior Control** |  |  |  |
| Pre- Intervention | 2.2 [2.0- 2.5] | 2.2 [2.1- 2.7] | **<0.001** |
| Post- Intervention | 2.2 [2.0- 2.5] | 1.8 [1.4- 1.9] |   |
| **General Functioning** |  |  |  |
| Pre- Intervention | 2.2 [1.7- 3.0] | 2.0 [1.7- 2.9] | **<0.001** |
| Post- Intervention | 2.2 [1.8- 2.9] | 1.4 [1.1- 1.8] |   |

*An R software package npaRLD (Nonparametric Analysis of Longitudinal Data in Factorial Experiments) was used. Descriptive statistics are given as median [1th-3th quartiles].*

*p-values in bold are accepted to be statistically significant (p<0,05).*

*The Cronbach alpha value of the FAD scale and its subtypes is above 0.7.*

**Comparison of the change in Parental Stress Index scores from the first assessment to the last assessment between the parent groups**

|  |  |  |
| --- | --- | --- |
|  |  **Parental Group** |  |
|   | **Control Group(n=25)** | **PPCP Group(n=21)** | **Time\*GroupInteraction** |
| **Distractibility/ Hyperactivity** |  |  |  |
| Pre-Intervention | 34.0 [29.0- 37.0] | 33.0 [31.0- 39.0] | **<0.001** |
| Post- Intervention | 33.0 [31.0- 38.0] | 26.0 [22.0- 30.0] |   |
| **Adaptability** |  |  |  |
| Pre- Intervention | 30.0 [27.0- 34.0] | 32.0 [27.0- 34.0] | **<0.001** |
| Post- Intervention | 30.0 [28.0- 35.0] | 23.0 [20.0- 25.0] |   |
| **Reinforces Parent** |  |  |  |
| Pre- Intervention | 14.0 [13.0- 18.0] | 19.0 [16.0- 20.0] | **<0.001** |
| Post- Intervention | 15.0 [13.0- 19.0] | 14.0 [10.0- 15.0] |   |
| **Demandingness** |  |  |  |
| Pre- Intervention | 25.0 [23.0- 30.0] | 29.0 [27.0- 32.0] | **<0.001** |
| Post- Intervention | 26.0 [23.0- 32.0] | 20.0 [17.0- 25.0] |   |
| **Mood** |  |  |  |
| Pre- Intervention | 16.0 [13.0- 18.0] | 18.0 [14.0- 20.0] | **<0.001** |
| Post- Intervention | 16.0 [13.0- 19.0] | 13.0 [10.0- 14.0] |   |
| **Acceptability** |  |  |  |
| Pre- Intervention | 19.0 [17.0- 24.0] | 20.0 [18.0- 24.0] | **<0.001** |
| Post- Intervention | 20.0 [18.0- 25.0] | 13.0 [12.0- 18.0] |   |
| **Competence** |  |  |  |
| Pre- Intervention | 38.0 [31.0- 41.0] | 44.0 [41.0- 46.0] | **<0.001** |
| Post- Intervention | 38.0 [34.0- 40.0] | 34.0 [31.0- 40.0] |   |
| **Social Isolation** |  |  |  |
| Pre- Intervention | 14.0 [12.0- 18.0] | 15.0 [13.0- 22.0] | **<0.001** |
| Post- Intervention | 14.0 [12.0- 18.0] | 13.0 [9.0- 15.0] |   |
| **Attachment to Child** |  |  |  |
| Pre- Intervention | 13.0 [10.0- 17.0] | 18.0 [15.0- 20.0] | **<0.001** |
| Post- Intervention | 14.0 [12.0- 18.0] | 14.0 [11.0- 17.0] |   |
| **Health** |  |  |  |
| Pre- Intervention | 11.0 [9.0- 14.0] | 16.0 [12.0- 17.0] | **0.001** |
| Post- Intervention | 12.0 [10.0- 14.0] | 13.0 [11.0- 16.0] |   |
| **Role Restriction** |  |  |  |
| Pre- Intervention | 20.0 [16.0- 24.0] | 23.0 [20.0- 26.0] | **<0.001** |
| Post- Intervention | 20.0 [17.0- 25.0] | 16.0 [14.0- 21.0] |   |
| **Depression** |  |  |  |
| Pre- Intervention | 22.0 [18.0- 27.0] | 28.0 [24.0- 32.0] | **<0.001** |
| Post- Intervention | 22.0 [18.0- 26.0] | 20.0 [16.0- 22.0] |   |
| **Spouse** |  |  |  |
| Pre- Intervention | 16.0 [14.0- 21.0] | 22.0 [16.0- 26.0] | **<0.001** |
| Post- Intervention | 16.0 [15.0- 21.0] | 17.0 [12.0- 20.0] |   |
| **Child Domain Score** |  |  |  |
| Pre- Intervention | 146.0 [126.0- 157.0] | 154.0 [144.0- 162.0] | **<0.001** |
| Post- Intervention | 149.0 [128.0- 164.0] | 103.0 [95.0- 130.0] |   |
| **Parent Domain Score** |  |  |  |
| Pre- Intervention | 136.0 [121.0- 158.0] | 163.0 [144.0- 178.0] | **<0.001** |
| Post- Intervention | 140.0 [125.0- 160.0] | 133.0 [114.0- 142.0] |   |
| **Total Score** |  |  |  |
| Pre- Intervention | 283.0 [244.0- 309.0] | 317.0 [293.0- 341.0] | **<0.001** |
| Post- Intervention | 287.0 [261.0- 320.0] | 244.0 [213.0- 266.0] |   |

*An R software package npaRLD (Nonparametric Analysis of Longitudinal Data in Factorial Experiments) was used. Descriptive statistics are given as median [1th-3th quartiles].*

*p-values in bold are accepted as being statistically significant (p<0,05).*

*The Cronbach alpha value of the FAD scale and its subtypes is above 0.7.*

**Main factorial effects of Family Assessment Device scores from the first assessment to the last assessment between the groups**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Pre- Intervention** | **Post- Intervention** | **Post In-Pre In** |  |  |  |
| **Variable** | **Mean ± SD** | **Mean ± SD** | **Mean ± SD** | **p1** | **p2** | **p3** |
| **Control Group** |  |  |  |  |  |  |
| Problem Solving | 2.48 ± 0.56 | 2.42 ± 0.64 | 0.07 ± 0.36 | 0.35a | 0.80a | <0.001a |
| Communication | 2.23 ± 0.53 | 2.15 ± 0.56 | 0.08 ± 0.11 | 0.01b | 0.61a | <0.001c |
| Roles | 2.45 ± 0.42 | 2.37 ± 0.42 | 0.08 ± 0.23 | 0.17b | 0.69a | <0.001c |
| Affective Responsiveness | 2.26 ± 0.76 | 2.26 ± 0.83 | 0.00 ± 0.16 | 0.96b | 0.99c | <0.001c |
| Affective Involvement | 2.45 ± 0.41 | 2.46 ± 0.41 | 0.00 ± 0.21 | 0.83b | 0.08a | <0.001c |
| Behaviour Control | 2.26 ± 0.44 | 2.23 ± 0.43 | 0.03 ± 0.15 | 0.71b | 0.73c | <0.001c |
| General Functioning | 2.24 ± 0.68 | 2.22 ± 0.71 | 0.03 ± 0.08 | 0.20b | 0.82c | <0.001c |
| **PPCP Group** |  |  |  |  |  |  |
| Problem Solving | 2.53 ± 0.61 | 1.68 ± 0.49 | 0.85 ± 0.45 | <0.001 |  |  |
| Communication | 2.14 ± 0.55 | 1.46 ± 0.39 | 0.68 ± 0.39 | <0.001 |  |  |
| Roles | 2.49 ± 0.37 | 1.77 ± 0.48 | 0.73 ± 0.46 | <0.001 |  |  |
| Affective Responsiveness | 2.31 ± 0.78 | 1.58 ± 0.67 | 0.73 ± 0.48 | <0.001 |  |  |
| Affective Involvement | 2.66 ± 0.37 | 1.93 ± 0.43 | 0.74 ± 0.42 | <0.001 |  |  |
| Behaviour Control | 2.33 ± 0.37 | 1.74 ± 0.33 | 0.59 ± 0.41 | <0.001 |  |  |
| General Functioning | 2.21 ± 0.66 | 1.53 ± 0.52 | 0.68 ± 0.35 | <0.001 |  |  |
| *(a). t-Test (b). Wilcoxon (c). Mann-Whitney U**(p1). Within-group differences between initial and final assessments (p2). Cross-group differences between initial assessments (p3). Cross-group differences between initial and final assessments* |

**Main factorial effects of Conners’ rating scale scores from the first assessment to the last assessment between the groups**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pre- Intervention** | **Post- Intervention** | **Post In-Pre In** |  |  |  |
| **Variable** | **Mean ± SD** | **Mean ± SD** | **Mean ± SD** | **p1** | **p2** | **p3** |
| **Control Group** |  |  |  |  |  |  |
| Oppositional | 12.36 ± 7.35 | 12.84 ± 7.62 | -0.48 ± 2.14 | 0.61b | 0.10a | <0.001c |
| Cognitive Problems/Inattention | 21.44 ± 6.2 | 21.24 ± 5.78 | 0.20 ± 3.25 | 0.82b | 0.79a | <0.001c |
| Hyperactivity | 13.28 ± 6.05 | 13.16 ± 6.22 | 0.12 ± 2.93 | 0.71b | 0.29a | <0.001c |
| Anxious-Shy | 7.52 ± 4.21 | 6.68 ± 3.5 | 0.84 ± 2.46 | 0.13b | 0.75c | <0.001c |
| Perfectionism | 6.28 ± 3.49 | 6.36 ± 3.13 | -0.08 ± 1.89 | 0.83a | 0.24c | <0.001c |
| Social Problems | 4.88 ± 2.39 | 5.4 ± 3.12 | -0.52 ± 1.61 | 0.12a | 0.18c | <0.001a |
| Psychosomatic | 2.76 ± 2.35 | 2.72 ± 3.4 | 0.04 ± 2.15 | 0.37b | 0.20c | 0.78 |
| ADHD Index | 24.72 ± 6.64 | 24.88 ± 6.76 | -0.16 ± 4.71 | 0.46b | 0.45a | <0.001c |
| CGI-Restless-Impulsive | 10.68 ± 4.27 | 10.56 ± 4.08 | 0.12 ± 2.44 | 0.79b | 0.21a | <0.001c |
| CGI-Emotional Lability | 4.24 ± 2.57 | 4.32 ± 2.87 | -0.08 ± 1.82 | 0.92b | 0.45a | 0.02c |
| CGI Global Index | 14.92 ± 6.17 | 14.88 ± 6.25 | 0.04 ± 3.69 | 0.79b | 0.23a | <0.001c |
| DSM-IV Inattentive | 17.56 ± 4.64 | 17.36 ± 4.58 | 0.20 ± 3.35 | 0.71b | 0.89c | <0.001c |
| DSM-IV Hyperactive-Impulsive | 14.16 ± 5.96 | 14.08 ± 6.41 | 0.08 ± 3.28 | 0.71b | 0.04a | <0.001c |
| DSM-IV Total | 31.8 ± 9.67 | 31.44 ± 9.88 | 0.36 ± 5.79 | 0.69b | 0.21a | <0.001c |
| **PPCP Group** |  |  |  |  |  |  |
| Oppositional | 15.95 ± 6.86 | 9.95 ± 6.57 | 6.00 ± 5.31 | <0.001b |  |  |
| Cognitive Problems/Inattention | 20.9 ± 7.13 | 13.38 ± 5.74 | 7.52 ± 5.39 | <0.001a |  |  |
| Hyperactivity | 15.29 ± 6.56 | 9.43 ± 4.96 | 5.86 ± 5.82 | <0.001b |  |  |
| Anxious-Shy | 7.57 ± 3.41 | 4.57 ± 2.71 | 3.00 ± 2.97 | <0.001b |  |  |
| Perfectionism | 7.86 ± 3.95 | 5.67 ± 3.41 | 2.19 ± 2.23 | <0.001b |  |  |
| Social Problems | 4.24 ± 3.11 | 2.67 ± 2.71 | 1.57 ± 2.09 | <0.001a |  |  |
| Psychosomatic | 4.1 ± 3.39 | 3.24 ± 2.84 | 0.86 ± 2.50 | 0.06 |  |  |
| ADHD Index | 26.19 ± 6.21 | 14.95 ± 5.7 | 11.24 ± 7.95 | <0.001a |  |  |
| CGI-Restless-Impulsive | 12.29 ± 4.2 | 7.95 ± 3.93 | 4.33 ± 4.18 | <0.001b |  |  |
| CGI-Emotional Lability | 4.81 ± 2.46 | 3.14 ± 1.96 | 1.67 ± 2.46 | <0.001b |  |  |
| CGI Total | 17.1 ± 5.92 | 11.1 ± 5.45 | 6.00 ± 6.32 | <0.001b |  |  |
| DSM-IV Inattentive | 17.43 ± 4.66 | 10.95 ± 4.18 | 6.48 ± 4.74 | <0.001a |  |  |
| DSM-IV Hyperactive-Impulsive | 17.9 ± 5.92 | 10.43 ± 5.11 | 7.48 ± 5.47 | <0.001b |  |  |
| DSM-IV Total | 35.24 ± 8.25 | 21.38 ± 7.7 | 13.86 ± 9.55 | <0.001b |  |  |
| *(a). t-Test (b). Wilcoxon (c). Mann-Whitney U**(p1). Within-group differences between initial and final assessments (p2). Cross-group differences between initial assessments (p3). Cross-group differences between initial and final assessments* |

**Main factorial effects of Parental Stress Index scores from the first assessment to the last assessment between the groups**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pre- Intervention** | **Post- Intervention** | **Post In-Pre In** |  |  |  |
| **Variable** | **Mean ± SD** | **Mean ± SD** | **Mean ± SD** | **p1** | **p2** | **p3** |
| **Control Group** |  |  |  |  |  |  |
| Distractibility/Hyperactivity | 33.32 ± 5.56 | 32.84 ± 5.81 | 0.48 ± 1.96 | 0.23a | 0.36a | <0.001c |
| Adaptability | 31.52 ± 6.49 | 30.16 ± 7 | 1.36 ± 5.34 | 0.69b | 0.98a | <0.001c |
| Reinforces parent | 15.8 ± 5.1 | 15.36 ± 4.9 | 0.44 ± 1.42 | 0.12b | 0.11a | <0.001c |
| Demandingness | 27.16 ± 5.41 | 25.88 ± 4.94 | 1.28 ± 3.60 | 0.12b | 0.15a | <0.001c |
| Mood | 16.64 ± 3.63 | 15.96 ± 4.28 | 0.68 ± 2.64 | 0.32b | 0.48c | <0.001c |
| Acceptability | 21.08 ± 4.5 | 19.64 ± 5.08 | 1.44 ± 3.72 | 0.08b | 0.77a | <0.001c |
| Competence | 37.36 ± 5.99 | 36.4 ± 6.56 | 0.96 ± 2.99 | 0.15b | <0.001c | <0.001c |
| Social Isolation | 15.8 ± 5.32 | 15.68 ± 5.34 | 0.12 ± 1.20 | 0.58b | 0.56c | <0.001c |
| Attachment to child | 15 ± 4.14 | 14.12 ± 4.55 | 0.88 ± 1.86 | 0.03b | 0.03a | <0.001c |
| Health | 12.64 ± 3.78 | 12.28 ± 3.93 | 0.36 ± 1.32 | 0.10b | 0.02c | <0.001c |
| Role Restriction | 20.52 ± 5.73 | 19.48 ± 5.37 | 1.04 ± 3.36 | 0.20b | 0.06a | <0.001c |
| Depression | 22.64 ± 6.26 | 22.08 ± 6.47 | 0.56 ± 1.53 | 0.07b | 0.01a | <0.001c |
| Spouse | 18.16 ± 4.66 | 17.84 ± 5.08 | 0.32 ± 1.22 | 0.22b | 0.03c | <0.001c |
| Child Domain Score | 146.52 ± 20.05 | 140.96 ± 20.45 | 5.56 ± 15.37 | 0.08b | 0.32a | <0.001c |
| Parent Domain Score | 143.12 ± 23.5 | 138.92 ± 25.66 | 4.20 ± 7.81 | 0.01b | 0.01c | <0.001c |
| Total Score | 289.64 ± 39.14 | 279.88 ± 42.2 | 9.76 ± 22.42 | 0.01b | 0.02a | <0.001c |
| **PPCP Group** |  |  |  |  |  |  |
| Distractibility/Hyperactivity | 34.76 ± 4.99 | 26.48 ± 6.21 | 8.29 ± 7.07 | <0.001a |  |  |
| Adaptability | 31.57 ± 5.63 | 23.52 ± 5.66 | 8.05 ± 5.03 | <0.001a |  |  |
| Reinforces parent | 18.19 ± 4.65 | 12.95 ± 3.97 | 5.24 ± 3.51 | <0.001a |  |  |
| Demandingness | 29.38 ± 4.86 | 21.43 ± 6.49 | 7.95 ± 5.44 | <0.001a |  |  |
| Mood | 17.24 ± 3.36 | 12.62 ± 3.73 | 4.62 ± 3.32 | <0.001a |  |  |
| Acceptability | 20.71 ± 3.76 | 14.95 ± 3.77 | 5.76 ± 4.11 | <0.001a |  |  |
| Competence | 42.81 ± 6.32 | 34.81 ± 7.7 | 8.00 ± 5.04 | <0.001a |  |  |
| Social Isolation | 16.9 ± 6.04 | 13.05 ± 4.15 | 3.86 ± 3.35 | <0.001b |  |  |
| Attachment to child | 18.1 ± 5.28 | 14.19 ± 4.2 | 3.90 ± 4.79 | <0.001a |  |  |
| Health | 15.24 ± 3.85 | 13.81 ± 3.56 | 1.43 ± 1.94 | <0.001a |  |  |
| Role Restriction | 23.62 ± 5.2 | 17.76 ± 5.6 | 5.86 ± 3.35 | <0.001b |  |  |
| Depression | 27.9 ± 7.34 | 20.48 ± 7.01 | 7.43 ± 4.69 | <0.001a |  |  |
| Spouse | 22.14 ± 6.45 | 17.00 ± 5.99 | 5.14 ± 3.84 | <0.001a |  |  |
| Child Domain Score | 151.95 ± 15.71 | 111.95 ± 21.94 | 40.00 ± 20.77 | <0.001a |  |  |
| Parent Domain Score | 165.67 ± 30.04 | 131.38 ± 28.26 | 34.29 ± 20.02 | <0.001a |  |  |
| Total Score | 317.62 ± 37.9 | 243.33 ± 46.1 | 74.29 ± 35.03 | <0.001a |  |  |
| (a). t-Test (b). Wilcoxon (c). Mann-Whitney U(p1). Within-group differences between initial and final assessments (p2). Cross-group differences between initial assessments (p3). Cross-group differences between initial and final assessments |