

## Supplementary Online Content

Brenner LA, Betthausen LM, Penzenik M, et al. Development and validation of computerized adaptive assessment tools for the measurement of posttraumatic stress disorder among US military veterans. *JAMA Netw Open*. 2021;4(7):e2115707. doi:10.1001/jamanetworkopen.2021.15707

**eTable.** Existing Scales From Which the Item Bank Was Constructed

**eFigure.** One of Two Decision Trees for a Test in the CAD-PTSD (Exemplar)

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable. Existing Scales from which the Item Bank Was Constructed**

<b>Measure</b>	<b>Abbreviation</b>	<b>Citation</b>
Combat Exposure Scale	CES	Keane T, Fairbank J, Caddell J, Zimering R, Taylor K, Mora C. Clinical evaluation of a measure to assess combat exposure. <i>Psychological Assessment</i> . 1989;1(1):53-55
Davidson Trauma Scale	DTS	Davidson J. Davidson Trauma Scale (DTS). North Tonawanda, NY: Multi-Health Systems, Inc. 1996
Deployment Risk and Resilience Inventory-2	DRRI-2	Vogt D, Smith BN, King LA, King DW, Knight J, Vasterling JJ. Deployment Risk and Resilience Inventory-2 (DRRI-2): An updated tool for assessing psychosocial risk and resilience factors among service members and veterans. <i>Journal of Traumatic Stress</i> . 2013;26(6):710-717. doi: 10.1002.jts.21868 PILOTS ID: 87988
Impact of Event Scale - Revised	IES-R	Weiss DS, Marmar CR. The Impact of Event Scale-Revised. In J.P. Wilson, & T.M. Keane (Eds.), <i>Assessing Psychological Trauma and PTSD: A Practitioner's Handbook</i> . New York: Guilford Press. 1997;399-411
Los Angeles Symptoms Checklist	LASC	King LA, King DW, Leskin GA, Foy DW. (1995). The Los Angeles Symptom Checklist: a self-report measure of posttraumatic stress disorder. <i>Assessment</i> . 1995;2:1-17
Minnesota Multiphasic Personality Inventory 2 PK scale	MMPI-2, PK Scale	Lyons JA, Terence MK. "Keane PTSD scale: MMPI and MMPI-2 update." <i>Journal of Traumatic Stress</i> . 1992;5(1):111-117
Modified PTSD Symptom Scale	MPSS-SR	Falsetti SA, Resnick HS, Resick PA, Kilpatrick DG. The Modified PTSD Symptom Scale: A brief self-report measure of posttraumatic stress disorder. <i>The Behavior Therapist</i> . 1993;16(6):161-162
National Stressful Events Survey Acute Stress Disorder Short Scale - Severity of PTS Symptoms	NSESSS	Kilpatrick DG, Resnick HS, Friedman MJ. National Stressful Events Survey PTSD Short Scale (NSESSS-PTSD). <i>Scale available from <a href="http://www.psychiatry.org/practice/dsm/dsm5/online-assessment-measures#Disorder">http://www.psychiatry.org/practice/dsm/dsm5/online-assessment-measures#Disorder</a></i> . 2013

Personality Assessment Inventory, Traumatic Stress Subscale	PAI; ARD-T	Morey LC. The Personality Assessment Inventory professional manual. Odessa, FL: Psychological Assessment Resources. 1991
Primary Care PTSD Screen	PC-PTSD	Prins A, Ouimette P, Kimerling R, Cameron RP, Hugelshofer DS, Shaw-Hegwer J, Thrailkill A, Gusman FD, Sheikh JI. The Primary Care PTSD Screen (PC-PTSD). <i>Primary Care Psychiatry</i> . 2004;9:151
PTSD Check List - Civilian	PCL-C	Blanchard EB, Jones AJ, Buckley TC, Forneris CA. Psychometric properties of the PTSD Checklist (PCL). <i>Behaviour Research and Therapy</i> . 1996;34:669-673
PTSD Checklist 5	PCL-5	Weathers FW, Litz BT, Keane TM, Palmieri PA, Marx BP, Schnurr PP. The PTSD Checklist for DSM-5 (PCL-5). <i>Scale available from the National Center for PTSD at www.ptsd.va.gov</i> . 2013;10
Revised Civilian Mississippi Scale	RCMS	Norris FH, Perilla J. Reliability, validity, and cross-language stability of the Revised Civilian Mississippi Scale for PTSD. <i>Journal of Traumatic Stress</i> . 1996;9:285-298
Screen for Post Traumatic Stress Symptoms	SPTSS	Carlson E. The Screen for Posttraumatic Stress Symptoms (SPTSS) . Measurement Instrument Database for the Social Science. <i>Scale available from www.midss.org</i> . 2012
The Mississippi Scale for Combat-Related PTSD	M-PTSD	Keane TM, Caddell JM, Taylor KL. Mississippi scale for combat-related posttraumatic stress disorder: Three studies in reliability and validity. <i>Journal of Consulting and Clinical Psychology</i> . 1988;56:85-90
Trauma Symptom Checklist 40	TSC-40	Briere J, Runtz M. The Trauma Symptom Checklist (TSC-33): Early data on a new scale. <i>Journal of Interpersonal Violence</i> . 1989;4:151-163

eFigure. One of Two Decision Trees for a Test in the CAD-PTSD (Exemplar)

