



Summary of Measurement Properties Table

Instrument studied (& version): Forced Vital Capacity (FVC)

Background and target use

Target Domain:	lung physiology/ function	Dates & initial assessment			
Definition:		Working Group signoff:	Review:		
		Truth (domain match)	endorsed	start	end
		Feasibility	endorsed		July 5 2020
Target Population:	Intervention(s):	Control:	Desired use:		
Systemic sclerosis with interstitial lung disease	immunosuppressive or anti-fibrotic therapy	Placebo	clinical trials		

Review findings*

Source		Truth		Discrimination			
Author, ref	Year	Construct validity	Inter-method reliability	Test-retest reliability	Longitudinal construct validity†	Clinical trial discrimination	Thresholds of meaning
Burt, ⁴⁶	2011					+	
Daoussi, ⁴⁷	2017					+	
Dietler, ⁴⁸	2019					+	
Domiciano, ⁴⁹	2011					-	
Fraticeili, ⁵⁰	2014						
Hoyles, ⁵¹	2006					+	
Khanna, ⁵²	2011						
Khanna, ⁵³	2018					+	
Pakas, ⁵⁴	2002	±				+	
Sircar, ⁵⁵	2018					+	
Sullivan, ⁵⁶	2018					+	
Tashkin, ²⁷	2006					+	
Tashkin, ²⁸	2016					+	
Assassi, ⁵⁷	2010						
Baron, ⁵⁸	2008						
Buch, ⁵⁹	2007	-					
Goh, ⁶⁰	2008	+					+
Goh, ⁶¹	2017				+		+
Goldin, ⁶²	2008	+					
Goldin, ⁶³	2009	+			±		
Goldin, ⁶⁴	2018				±		
Guler, ⁶⁵	2018				±		
Hax, ⁶⁶	2017						+
Hoffman-Vald, ⁶⁷	2015	+			+		
Kafaja, ⁶⁸	2018			+			
Khannah, ⁶⁹	2005	±					
khannah, ⁷⁰	2009				+		
khannah, ⁷¹	2015				+		
Mango, ⁷²	2018						
Moore, ⁷³	2013	-			-		±
Moore, ⁷⁴	2015	+			+		
Morisset, ⁷⁴	2017						
Ross, ⁷⁵	2019				+		+
Roth, ⁷⁶	2011				±		
Ryerson, ⁷⁷	2015	+					
Salaffi, ⁷⁸	2016	+					
Showalter, ⁷⁹	2018						
Steen, ⁸⁰	1997	+			+		+
Sullivan, ⁸¹	2015						
Tashkin, ⁸²	2007					+	
Tashkin, ⁸³	2016	±					
Tashkin, ⁸⁴	2017	±			-		
Theodore, ⁸⁵	2012	-					
Volkman, ⁸⁶	2015						
Volkman, ⁸⁷	2017						
Volkman, ⁸⁹	2019						
Volkman, ⁸⁸	2019	+			+		
Wallace, ⁸⁹	2015	+			+		

Clinical Trials

Observational Studies

Synthesis

Studies per property (n)	30		2	18	15	8
used in synthesis	16		2	15	12	7
Synthesis statement per property†	GREEN		GREEN	GREEN	GREEN	GREEN

OMERACT Endorsement‡
 Date ratified: **Endorsed.**

Based on these findings & the OMERACT algorithm, this instrument is: