

Are the Screening Tools Validated?

Yes. MHA uses screening tools that are validated by research and used in primary care settings to screen for mental health conditions.

The research validating our tools for each screen is listed below:

Depression: PHQ-9

- Kroenke, K., Spitzer, R. L., & Williams, J. B. (2001). The Phq-9. *Journal of general internal medicine*, 16(9), 606-613. <http://onlinelibrary.wiley.com/doi/10.1046/j.1525-1497.2001.016009606.x/pdf>
- Martin, A., Rief, W., Klaiberg, A., & Braehler, E. (2006). Validity of the brief patient health questionnaire mood scale (PHQ-9) in the general population. *General hospital psychiatry*, 28(1), 71-77. <http://www.sciencedirect.com/science/article/pii/S0163834305001179>
- Arroll, B., Goodyear-Smith, F., Crengle, S., Gunn, J., Kerse, N., Fishman, T., ... & Hatcher, S. (2010). Validation of PHQ-2 and PHQ-9 to screen for major depression in the primary care population. *The Annals of Family Medicine*, 8(4), 348-353. <http://www.annfammed.org/content/8/4/348.short>

Anxiety: GAD-7

- Ruiz, M. A., Zamorano, E., García-Campayo, J., Pardo, A., Freire, O., & Rejas, J. (2011). Validity of the GAD-7 scale as an outcome measure of disability in patients with generalized anxiety disorders in primary care. *Journal of affective disorders*, 128(3), 277-286. <http://www.sciencedirect.com/science/article/pii/S016503271000491X>
- Spitzer, R. L., Kroenke, K., Williams, J. B., & Löwe, B. (2006). A brief measure for assessing generalized anxiety disorder: the GAD-7. *Archives of internal medicine*, 166(10), 1092-1097. <http://archinte.jamanetwork.com/article.aspx?articleid=410326>
- Löwe, B., Decker, O., Müller, S., Brähler, E., Schellberg, D., Herzog, W., & Herzberg, P. Y. (2008). Validation and standardization of the Generalized Anxiety Disorder Screener (GAD-7) in the general population. *Medical care*, 46(3), 266-274. http://journals.lww.com/lww-medicalcare/Abstract/2008/03000/Validation_and_Standardization_of_the_Generalized.6.aspx

PTSD: PC-PTSD

- Cameron, R. P., & Gusman, D. (2003). The primary care PTSD screen (PC-PTSD): development and operating characteristics. *Primary Care Psychiatry*, 9(1), 9-14. [https://msrc.fsu.edu/system/files/Prins%20et%20al%202003%20The%20primary%20care%20PTSD%20screen%20\(PC-PTSD\).pdf](https://msrc.fsu.edu/system/files/Prins%20et%20al%202003%20The%20primary%20care%20PTSD%20screen%20(PC-PTSD).pdf)
- U.S. Department for Veterans Affairs. Primary Care PTSD Screen (PC-PTSD). <http://www.ptsd.va.gov/professional/assessment/screens/pc-ptsd.asp>

Bipolar: MDQ

- Hirschfeld, R. M., Holzer, C., Calabrese, J. R., Weissman, M., Reed, M., Davies, M., ... & Hazard, E. (2014). Validity of the mood disorder questionnaire: a general population study. *American Journal of Psychiatry* 2003 160:1, 178-180
<http://ajp.psychiatryonline.org/doi/10.1176/appi.ajp.160.1.178>
- Hirschfeld, Robert M.A., M.D., Janet B.W. Williams, D.S.W., Robert L. Spitzer, M.D., Joseph R. Calabrese, M.D., Laurie Flynn, Paul E. Keck, Jr., M.D., Lydia Lewis, Susan L. McElroy, M.D., Robert M. Post, M.D., Daniel J. Rapport, M.D., James M. Russell, M.D., Gary S. Sachs, M.D., John Zajecka, M.D., "Development and Validation of a Screening Instrument for Bipolar Spectrum Disorder: The Mood Disorder Questionnaire." *American Journal of Psychiatry* 157:11 (November 2000) 1873-1875.
<http://ajp.psychiatryonline.org/doi/abs/10.1176/appi.ajp.157.11.1873>

Alcohol and Substance Use: CAGE-AID

- Brown RL, Rounds, LA. Conjoint screening questionnaires for alcohol and other drug abuse: criterion validity in a primary care practice. *Wisconsin Medical Journal*. 1995:94(3) 135-140.
<http://europepmc.org/abstract/med/7778330>
- Couwenbergh, C., Van Der Gaag, R. J., Koeter, M., De Ruiters, C., & Van den Brink, W. (2009). Screening for substance abuse among adolescents validity of the CAGE-AID in youth mental health care. *Substance use & misuse*, 44(6), 823-834.
<http://www.tandfonline.com/doi/abs/10.1080/10826080802484264#.VIM6ZnarTct>

Youth - PSC 35

- M. Jellinek & J.M. Murphy, Massachusetts General Hospital and Bright Futures in Practice: Mental Health, 2002. For more information visit http://www.massgeneral.org/psychiatry/services/psc_home.aspx
- Jellinek, M. S., Murphy, J. M., Little, M., Pagano, M. E., Comer, D. M., & Kelleher, K. J. (1999). Use of the Pediatric Symptom Checklist to screen for psychosocial problems in pediatric primary care: a national feasibility study. *Archives of pediatrics & adolescent medicine*, 153(3), 254-260.
<http://archpedi.jamanetwork.com/article.aspx?articleid=345702>

Parent - PSC Parent 17

- Pediatric Symptom Checklist (PSC): 1988, M. Jellinek & J.M. Murphy, Massachusetts General Hospital and Bright Futures in Practice: Mental Health, 2002. For more information visit http://www.massgeneral.org/psychiatry/services/psc_home.aspx

Psychosis - PQ-B

- Loewy, R. L., Pearson, R., Vinogradov, S., Bearden, C. E., & Cannon, T. D. (2011). Psychosis risk screening with the Prodromal Questionnaire—brief version (PQ-B). *Schizophrenia research*, 129(1), 42-46.
<http://www.sciencedirect.com/science/article/pii/S0920996411001770>

Eating Disorder Screen

- The Stanford-Washington University Eating Disorder Screen (SWED) is developed by Drs. C. Barr Taylor, Katherine Balantekin, Ellen Fitzsimmons-Craft, Andrea Kass, Mickey Trockel, and Denise Wilfley and was made possible by grant funding from the National Institute of Mental Health (R01 MH081125 and R01 MH100455). Validation research in progress.