

1019 Parental Moderating Factors in Child PTSD

Abstract

Children between the ages of 8 – 18 years were assessed (physiological responses) upon admission to a level-1 trauma center for treatment of injury. Six-weeks post-trauma, 15-hour urine samples were collected from children and their mothers. We examined the incidence and relationship between mother and child PTSD symptoms 6-weeks and 7-months post-trauma and explored the impact of overall maternal PTSD symptoms as well as specific PTSD symptom clusters on child PTSD symptom levels with a focus on examining potential child gender differences.

Based on the existent literature, we hypothesized that elevated in-hospital urinary cortisol levels would significantly predict child PTSS at follow-up, particularly in boys. Conversely, lower levels of 6-week maternal cortisol were hypothesized to predict 7-month maternal PTSS. Given our prior findings concerning the impact of prior trauma history, we hypothesized that the relationship between child in-hospital cortisol and subsequent PTSS would be stronger in those children without a prior trauma history. It was hypothesized that maternal PTSS and depression would negatively impact the child's long-term adjustment following their traumatic event. Maternal avoidance was hypothesized to have the greatest impact on child adjustment such that higher rates of acute maternal avoidance were hypothesized to be associated with higher subsequent child PTSS. Given that girls have been found to experience more and longer-lasting PTSS than similarly traumatized boys (Smith et al., 2002; Stallard et al., 2004), maternal PTSS and depression were also hypothesized to impact girls more than boys

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PACT/R Dataset Number

1019

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Principal Investigator / Dataset Creator 2

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Number of assessment points

3

Study language

English

PI ORCID

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PI Institution

Kent State University

PI 2 Institution

Akron Children's Hospital

Inclusion criteria

Child age 8 - 18 with unintentional injury requiring hospital admission.
We specifically recruited biological mother-child dyads.

Children were required to have Glasgow Coma Scale (GCS) scores ≥ 14 to ensure ability to give consent.

Exclusion criteria

GCS < 14

Temporal Coverage

2003 - 2004

Spatial Coverage

United States

Country

US

Funding Information

Funding Information

Ohio Board of Regents

Data

Analysis Unit

Individual

Analysis Units Covered

Child exposed to an index potentially traumatic event

PACT/R Metadata

Concepts

PACT/R Topics


- [Demographics](#)
- [Demographics - index child](#)
- [Demographics - parent\(s\) / caretaker\(s\) of index child](#)
- [Index event / trauma exposure](#)
- [Nature of index event / trauma](#)
- [Characteristics of child's exposure to index event / trauma](#)
- [Characteristics of parent's exposure to index trauma](#)
- [Trauma history](#)
- [Trauma history of index child](#)
- [Trauma history of parent\(s\) / caretaker\(s\) of index child](#)
- [Mental health symptoms - index child](#)
- [Traumatic stress symptoms / responses to trauma](#)
- [Depression symptoms](#)
- [Anxiety symptoms](#)
- [Functional impairment - Quality of life](#)
- [Functional impairment - index child](#)

Demographics

Demographics - index child

Parent Concepts

- [Demographics](#)

 Demographics - parent(s) / caretaker(s) of index child

Parent Concepts

- [Demographics](#)

 Index event / trauma exposure

 Nature of index event / trauma

Parent Concepts

- [Index event / trauma exposure](#)

 Characteristics of child's exposure to index event / trauma


Parent Concepts

- [Index event / trauma exposure](#)

 Characteristics of parent's exposure to index trauma

Parent Concepts

- [Index event / trauma exposure](#)

 Trauma history

 Trauma history of index child

Parent Concepts

- [Trauma history](#)

 Trauma history of parent(s) / caretaker(s) of index child

Parent Concepts

- [Trauma history](#)

 Mental health symptoms - index child

 Traumatic stress symptoms / responses to trauma


Parent Concepts

- [Mental health symptoms - index child](#)

 Depression symptoms

Parent Concepts

- [Mental health symptoms - index child](#)

 Anxiety symptoms

Parent Concepts

- [Mental health symptoms - index child](#)

 Functional impairment - Quality of life

 Functional impairment - index child

Parent Concepts

- [Functional impairment - Quality of life](#)

Conceptual Variables

 PACT/R Conceptual Variables

This set has no items.

 PACT/R Conceptual Variables

 Demographics

Concept

Demographics

 Demographics - index child


Concept

Demographics - index child

Items

- [child age in years](#)
- [child years of school / grade](#)
- [child gender](#)
- [child race / ethnicity](#)
- [family composition](#)
- [child's primary language](#)

 child age in years

 child years of school / grade

 child gender

 child race / ethnicity

 family composition

 child's primary language

 Demographics - parent(s) / caretaker(s) of index child

Concept


Demographics - parent(s) / caretaker(s) of index child


Items

- [parent / caretaker relationship to index child](#)
- [parent age](#)
- [parent gender](#)
- [parent race / ethnicity](#)
- [parent relationship / marital status](#)
- [parent highest level of education completed](#)


 parent / caretaker relationship to index child

 parent age

 parent gender

 parent race / ethnicity

 parent relationship / marital status

 parent highest level of education completed

 Index event / trauma exposure

Concept

Index event / trauma exposure

 Nature of index event / trauma


Concept

Nature of index event / trauma

Items

- [Broad type of index event / trauma](#)
- [Description of index event / trauma](#)

 Broad type of index event / trauma

 Description of index event / trauma


 Characteristics of child's exposure to index event / trauma

Concept

Characteristics of child's exposure to index event / trauma

Items

- [Type of exposure to index event / trauma](#)

 Type of exposure to index event / trauma

 Characteristics of parent's exposure to index trauma

Concept

Characteristics of parent's exposure to index trauma

This group has no items.

 Trauma history

Concept


Trauma history

 Trauma history of index child

Concept

Trauma history of index child

This group has no items.

 Trauma history of parent(s) / caretaker(s) of index child


Concept

Trauma history of parent(s) / caretaker(s) of index child

This group has no items.

Items


- any prior trauma (before index trauma)?
- number of types of prior trauma
- age at earliest trauma
- prior unintentional injury
- prior MVA/RTA
- prior acute medical event
- prior interpersonal violence
- prior abuse / maltreatment
- prior exposure to disaster
- prior exposure to war / armed conflict
- prior refugee trauma
- other prior trauma
- prior interpersonal trauma (any type)
- prior non-interpersonal trauma (any type)


 any prior trauma (before index trauma)?

 number of types of prior trauma

 age at earliest trauma


 prior unintentional injury


 prior MVA/RTA

 prior acute medical event


 prior interpersonal violence


 prior abuse / maltreatment

 prior exposure to disaster


 prior exposure to war / armed conflict

 prior refugee trauma

 other prior trauma

 prior interpersonal trauma (any type)

 prior non-interpersonal trauma (any type)

 Mental health symptoms - index child

Concept

Mental health symptoms - index child

 Traumatic stress symptoms / responses to trauma

Concept

Traumatic stress symptoms / responses to trauma

 Re-experiencing

Items

- [Intrusive thoughts](#)
- [Distressing dreams](#)
- [Feel event is happening again](#)
- [Psychological distress at reminders](#)
- [Physical distress at reminders](#)

 Intrusive thoughts

 Distressing dreams

 Feel event is happening again

 Psychological distress at reminders


 Physical distress at reminders

 Avoidance

Items

- Avoid thoughts feelings abt event
- Avoid activities places people that are reminders

 Avoid thoughts feelings abt event

 Avoid activities places people that are reminders


 Dissociation (peri- or post-trauma)

Items


- Numbing/ detachment / absence of emotional responsiveness
- Reduction in awareness of surroundings (in a daze)
- Derealization
- Dissociative amnesia

 Numbing/ detachment / absence of emotional responsiveness

 Reduction in awareness of surroundings (in a daze)

 Derealization

 Dissociative amnesia

 Cognitive or mood changes

Items

- Inability to recall important parts of event
- Diminished interest or participation in things usually enjoy
- Detachment estrangement from others
- Restricted range of affect
- Foreshortened future

- Persistent exaggerated negative beliefs or expectations
- Persistent distorted cognitions / blame self or others
- Persistent negative emotional state

 Inability to recall important parts of event

 Diminished interest or participation in things usually enjoy

 Detachment estrangement from others

 Restricted range of affect

 Foreshortened future

 Persistent exaggerated negative beliefs or expectations

 Persistent distorted cognitions / blame self or others

 Persistent negative emotional state

 Hyperarousal

Items


- Irritability / angry outbursts
- Difficulty concentrating
- Hypervigilance
- Exaggerated startle
- Reckless or self-destructive behavior
- Difficulty falling or staying asleep


 Irritability / angry outbursts

 Difficulty concentrating

 Hypervigilance

 Exaggerated startle

 Reckless or self-destructive behavior


 Difficulty falling or staying asleep

 Depression symptoms

Concept

Depression symptoms

This group has no items.

 Anxiety symptoms

Concept

Anxiety symptoms

This group has no items.

 Functional impairment - Quality of life

Concept

Functional impairment - Quality of life

 Functional impairment - index child

Concept

Functional impairment - index child

This group has no items.

Code Lists

 Study language

Language in which study is conducted, i.e. language used in assessment measures, interviews, etc with participants

- [English](#)
- [Spanish](#)
- [German](#)

 English

 Spanish

 German