SELECTING SCREENING TOOLS FOR MENTAL HEALTH SCREENING AND REFERRAL IN PEDIATRIC TRAUMA PATIENTS

Created by: Center for Pediatric Traumatic Stress

How does our team know what screening tools to use to meet the ACS guidelines for pediatric trauma patients?

We believe that the following items are key:

Essential:

- 1. Screening tool performance has been evaluated with injured children in a medical setting
- 2. Evidence that screening tool detects concurrent psychological distress and/or predicts persistent, ongoing distress
- 3. Tool is feasible for use in ED or inpatient setting, ie, time to administer, ease of scoring
- **4.** Evidence-based scoring guidelines are provided with meaning of positive screen described so that healthcare team can take appropriate action (e.g. monitor, assess further, refer for MH services)

Desirable:

- 5. <u>Multiple studies</u> provide evidence for prediction of concurrent or future / ongoing psychological distress
- **6.** Evidence for prediction of <u>broader spectrum of distress</u> e.g PTS*, depression, anxiety, behavioral difficulties, impact on functioning
- 7. Demonstrated feasibility and utility based on real world use in multiple settings
- **8.** Tool has been evaluated in, and has evidence for good performance with, <u>injured patients similar to those you see in</u> your setting (e.g., age, culture, language, injury types and severity)

See next page for quick summary of current status of several current screening tools.

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Summary of current screening tools for mental health sequelae of pediatric injury

Summary of current screen		CTSQ ^{4,5}	CSDC- short		STEPP 9-13	PDI-C 14,15
	ASC-Kids 1-3	CISQ **	form ⁶	PsySTART 7,8	SIEPP 3-13	PDI-C 14,13
Screener content				variety of risk		early child
	early child	1 1111 576		factors	variety of	PTS
	PTS*	early child PTS	early child PTS	including staff	child risk factors	symptoms
	symptoms	symptoms	symptoms	observation of child	including HR*	including peritraumatic
				responses	including riik	dissociation
Language(s)	Eng, Span	Eng	Eng	Eng	Eng	Eng; Fr
# of items	3- or 6- item	10 items	4 items	9 items	12 items	13 items
	screener					
Child ages	8 - 17	6 - 16	5 - 17	7 - 17	8 - 17	8 - 15
Source of information	child	child	parent	staff, med record	child, parent, med record	child
Who can administer	any staff	any staff	any staff	any staff	any staff	any staff
Time to administer	1 -2 min	2 - 3 min	1 -2 min	2 min	5 - 6 min	5-8 min
ESSENTIAL	ASC-Kids	CTSQ	CSDC	PsySTART	STEPP	PDI-C
1. Tool performance has						
been evaluated with	Yes	Yes	Yes	Not yet	Yes	Yes
injured children in a		. 63	. 63		. 63	
medical setting						
2. Evidence that				Yes – for	امندنما	
tool detects concurrent				concurrent	Initial	
psychological distress	Yes	Yes	Yes	PTSD &	positive	Yes
and/or predicts				depression	findings not	
persistent, ongoing distress				post-disaster	replicated	
3. Tool appears feasible						
for use in ED or inpatient	Yes	Yes	Yes	Yes	Yes	Yes
setting						
4. Evidence-based				Yes – for	Initial	
scoring guidelines	Yes	Yes	Yes	post-disaster	findings not	Yes
available	ACC IV. I	CTCO	CCDC	screening	replicated	DDI C
DESIRABLE	ASC-Kids	CTSQ	CSDC	PsySTART	STEPP	PDI-C
5. Multiple studies	V	V	V	NI -	NI -	V
provide evidence for screener performance	Yes	Yes	Yes	No	No	Yes
6. Evidence for						Developing
prediction of broader				Yes	No	for pediatric
spectrum of distress				163	140	population
7. Demonstrated						
feasibility and utility	Developing	Developing	Developing	Developing	Feasible	Developing
8. Evidence for good						
performance with injured						
patients similar to those	Fundaments for	Fundants for	Fundants for	Fundants for	Fundants for	Fuelusts for
you see in your setting	Evaluate for	Evaluate for	Evaluate for	Evaluate for	Evaluate for	Evaluate for
(e.g., age, culture,	your setting	your setting	your setting	your setting	your setting	your setting
language, injury types and						
severity)						

^{*}PTS= post-traumatic stress; **HR= heart rate

Find more information at https://www.healthcaretoolbox.org/screening-after-pediatric-injury



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