The current investigation studied the effect of maltreatment type and chronicity of trauma to PTSD symptoms in maltreated children in order to better identify the factors that create worse PTSD outcomes in maltreated children.

**Aim of current investigation:**

**HYPOTHESES**

1. Frequency of trauma will be positively correlated with number of PTSD symptoms.
2. Children who experience sexual abuse will display a greater number of PTSD symptoms than those who have only experienced one trauma type.
3. Children who experience multiple trauma types will display a greater number of PTSD symptoms than those who have only experienced one trauma type.

**METHODS**

**Participants:**
- A total of 400 children (236 female) from Department of Family Services (DFS) sites in Las Vegas, Nevada.
- 59% of children were female and 41% were male.

**Measures:**
- The Children’s PTSD Inventory (CPTSD-I) was used to collect data regarding PTSD diagnosis and presenting PTSD symptoms. CPTSD-I additionally measures duration of distress for each symptom (CPTSD-I, Sahn et al., 2000).
- Participants completed a demographic sheet that was used to collect data regarding gender, age, race/ethnicity, country of origin, biological parent marital status, and religion.

**RESULTS**

- A significant positive correlation between frequency of trauma and number of PTSD symptoms (r = .24, p < .001).
- Two-tailed, independent samples t-tests were used to test the effects of sexual maltreatment and multiple trauma exposure on number of PTSD symptoms.
- Children who experienced sexual abuse reported a significantly greater number of PTSD symptoms (M = 15.61, SD = 5.88) than children who experienced other trauma or multiple traumas not including abuse (M = 11.61, SD = 5.79, t(61) = 4.58, p < .001).
- Children who experienced multiple trauma types did not report a significantly different number of PTSD symptoms (M = 13.77, SD = 6.06) than children who experienced only one category of trauma (M = 12.52, SD = 6.01, t(370) = 1.926, p = .05).

**DISCUSSION**

**Hypothesis 1:**
- First, frequency of trauma events was positively correlated with number of PTSD symptoms in participants.
- This finding suggests that even among other highly interpersonal traumas (such as physical abuse or neglect), exposure to sexual maltreatment is expected to have a worse impact on PTSD outcomes.

**Hypothesis 2:**
- Second, children with exposure to maltreatment experienced significantly more PTSD symptoms than children with exposure to any other trauma.
- This finding suggests that even among other highly interpersonal traumas (such as physical abuse or neglect), exposure to sexual maltreatment is expected to have a worse impact on PTSD symptoms.

**Hypothesis 3:**
- Third, our results did not indicate that children with exposure to multiple trauma types experience a significantly different number of PTSD symptoms than children with exposure to just one trauma type.
- Our results suggest that consideration of trauma type and frequency of trauma are important factors in understanding childhood PTSD symptoms rather than number of trauma types experienced alone.

**STUDY IMPLICATIONS**

**Limits:**
- Placement in DFS custody required all participants to have experienced trauma significant enough to have been removed from their homes. Therefore, the results from this data may not be generalizable to children who have experienced maltreatment at lesser severity.
- Furthermore, the effects of DFS removal as a possible traumatic experience have not been evaluated in this investigation and should be considered when evaluating these results.
- Finally, all data were collected via child interviews and self-report measures of traumatized children. These children may be more likely to report answers that they think the researcher, or other adult, might find more favorable.
- Another consideration should be that children may feel as though they are obligated to protect the offender by lying about their experiences or are simply afraid to report the truth for fear of retaliation or getting their abuser in further trouble.

**Future Directions:**
- The present investigation-addressed how overall PTSD outcomes are affected by factors such as trauma type and chronicity of trauma - further investigation is needed in order to determine which PTSD symptoms are more highly associated with each trauma.
- Determining the effect of trauma type on developmental deficits might be beneficial to clinicians, caregivers and teachers who are responsible for mediating and/or treating the effects of PTSD and maltreatment.
- Future investigations should also include analysis of distinctive symptoms associated with each trauma in order to gain insight on which symptoms might be expected to be associated with particular maltreatment traumas.
- Additionally, the effect of age at time of first exposure to maltreatment should be included in order to understand the way PTSD symptoms present at the time of trauma as opposed to later in life.