Reviewer ID: Carlos L. Cano Herrera

Last updated: February 26th, 2024

Research Summary – 4 Functional Tests for Persons who Self-Propel a Manual Wheelchair (4FTPSMW) – Wheeled Mobility

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample		Validity				Reliability			Responsiveness Interpretability		
<u>May et al.</u> 2003 Methodological	Group 1: N=10 patients, Avg. age = 33 years Group 2: N=10 patients Avg age = 29 All participants had a neurological condition affecting the spinal cord Table 1. SEM and MDC		ilate	d from	May		Test-reter rater, Int Final 4 ta (P<.001) All except push: ICC (P<.001)	ra-rater sks: r= 0 t 1-strok := 0.99	r: 9).99 :e	Interpreta See table 1		
Rehabilitation		SEM MDC										
Centre in	Forward wheeling		0.82 seconds 2.2'		7 seconds							
Canada	Forward vertical rea	ich	0.91 cm 2.5		2 cm							
	Ramps ascent8.17 seconds2		22.	2.65 seconds								
	One-stroke push 3.84 cm 10.6					64 cm						
	Table 2. Test-retest scores for the 4 functional tasks: Forward Forward vertical Ramp ascent One-stroke										roke	
		whee	eling (s)		reach (c		:m)	(s)		push (cm)		
	Trials	1		2	1		2	1	2	1	2	
	Avg score	14.7		14.6	160.7	7	160.8	39.6	34.4	102.1	109.8	

Reviewer ID: Carlos L. Cano Herrera

Last updated: February 26th, 2024

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample		Validit	у	Reliability			Responsiveness Interpretability	
	Standard deviation	8.2	7.3	9.1	10.1	81.7	70.1	38.4	40.6
	Minimum	6.9	6.6	147.4	145.6	3.2	3.2	45.7	47.7
	Maximum	34.3	31.0	172.3	173.6	255.1	219.9	175.5	188.7