

Side by Side Comparison of Whooley Questions and PHQ-2*

Tool	Whooley Questions	PHQ-2	
Original source	“Patient Questionnaire” (PRIME-MD Part I) ^a	“Clinician Evaluation” (PRIME-MD Part II) ^a	
Validation	Whooley et al, 1997 ^b	Kroenke et al, JGIM, 2003 ^c	
Prompt	During the past month, have you often been bothered by:	Over the last 2 weeks, how often have you been bothered by:	
Symptoms	1. Feeling down, depressed, or hopeless? 2. Little interest or pleasure in doing things?		
Response format	Yes/No	Multiple choice	
Response categories	0=No 1=Yes	0=Not at all 1=Several days 2=More than half the days 3=Nearly every day	
Score range	0 to 2	0 to 6	
Cutpoint	≥1	≥2	≥3
Sensitivity ^{d,e}	95%	91%	76%
Specificity ^{d,e}	65%	70%	87%

^a Spitzer RL, Williams JB, Kroenke K, et al. Utility of a new procedure for diagnosing mental disorders in primary care. The PRIME-MD 1000 study. *JAMA* 1994;272:1749-56.

^b Whooley MA, Avins AL, Miranda J, Browner WS. Case-finding instruments for depression. Two questions are as good as many. *J Gen Intern Med*. Jul 1997;12(7):439-445.

^c Kroenke K, Spitzer RL, Williams JB. The Patient Health Questionnaire-2: validity of a two-item depression screener. *Med Care*. Nov 2003;41(11):1284-1292.

^d Manea L, Gilbody S, Hewitt C, North A, Plummer F, Richardson R, Thombs B, Williams B, McMillan D. Identifying depression with the PHQ-2: A diagnostic meta-analysis. *J Affective Disorders* 2016. 203:382-395.

^e Bosanquet K, Bailey D, Gilbody S, et al. Diagnostic accuracy of the Whooley questions for the identification of depression: a diagnostic meta-analysis. *BMJ open* 2015. 5(12):e008913.