OMERACT — Outcome Measures in Rheumatology

Summary of Measurement Properties Table

Instrument studied (& version): Michigan Hand Questionnaire (MHQ) overall function/activities of daily living

Background and target use

Target Domain:	Physical function		Dates & initial assessment		

Definition:			**Working Group signoff:**		**Review:**
			Truth (domain match)	endorsed	**start** **end**
			Feasibility		March 7 2020

Target Population:	Intervention(s):	Control:	Desired use:
Patients with hand osteoarthritis	All pharmacological and non-pharmacological interventions targeting symptom or structure modification	Placebo or standard care	Clinical trials of symptom or structure modification, or observational studies

Review findings*

		Truth		Discrimination			
Source							
Author, ref	**Year**	Construct validity	Inter-method reliability	Test- retest reliability	Longitudinal construct validity†	Clinical trial discrimination	Thresholds of meaning
Marks	2014	±		+	+		+
Bijsterbosch	2010	+					
Kroon	2018	+			+		
Poole	2010			+			
Sears	2010				+		
Adams	2014					+	
Arzapour	2017					+	
Kroon	2019					±	
Hand OA working group, unpublished							±

Synthesis

Studies per property (n)		4		2	3	3	2
used in synthesis		3		2	3	3	2
Synthesis statement per property‡		GREEN		GREEN	AMBER	AMBER	AMBER
OMERACT Endorsement¶		Based on these findings & the OMERACT algorithm, this instrument is:					
Date ratified:		**Provisionally Endorsed.**					
		Research agenda: re-assess clinical trial discrimination in future trials that incorporate this outcome measure; publish additional analyses of thresholds of meaning in peer-reviewed journal.					