

Supplemental Table S1

Instrument	Items	DSM	Timeframe	Goal
Impact of Event Scale-Revised, IES-R (1)	22	4 (does not directly screen for alteration in mood) (2)	7 days	Assess distress; Preliminary PTSD diagnosis in adults
Davidson Trauma Scale, DTS (3)	17	4	7 days	Assess if criteria for PTSD are met in adults
PTSD Checklist-Civilian Version, PCL-C (4)	17	4	1 month	Provisional PTSD diagnosis in adults
UCLA PTSD Index for the DSM (5)	22	4	1 month	Assess likelihood of PTSD diagnosis in children
Child Trauma Screening Questionnaire (6)	10	5 (though does not screen for avoidance)	n/a	Identify children at risk for PTSD within 6 months of injury
Childhood PTSD Reaction Index	20	3-R (7)	n/a	Assess symptoms of PTSD in children
Other scales (not used by studies described in review; updated version of PCL-C)				
PTSD Checklist for DSM-5 (PCL-5) (8)	20	5	n/a	Provisional PTSD diagnosis; track symptoms during and after treatment

As with other psychiatric disorders, a structured clinical interview provides the most robust diagnostic determination of PTSD and is generally considered the gold standard. However, these interviews are time consuming and require a trained interviewer. Self-report instruments can be used to increase rate of participation in a study (less time intensive for the participant and less resource intensive for the study). For each instrument, Table S1 summarizes the number of items, which version of the DSM around which the questions are framed, the timeframe over which the instrument is interrogating symptoms, and the overall goal of the instrument (screening, tracking symptoms, etc). Information for the table comes from the APA website (<https://www.apa.org/ptsd-guideline/assessment>), studies from our review using the instrument in question, as well as the developer(s) for each instrument (references added as available).

1. Weiss DS, Marmar CR. The Impact of Event Scale - Revised. In: Wilson J, Keane TM, editors. Assessing psychological trauma and PTSD. New York: Guilford; 1996. p. 399-411.
2. McCabe D. The Impact of Events Scale - Revised (IES-R). Try This: Best Practices in Nursing Care to Older Adults The Hartford Institute for Geriatric Nursing, New York University Rory Meyers College of Nursing. 2019(19).

3. Davidson JR, Tharwani HM, Connor KM. Davidson Trauma Scale (DTS): normative scores in the general population and effect sizes in placebo-controlled SSRI trials. *Depress Anxiety*. 2002;15(2):75-8.
4. Blanchard EB, Jones-Alexander J, Buckley TC, Forneris CA. Psychometric properties of the PTSD Checklist (PCL). *Behav Res Ther*. 1996;34(8):669-73.
5. Steinberg AM, Brymer MJ, Decker KB, Pynoos RS. The University of California at Los Angeles Post-traumatic Stress Disorder Reaction Index. *Curr Psychiatry Rep*. 2004;6(2):96-100.
6. Kenardy JA, Spence SH, Macleod AC. Screening for posttraumatic stress disorder in children after accidental injury. *Pediatrics*. 2006;118(3):1002-9.
7. Goenjian AK, Pynoos RS, Steinberg AM, Najarian LM, Asarnow JR, Karayan I, et al. Psychiatric comorbidity in children after the 1988 earthquake in Armenia. *J Am Acad Child Adolesc Psychiatry*. 1995;34(9):1174-84.
8. Weathers FW, Litz BT, Keane TM, Palmieri PA, Marx BP, Schnurr PP. The PTSD Checklist for DSM-5 (PCL-5)2013.

Search Strategy Report:

Date: 9/16/2021

Total # of References: 1892

of Duplicates Removed: 879

Total # of References to Screen: 1013

Database: PubMed (MEDLINE)

Set #		Results
1	"Kidney Transplantation"[Mesh] OR "Kidney/transplantation"[Mesh] OR ("Transplant Recipients"[Mesh] OR "Transplants"[Mesh] OR "transplantation"[Subheading] OR transplant[tiab] OR transplants[tiab] OR transplantation[tiab] OR transplantations[tiab] OR graft[tiab] OR grafts[tiab] OR grafting[tiab]) AND ("Kidney"[Mesh] OR kidney[tiab] OR kidneys[tiab] OR renal[tiab]))	
2	"Resilience, Psychological"[Mesh] OR "Adaptation, Psychological"[Mesh] OR "Stress Disorders, Post-Traumatic"[Mesh] OR resilience[tiab] OR resiliences[tiab] OR resilient[tiab] OR resiliency[tiab] OR coping[tiab] OR coped[tiab] OR copes[tiab] OR thriving[tiab] OR thrived[tiab] OR thrives[tiab] OR "stress-related growth"[tiab] OR "positive growth"[tiab] OR "adversarial growth"[tiab] OR "existential growth"[tiab] OR "personal growth"[tiab] OR "positive psychological change"[tiab] OR "positive psychological changes"[tiab] OR "positive change"[tiab] OR "positive changes"[tiab] OR "perception of change"[tiab] OR "perceptions of change"[tiab] OR "benefit finding"[tiab] OR "perceived benefits"[tiab] OR "psychological adaptation"[tiab] OR "psychosocial adaptation"[tiab] OR "positive adaptation"[tiab] OR "psychological adjustment"[tiab] OR "psychosocial adjustment"[tiab] OR "positive adjustment"[tiab] OR "meaning-making"[tiab] OR "sense-making"[tiab] OR post-traumatic[tiab] OR "post traumatic"[tiab] OR posttraumatic[tiab] OR PTSD[tiab] OR "acute stress"[tiab]	
3	#1 AND #2	688
4	#3 AND English[lang]	613

Database: Scopus

Set #		Results
1	TITLE-ABS-KEY ((transplant OR transplants OR transplantation OR transplantations OR graft OR grafts OR grafting) AND (kidney OR kidneys OR renal))	
2	TITLE-ABS-KEY (resilience OR resiliences OR resilient OR resiliency OR coping OR coped OR copes OR thriving OR thrived OR thrives OR "stress-related growth" OR "positive growth" OR "adversarial growth" OR "existential growth" OR "personal growth" OR "positive psychological change" OR "positive psychological changes" OR "positive change" OR "positive changes" OR "perception of change" OR "perceptions of change"	

	OR “benefit finding” OR “perceived benefits” OR “psychological adaptation” OR “psychosocial adaptation” OR “positive adaptation” OR “psychological adjustment” OR “psychosocial adjustment” OR “positive adjustment” OR “meaning-making” OR “sense-making” OR post-traumatic OR “post traumatic” OR posttraumatic OR PTSD OR “acute stress”)	
3	#1 AND #2	793
4	#3 AND (LIMIT-TO (LANGUAGE , "English"))	704

Database: Embase

Set #		Results
1	'kidney transplantation'/exp OR (('graft recipient'/exp OR 'transplantation'/exp OR transplant:ti,ab OR transplants:ti,ab OR transplantation:ti,ab OR transplantations:ti,ab OR graft:ti,ab OR grafts:ti,ab OR grafting:ti,ab) AND ('kidney'/exp OR kidney:ti,ab OR kidneys:ti,ab OR renal:ti,ab))	
2	'psychological resilience'/exp OR 'psychological adjustment'/exp OR 'posttraumatic stress disorder'/exp OR 'posttraumatic growth'/exp OR resilience:ti,ab OR resiliences:ti,ab OR resilient:ti,ab OR resiliency:ti,ab OR coping:ti,ab OR coped:ti,ab OR copes:ti,ab OR thriving:ti,ab OR thrived:ti,ab OR thrives:ti,ab OR 'stress-related growth':ti,ab OR 'positive growth':ti,ab OR 'adversarial growth':ti,ab OR 'existential growth':ti,ab OR 'personal growth':ti,ab OR 'positive psychological change':ti,ab OR 'positive psychological changes':ti,ab OR 'positive change':ti,ab OR 'positive changes':ti,ab OR 'perception of change':ti,ab OR 'perceptions of change':ti,ab OR 'benefit finding':ti,ab OR 'perceived benefits':ti,ab OR 'psychological adaptation':ti,ab OR 'psychosocial adaptation':ti,ab OR 'positive adaptation':ti,ab OR 'psychological adjustment':ti,ab OR 'psychosocial adjustment':ti,ab OR 'positive adjustment':ti,ab OR 'meaning-making':ti,ab OR 'sense-making':ti,ab OR post-traumatic:ti,ab OR 'post traumatic':ti,ab OR posttraumatic:ti,ab OR PTSD:ti,ab OR 'acute stress':ti,ab	
3	#1 AND #2	657
4	#3 AND [english]/lim	607
5	#4 AND ('article'/it OR 'article in press'/it OR 'conference paper'/it OR 'conference review'/it OR 'letter'/it OR 'review'/it)	418

Database: APA PsycInfo

Set #		Results
1	(DE "Organ Transplantation" OR TI (transplant OR transplants OR transplantation OR transplantations OR graft OR grafts OR grafting) OR AB (transplant OR transplants OR transplantation OR transplantations OR graft OR grafts OR grafting)) AND (DE "Kidneys" OR TI (kidney OR kidneys OR renal) OR AB (kidney OR kidneys OR renal))	

2	DE "Resilience (Psychological)" OR DE "Emotional Adjustment" OR DE "Emotional Control" OR DE "Identity Crisis" OR DE "Posttraumatic Growth" OR DE "Posttraumatic Stress Disorder" OR DE "Complex PTSD" OR DE "DESNOS" OR TI (resilience OR resiliences OR resilient OR resiliency OR coping OR coped OR copes OR thriving OR thrived OR thrives OR "stress-related growth" OR "positive growth" OR "adversarial growth" OR "existential growth" OR "personal growth" OR "positive psychological change" OR "positive psychological changes" OR "positive change" OR "positive changes" OR "perception of change" OR "perceptions of change" OR "benefit finding" OR "perceived benefits" OR "psychological adaptation" OR "psychosocial adaptation" OR "positive adaptation" OR "psychological adjustment" OR "psychosocial adjustment" OR "positive adjustment" OR "meaning-making" OR "sense-making" OR post-traumatic OR "post traumatic" OR posttraumatic OR PTSD OR "acute stress") OR AB (resilience OR resiliences OR resilient OR resiliency OR coping OR coped OR copes OR thriving OR thrived OR thrives OR "stress-related growth" OR "positive growth" OR "adversarial growth" OR "existential growth" OR "personal growth" OR "positive psychological change" OR "positive psychological changes" OR "positive change" OR "positive changes" OR "perception of change" OR "perceptions of change" OR "benefit finding" OR "perceived benefits" OR "psychological adaptation" OR "psychosocial adaptation" OR "positive adaptation" OR "psychological adjustment" OR "psychosocial adjustment" OR "positive adjustment" OR "meaning-making" OR "sense-making" OR post-traumatic OR "post traumatic" OR posttraumatic OR PTSD OR "acute stress")	
3	#1 AND #2	187
4	#3 AND Narrow by Language: - english	157