

This is an Open Access document downloaded from ORCA, Cardiff University's institutional repository:<https://orca.cardiff.ac.uk/id/eprint/171974/>

This is the author's version of a work that was submitted to / accepted for publication.

Citation for final published version:

Stokholm, Rikke Nicoline, Stenholt, Louise, Lauridsen, Henrik Hein, Edwards, Adrian , Andersen, Berit and Larsen, Mette Bach 2024. The validity of instruments to measure knowledge in population-based cancer screening targeting individuals at average risk – A systematic review. *Preventive Medicine* 182 , 107940. 10.1016/j.ypmed.2024.107940

Publishers page: <http://dx.doi.org/10.1016/j.ypmed.2024.107940>

Please note:

Changes made as a result of publishing processes such as copy-editing, formatting and page numbers may not be reflected in this version. For the definitive version of this publication, please refer to the published source. You are advised to consult the publisher's version if you wish to cite this paper.

This version is being made available in accordance with publisher policies. See <http://orca.cf.ac.uk/policies.html> for usage policies. Copyright and moral rights for publications made available in ORCA are retained by the copyright holders.



Table 4: Summary of assessments - Other Measurement Properties							
		Risk of Bias assessment					Responsiveness
		Structural validity	Internal consistency	Reliability	Criterion validity	Construct validity (Hypothesis testing)	
Breast cancer screening							
Chamot et al. 2002	Ad hoc instrument	-	D	-	-	-	-
Goel et al. 2011	Ad hoc instrument	-	D	-	-	-	I
Hickey et al. 2013	Ad hoc instrument						I
Kagawa-Singer et al. 2009	Ad hoc instrument	-	-	-	-	-	D
Lee et al. 2017	Revised Breast Cancer knowledge test	-	D	-	-	-	I
McCance et al. 1990	Breast Cancer knowledge test	I	V	-	-	-	-
Price et al. 1994	Ad hoc instrument	-	-	I	-	-	-
Reder et al. 2019	Informed Choice in Mammography Screening Questionnaire (IMQ)	V	V	-	-	A	-
Schonberg et al. 2014	Ad hoc instrument	-	-	-	-	-	A
Van Agt et al. 2012	Ad hoc instrument	-	D	-	-	-	-
Colorectal cancer screening							
Gabel et al. 2019	Ad hoc instrument	A	V	-	-	-	-
Green and Kelly et al. 2004	CRC Knowledge, Perception and Screening Survey	-	D	-	-	-	-
Peterson et al. 2007	Ad hoc instrument	-	D	-	-	-	-
Ramirez-Amill et al. 2017	Ad hoc instrument	-	D	-	-	-	-
Sanchez et al. 2015	CRC Knowledge Assessment Survey (KAS)	-	D	-	-	-	-
Sepucha et al. 2014	CRC-DQI (DQI knowledge score)	-	-	I	-	I	
Smith et al. 2012	Ad hoc instrument	-	-	-	-	-	I
Smith et al. 2015	Ad hoc instrument	-	D	-	-	I	-
Steckelberg et al. 2011	Ad hoc instrument	-	-	-	-	A	-
Weinrich et al. 1992	Colorectal cancer Knowledge questionnaire	-	D	I	-	-	-

Wolf et al. 2005	Ad hoc instrument	A	V	-	-	-	-
Cervical cancer screening							
Breitkopf et al. 2005	Ad hoc instrument	-	D	I	-	-	-
Haward et al. 2022, Griffin-Mathieu et al. 2022	HPV Testing Knowledge Scale (HTKS)	V	V	-	I	-	-
Waller et al. 2013	HPV testing knowledge	V	V	D	-	D	-

V= Very good; A=Adequate; D=Doubtful; I=Inadequate; - not investigated