Validity Example

	Sample instrument	Intended inference from scores*	Potential sources of information for each validity evidence category					
			Content	Response process	Internal structure	Relations to other variables	Consequences	
Multiple-choice exam	Internal medicine certifying exam	"Competence in the diagnosis and treatment of common conditions and excellence in the broad domain of internal medicine" ²²	Test blueprint; qualifications of question writers; well- written questions	Clarity of instructions; student thought process as he or she answers the questions; test security and scoring	Internal consistency; item discrimination	Correlation with clinical rotation grades, scores on other tests, or long- term follow-up of patient outcomes	Method of determining exam pass/fail score; differential pass/fail rates among examinees expected to perform similarly	
Clinical performance evaluation	Mini-CEX	"Clinical competence of candidates for certification" ⁸	Test blueprint; qualifications of question writers; well- written questions	Rater training; rater thought process as he or she observes performer; test scoring	Inter-rater reliability; factor analysis to identify distinct dimensions of clinical performance	Correlation with scores on other performance assessments	Method of determining pass/fail score; differential pass/fail rates among examinees expected to perform similarly	
Patient assessment	PRIME-MD	This patient has one or more "of 18 possible current mental disorders" ³	Qualifications of question writers; well-written questions; evidence that questions adequately represent domain	Language barrier; patient thought process as he or she answers the questions		Correlation with clinically diagnosed depression; scores from other depression assessments, or health care use	Method of determining score thresholds; improvement in patient outcomes after implementation of this instrument	
Questionnaire	Lung Cancer Symptom Scale	"Physical and functional dimensions of quality of life" ⁵	Well-written questions; evidence that questions adequately represent domain	Language barrier; patient thought process as he or she answers the questions	Internal consistency; factor analysis	Correlation with an objective assessment of quality of life, eg, hospitalization	Improvement in patient outcomes after implementation of this instrument	

Mini-CEX = Mini-clinical evaluation exercise; PRIME-MD = Primary Care Evaluation of Mental Disorders.

^{*}Intended inference as represented by instrument authors in cited publication.

Teaching Scholars: Source of information for each validity evidence category											
Instrument type	Instrument name	Intended inference from scores	Content	Response process	Internal structure	Relations to other variables	Consequences				