Supplementary material.

Table 4. Characteristics of PROMs that assess other constructs.

	Publication: Author, year [reference]	Instrument	Acronym	Aim	Dimensions	Number of items	Original language and adaptations	Studies published last 10 years	Reliability	Validity	Respon-siveness
1	Rumbaugh DM, 1964 [67]	Cardiac Adjustment Scale	CAS	"to be used in predicting potential for return to work"		160	English (UK)	yes		Construct validity	
2	Barnason SA, 1992 [68]	Heart Disease Management Questionnaire	HDMQ	"to measure the subject's cognitive knowledge related to heart disease management"	Disease and pathophysiology Diet Exercise and activity Self-care management	20	English (USA)	no	Internal consistency	Content validity	
3	Barnason SA, 1992 [68]	Cardiac Surgical Patient Perceived Self-efficacy	CSPPSE	"to measure participant perception of their self-efficacy"	Functional activities Psychological adjustment Exercise Dietary Self-care management	20	English (USA)	no	Internal consistency	Content validity	
4	Moser DK, 1995 [70]	Control Attitudes Index/Control Attitudes Scale (original and reviewed)	CAS-R	"to measure the degree to which patients feel they have control related to their cardiac disease"		8	English (USA) + 1 language	yes	Internal consistency Reproducibility	Construct validity	
5	Hare DK, 1996 [72]	Cardiac Depression Scale	CDS	"an easily administered self-rating cardiac depression scale, derived from the cardiac patients themselves, for reliable measurement of depression in the range commonly found in this particular population"		26	English (Australia) + 8 languages	yes	Internal consistency Reproducibility	Content validity Criterion validity Construct validity	yes
6	Bennett SJ, 1996 [73]	Cardiac Event Threat Questionnaire	CTQ	"to measure threat related to cardiac events"	Fatigue General health Disease-specific symptoms Work Family	32	English (USA)	yes	Internal consistency Reproducibility	Construct validity	
7	Lerner DJ, 1997 [74]	Angina-related Limitations at Work Questionnaire	ALWQ	"to measure work limitations related to angina"		17	English (USA)	no	Internal consistency	Content validity Construct validity	
8	Sullivan MD, 1998 [75]	Cardiac self-efficacy scale	CSE	"to elucidate the role that self-efficacy plays in the translation of disease into symptoms and disability in coronary populations"	Symptoms control Functions maintenance	13	English (USA) + 1 language	yes	Internal consistency	Content validity Construct validity	
9	The ENRICHD Investigators, 2000 [76]	Enhancing Recovery in Coronary Heart Disease social support	ENRICHD-social support	"developed for the ENRICH study by identifying items for structural, instrumental and emotional support previously found to be predictive of mortality individually in cardiovascular patients"		5 or 7	English (USA) + 1 language	yes	Internal consistency Reproducibility	Construct validity	

No.	Author, Year	Instrument	Abbr.	Description	Domains	Items	Language		Reliability	Validity	
10	Eifert GH, 2000 [77]	Cardiac Anxiety Questionnaire	CAQ	"to measure heart-focused anxiety in persons with and without heart diseases"	Fear Avoidance Attention	18	English (USA) + 4 languages	yes	Internal consistency Reproducibility	Construct validity	
11	Barnason SA, 2002 [69]	Barnason Efficacy Expectation Scale	BEES	"to determine the coronary artery bypass grafting patient's self-efficacy related to risk-related-reduction-aspect of recovery and lifestyle adjustment following surgery"		15	English (USA) + 1 language	yes	Internal consistency	Content validity Construct validity	
12	Di Bendetto M., 2005 [78]	Cardiac Depression Visual Analogue Scale	CDVAS	"a rapid and easy method of assessing depressed mood in post-acute coronary population"		6	English (Australia)	yes	Internal consistency Reproducibility	Content validity Construct validity	
13	Young, Q-R., 2007 [79]	Screening Tool for Psychological Distress	STOP-D	"to assess psychosocial constructs: depression, anxiety, stress, anger, and social support"		5	English (Canada)	yes		Content validity Criterion validity	
14	Riegel B., 2007 [71]	Acute Coronary Syndrome Response Index	ACS-RI	"a measure of patient knowledge, attitudes, and beliefs regarding acute coronary syndrome"	Knowledge Attitude Belief	33	English (Australia, New Zealand, USA) + 2 languages	yes	Internal consistency	Content validity Construct validity	
15	Abberger B., 2013 [80–85, 101]	Computer adaptive test for cardiac patients undergoing rehabilitation	RehaCAT Cardio	"an item bank for the assessment of activities of daily living, anxiety, work capacity and treatment motivation in cardiovascular rehabilitation patients"		Item banks	German	yes	Internal consistency	Construct validity	yes [c]
16	Chang CW., 2014 [86]	Perceptions of coronary heart disease scale	PCS	"to assess individuals' perceptions of CHD"	Seriousness Risk	9	Chinese	yes	Internal consistency	Content validity Construct validity	
17	Steca P., 2015 [87]	The Cardiovascular Management Self-efficacy Scale	CMSS	"to assess cardiovascular patients' beliefs in their ability to manage their disease in terms of some important key areas"	Cardiac risk factors Adherence to therapy Symptom recognition	9	Italian + 1 language	yes	Internal consistency Reproducibility	Content validity Construct validity	
18	Odell A., 2017 [88]	Expectation Questionnaire[a]	ExpQ	"to assess patient expectations and perceptions before and after the care process including coronary angiography and any subsequent treatment in individuals with suspected CHD"		11 and 7	Swedish	yes	Reproducibility	Content validity Construct validity	
19	Dickson VV., 2017 [89]	Self-Care of Coronary Heart Disease Inventory	SC-CHDI	"to reflect the theoretical constructs of self-care maintenance, management and confidence in stable CHD individuals"	Maintenance Management Confidence	22	English (USA) + 4 languages (v2) and English (USA) + 11 languages (v2.2)	yes	Internal consistency	Content validity Construct validity	
20	Jackson A., 2020 [90]	Cardiac Distress Inventory[b]	CDI	"a measure of persistent psychological and emotional distress in cardiac patients"		-	English + 5 languages in development (Italian, Hebrew, Arabic, Farsi and Spanish.)	in development			

[a]Instrument developed for the study.

[b]Instrument in development (protocol published)

[c]Different forms for specific domains of the RehaCAT-Cardio item bank have been developed examining construct validity and internal consistency reliability based on Item Response Theory and, in the case of the ACAT-cardio (Anxiety in cardiovascular rehabilitation patients), also responsiveness was tested.

Supplementary material.

Search strategy: (("ischemic heart disease" OR "coronary heart disease" OR "coronary artery disease" OR angina OR "angina pectoris" OR "myocardial infarction" OR "acute coronary disease" OR "ischemic heart failure" OR "myocardial ischemia" OR "coronary disease" OR "acute coronary syndrome" OR "coronary syndrome") AND (questionnaire OR questionnaires OR instrument OR scale OR index OR "patient-reported outcome")) AND ("quality of life" OR "perceived health" OR "health status") AND Filters: Review, Systematic Review