



Summary of Measurement Properties Table

Instrument studied (& version): Diffusion Capacity of Carbon Monoxide

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	Year	Truth		Discrimination			
		Construct validity	Inter-method reliability	Test-retest reliability	Longitudinal construct validity†	Clinical trial discrimination	Thresholds of meaning
Burt, ⁵²	2011						
Burt, ⁵³	2011					-	
Distler, ⁵⁴	2019					-	
Domiciano, ⁵⁵	2011					-	
Fraticeilli, ⁵⁶	2014					-	
Hoyles, ⁵⁷	2006					-	
Khanna, ⁵⁸	2011					-	
Khanna, ⁵⁹	2018					-	
Pakas, ⁶⁰	2002					-	
Sircar, ⁶¹	2018					-	
Sullivan, ⁶²	2018					-	
Tashkin, ²⁷	2006					-	
Tashkin, ²⁸	2016					-	
Assassi, ⁶³	2010						
Baron, ⁶⁴	2008						
Buch, ⁶⁵	2007	-					
Goh, ⁶⁶	2008	+					
Goh, ⁶⁷	2017				+		+
Goldin, ⁶⁸	2008	+					
Goldin, ⁶⁹	2009	-			-		
Goldin, ⁷⁰	2018				±		
Guler, ⁷¹	2018				±		
Hax, ⁷²	2017						
Hoffman-Vold, ⁷³	2015	+					
Kafaja, ¹⁵	2018						
Khannah, ⁷⁴	2005	±					
khannah, ⁷⁵	2009						
khannah, ⁷⁶	2015			-			
Mango, ⁷⁷	2018						
Moore, ⁷⁸	2013	-			-		±
Moore, ⁷⁹	2015	+			+		+
Morisset, ⁸⁰	2017	+					
Ross, ⁸¹	2019				+		+
Roth, ⁸²	2011						
Ryerson, ⁸³	2015	±					
Salaffi, ⁸⁴	2016	+					
Showalter, ⁸⁵	2018	±					
Steen, ⁸⁶	1997	+					
Suliman, ⁸⁷	2015						
Tashkin, ⁸⁸	2007					-	
Tashkin, ⁸⁹	2016	+					
Tashkin, ⁹⁰	2017	±					
Theodore, ⁹¹	2012	-					
Volkman, ¹²	2015						
Volkman, ⁹²	2017						
Volkman, ²¹	2019						
Volkman, ⁹³	2019				+		
Wallace, ⁹⁴	2015	+			+		

Clinical Trials

Observational Studies

Synthesis

Studies per property (n)	28		0	12	14	6
used in synthesis	18		0	10	9	4
Synthesis statement per property†	GREEN		WHITE	GREEN	RED	AMBER

OMERACT Endorsement%
 Date ratified: **Not Yet Endorsed.**