

2

Objectives

To define traumatic stress, emotional safety, and discuss exposure to trauma in pediatric procedural settings.

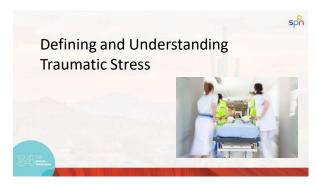


To discuss the importance of interdisciplinary collaboration to improve pediatric procedural settings and reduce traumatic stress.

To highlight the importance of screening and assessment in providing trauma-informed care.

34.

.00



The Developing Concept of Trauma

- 1970s "Shell Shock" and "War Neurosis"
 The first concepts of trauma came from studies of war veterans with difficulty adjusting back to civilian life
- > 1980 1st formal PTSD diagnostic criteria was included in the DSM-III



1990s – Landmark ACEs Study
 A link was found between adverse childhood experiences (trauma) and long-term health problems in adulthood.

> 2000 – NCTSN

• The National Child Traumatic Stress Network was founded after the Children's Health Act was passed by Congress

• Raise the standard of care for children who have experienced trauma.

The Developing Concept of Trauma



- The DSM-V included a separate PTSD diagnosis for children under the age of 6.
- 2017 A New Category in the DSM-V-TR
 PTSD and ASD were moved to "Trauma and Stressor-Related Disorders" Previously were considered "Anxiety Disorders"
- > 2021 AAP and Trauma-Informed Care
- AAP published a report about the importance of Trauma-Informed Care in pediatric healthcare settings.
- 2021 Emotional Safety Initiative
 Si was launched to educate healthcare teams about emotional safety and how to increase it in healthcare settings.







What Constitutes a Traumatic Event?	
Exposure to actual or threatened death, serious injury, or sexual violence in one (or more)	
of the following ways:	
Direct experience of In person witness of Learning that the event Repeated or extreme	
the event others experiencing occurred to a loved exposure to aversive the event one details of the event	
34 Table 1 Sph	
7	
"From a psychological perspective, trauma	
occurs when a child experiences an intense event that threatens or causes harm to his or	
her emotional and physical well-being." (NSCTN.org)	
6.20	
SA TAMES SPA	
8	
Towns I's Charas Basel's as	
Traumatic Stress Reactions The body and mind calculate act and respond to trauma. Pearlings interfere with a child's ability to function in daily life, and	
The body and mind naturally react and respond to trauma. Reactions interfere with a child's ability to function in daily life and in their interaction with others. Trauma reactions include but are not limited to:	
Intense and ongoing emotional upset Depression Amsiety Behavioral changes	
Difficulties with attention Academic difficulties Nightmares	
Changes in eating habits Changes in sleep patterns Aches and pains	
57.A ***	

Trauma Statistics









10

DEGREES OF STRESS



34° spinister

11



Four Important Changes to the Brain







Decreased function in the hippocampus



Prefrontal cortex function is inhibited



Sympathetic nervous system is overactivated



13

Flipping your Lid

- Upstairs Brain
 - Prefrontal Cortex
 - Responsible for thinking and reasoning
 Able to deactivate
- body's alarm system

 Downstairs Brain
- · Limbic Regions

 - Sounds the body's alarm system
 - Quick response when a threat is present





14

Pediatric Medical Traumatic Stress

"A situation in which children experience medical procedures or other aspects of medical care as traumatic events." (Forkey et al., 2021, 7)



• The level of distress is related to subjective experience of the medical event rather than its objective severity.





"How the individual labels, assigns meaning to, and is disrupted physically and psychologically by an event will contribute to whether or not it is experienced as traumatic." (SAMHSA, 2014)





16



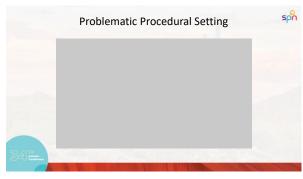
17

- Safety Net Hospital
 - Families have low resources and financial constraints
 - · Lack of insurance coverage
- Pediatric procedures occur in any of the following
- areas:
 Pediatric Acute Care
- Inpatient RehabilitationPICU
- Pediatric Short Stay Sedation Unit
 Burn Care
 NICU
- Child life services limited due to lack of bandwidth
- Nursing staff have the most face-to-face interaction



Santa Clara Valley

Medical Center



Challenges in the Interdisciplinary Team



- Knowledge and training gaps
- Particularly in development and emotional wellbeing
- Silo mentalities
- Unwritten hierarchies
- No common goal established

34 000 s

20

Common Staff Misconceptions

- Using anti anxiolytics will cover the patient's coping needs.
- Pain management strategies are inconvenient and ineffective.
- Emotional needs are not as important as medical needs.
- $\bullet\,$ The patient should work on our time schedule.
- Coping strategies are ineffective for many patients.
- Preparation makes patients more anxious.













26

Main Teaching Points

- Introduction to the concept of psychological trauma and traumatic stress
 Education about the brain and body's trauma response
 Explained how behavior is affected by the experience of traumatic stress
- Reviewed a child's subjective experience and understanding of the medical environment based on their development and background
- · Outlined problematic attitudes and perspectives about procedural settings and pediatric patient behaviors
- Introduced the concept of Emotional Safety and highlighted the need to prioritize ES



Benefits of Having a Proactive Approach

- Empowerment
 - Look beyond the day-to-day scope
- o Increased sense of control and mastery
- Self-Development
- Build skill sets
 Growth mindset
- o Increased competence
- Prevention
- Prepare for problems before they arise
- Fire prevention vs. fire fighting
 Reduced Stress
- Increased trust from patients and families
 More professional and calm approach





28



29



American Academy of Pediatrics	
"suggests using instruments that are standardized and validated and have defined psychometric properties. By that definition, there are currently no screening tools for Adverse Childhood Experiences (ACEs) or Social Determinants of Health."	
(Forkey, et al., 2021, 10)	
(FOINEY, et al., 2021, 10)	
and the same of th	
Sph santonia	
31	
Piecing Together the Puzzle	
Child Life team unable to reach all patients	
Multiple pediatric procedures completed daily	
Screening tool needs to be easily accessed and used for all pediatric patients	
Straightforward with minimal training required	-
Nursing team seemed to have the greatest access to patients	
34 mm.	
32	
❖ Child Life Specialists	
Created the screening Sought feedback and collaboration to edit	
of the PPSS	
Worked with IS to build into EPIC In-services for staff on the use of the PPSS	
Completed documentation audits Took feedback and communicated it to Child Life team Trained new staff on the use of PPSS	
Re-educated staff in need of refreshers	
Nurse Management and Lead Pediatric Physicians Presented PPSS to all staff APBs, staffmeetings, daily check-ins with charge nurses	
Made PPSS mandatory upon 24 hours of inpatient admission	
34 to	

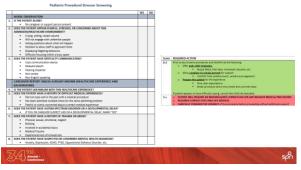
Pediatric Procedural Stressor Screening



- 8 Questions with "Yes" or "No" responses
 Each question addresses a different aspect of trauma and coping
- A tool for prioritizing emotional needs
- Simplified form of assessment
 Higher scores will require further assessment from a psychosocial professional and development of a coping plan
- Staff will complete the questionnaire and follow directions for emotional support



34



35

Step 1: Complete the Screening



Prompt to Consult Child Life Team





37

Step 2: Document the Results





38

Step 3: Communicate Results to the Team



Score of 0-2: General Coping Strategies are Facilitated by Staff



40

Score of 3+ : Coping Plan is Created and Communicated by Child Life



III-SAN A

41



Week One: Using the PPSS	Clinical Nurse Specialist and Nursing Education Coordinator Trained all nurses on how to use and document the PPSS Encouraged compliance with screening and documentation	
\wedge	Information Services Representative Created Tip Sheet	
	Addressed issues in real time with the build of the screening Child Life Team	
	 Followed up on patient referrals from PPSS Answered staff questions about PPSS 	
4		
34 fm Contracto	sph	
43		
	Clinical Nurse Specialist and Nursing Education Coordinator	
Month One: Using the PPSS	 PPSS documentation audits 100% of screenings were being completed 75% of results were communicated on the sticky note 	
_	Re-trained noncompliant staff Information Services Representative	
	 Worked with Child Life team to evaluate "useability" of screening and make edits/fixes 	
	Child Life Team Surveyed staff to solicit feedback about the screening Approached IS to create some edits/fixes to the screening	
34 from .	spn	
44		
Staff Perce	eptions and Feedback	
<u> </u>	•	
	7.	
	` X •	

Positive Feedback



- Earlier identification of coping needs
- Improved patient care and patient/family satisfaction
- Learned the importance of screening and assessment



46

Constructive Feedback



- Unclear what procedure will entail at the time of admission
- Patients sometimes remain fearful even when coping strategies are implemented
- Concerned that screening delays care



47

Knowledge Gaps and Opportunities for Communication/Education

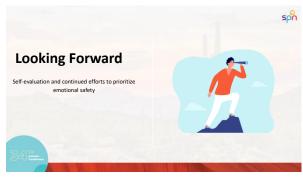


- Training and screening not necessary, it's common sense
- Patients don't understand the questions.
- Extra work for RNs, request for CLSs to complete screening









Clinical Nurse Specialist and Nursing Education Coordinator audits to be completed on a regular basis support continued education and reminders to staff about prioritizing emotional safety Information Services Representative Will continue to work with Child Life and Pediatrics team to adjust/edit the screening as needed Child Life Team Plans to begin research to validate PPSS Create a new PPSS and emotional safety teaching module in hospital orientation software for new staff plant or make the education module mandatory on a yearly basis as a "refresher" for all staff Nurse and Pediatric Team Management Continue to support the use of the screening tool through checkins at staff meetings, receiving feedback and communicating back to the team.

Lessons Learned



- Clinical Nurse Specialist and Nursing Education Coordinator
- Assessment is critical to providing trauma-informed care
 Importance of using a trauma-informed lens to view patient
- o Positive increase in child life referrals for procedural support and
- More varied staff seeking child life support
- Nurse and Pediatric Team Management
- PPSS has raised awareness of patient emotional needs
 Routine screening informs staff of potential pitfalls in positive coping
- Staff are more aware that "routine procedures" are not "routine" for patients



52

" WE OWE IT TO THE FUTURE NOT TO HARM **OUR CHILDREN IN THEIR HEARTS AND** MINDS WHILE WE CURE THEIR DISEASES AND REPAIR THEIR BROKEN BONES."



— Jenaya Gordon, MA, CCLS, NCC

53

