***Table l: Demographics of 71 assessors***

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Demographics** | **n = 71** | **%** |
| **Age in years** | 20 - 29 | 2 | 2.82 |
| 30 - 39 | 17 | 23.94 |
| 40 - 49 | 36 | 50.70 |
| 50 - 59 | 14 | 19.72 |
| 60 - 69 | 2 | 2.82 |
| **Gender** | Male | 6 | 8.45 |
| Female | 65 | 91.55 |
| **Qualifications** | Diploma in CYC + No matric | 10 | 14.08 |
| Diploma in CYC + Matric | 39 | 54.93 |
| Diploma in CYC + Matric + additional Diploma or bachelors student | 11 | 15.49 |
| Social Worker or Auxiliary Social Worker | 11 | 15.49 |

***Table ll : Percentage of the types of Trauma at the four residential sites***

|  |  |  |
| --- | --- | --- |
| **Trauma** | **n** | **%** |
| 1. Abandoned | 16 | 12.5 |
| 1. Sexual abuse | 7 | 5.5 |
| 1. Neglect | 53 | 41.4 |
| 1. Death of parent | 12 | 9.4 |
| 1. Witness of violence | 14 | 10.9 |
| 1. Abuse (not defined) | 3 | 2.3 |
| 1. Physical abuse | 10 | 7.8 |
| 1. Emotional abuse | 5 | 3.9 |
| 1. Exposure to drugs | 4 | 3.1 |
| 1. Exposure to sexual abuse | 1 | 0.8 |
| 1. Victim of violence | 1 | 0.8 |
| 1. Exposure to alcoholism | 2 | 1.6 |

***Table lll: The frequency with which participants were scored on quadrants and sections on the Child Sensory Profile TM 2***

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Like the Majority of others** | **Less and Much less than other** | **More and much more than others** |
|  | **%** | **%** | **%** |
| **Quadrant Scores** |  |  |  |
| Sensory Seeking | 57.03 | 3.13 | 39.84 |
| Sensory Avoiding | 37.50 | 1.56 | **60.94** |
| Sensory Sensitivity | 36.71 | 0.78 | **62.51** |
| Low Registration | 43.75 | 0.78 | **55.47** |
| **Sensory Sections** |  |  |  |
| Auditory | 58.59 | 3.90 | 37.50 |
| Visual | 35.15 | 14.85 | **50.00** |
| Touch | 40.62 | 0.78 | **58.60** |
| Movement | 54.68 | 0.00 | 45.32 |
| Body Position | 53.12 | 1.56 | 43.32 |
| Oral | 68.75 | 1.56 | 29.69 |
| **Behavioural Sections** |  |  |  |
| Conduct | 50.00 | 0.00 | **50.00** |
| Socio Emotional | 32.03 | 0.00 | **67.97** |
| Attentional | 46.09 | 0.00 | **53.91** |

***Table IV: Mean scores on the Child Sensory ProfileTM 2 for child victims of trauma and typical children***

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Child Victims of Trauma** | **Typical**  (*just like the majority of others)* | **P value** |
|  | **Mean (SD)** | **Mean (SD)** |
| **Quadrants** | | | |
| Sensory Seeking | 46.4 (17.7) | 30.9 (12.9) | 0.085 |
| Avoiding | 55.2 (19.0) | 30.9 (11.4) | 0.009\*\* |
| Sensitivity | 49.0 (15.7) | 26.6 (10.6) | 0.011\*\* |
| Registration | 48.4 (18.0) | 28.0 (11.1) | 0.029\* |
| **Sensory Processing** | | | |
| Auditory processing | 21.9 (7.6) | 14.9 (6.7) | 0.301 |
| Visual Processing | 16.8 (6.2) | 12.3 (3.7). | 0.570 |
| Touch Processing | 25.5 (10.9) | 12.4 (6.3) | 0.048\* |
| Movement Processing | 19.00 (7.6) | 11.6 (5.1) | 0.201 |
| Body position Processing | 15.6 (7.7) | 9.00 (4.6) | 0.307 |
| Oral processing | 20.7 (8.9) | 13.8 (6.5) | 0.296 |
| **Behaviour** | | | |
| Conduct | 23.3 (8.7) | 14.7 (6.2) | 0.188 |
| Socioemotional | 27.9 (13.00) | 20.4 (7.9) | 0.313 |
| Attentional | 28.9 (10.9) | 14.5 (6.8) | 0.032\* |

Significant p≤ 0.05\*, p≤ 0.01\*\*

Figure 1: The bell curve and Sensory Profile 2 classification system.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Behaviour response continuum*** | | | | |
| **Neurological threshold continuum** |  | | **Acting according to threshold** | **Acting to counteract threshold** |
| **Passive behaviour** | **Active behaviour** |
| Needs a lot of input before registering | **HIGH** | **LOW/ POOR REGISTRATION** | **SENSATION SEEKING** |
| (Habituation) Nervous system  recognizes that something familiar has occurred | Do not notice sensory events in  daily life | Find ways to extend or enhance sensory events in daily life. |
| Needs very little input for registration | **LOW** | **SENSITIVE TO STIMULI** | **SENSATION AVOIDING** |
| (sensitization) Nervous system enhances potentially important stimuli. | Notices every event in daily life | Find ways to limit sensory input during daily activities |

Figure 2: Relationships between behavioural responses and neurological thresholds.

(Adapted from: Dunn W. The Sensory Profile User’s manual. First Edition.

San Antonio: The Psychological Corporation. 1999)