Reviewer ID: Tyra Chu, Carlos L. Cano Herrera

Last updated: February 13rd, 2024

Research Summary – Self Care Assessment Tool (SCAT) – Self Care and Daily Living

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample	Validity	Reliability	Responsiveness Interpretability
[McFarland et al.](#) 1992 Assessment tool development Not specified	Group 1: N=16, mean age 41yrs (range 24-57yrs) 2 cervical, 4 T1-6, 5 T7-12, 5 lumbar. Jackson V.A. Medical Centre patients (JVAMC). Group 2: N=13, mean age 50yrs (range 40-65yrs) 0 cervical, 6 T1-6, 4 T7-12, 1 lumbar. Birmingham V.A. Medical Centre patients (BVAMC). Group 3: N=18, mean age 24yrs (range 14-42yrs) 1 cervical, 4 T1-6, 9 T7-12, 4 lumbar.	Self-care areas and individual cognitive and functional items were established percent agreement between 10 clinical nurse specialists. All areas of the scale reached 90% or greater agreement. 100% agreement for functional items for 4 of the 8 self-care areas (bathing/grooming, taking meds, skin management, bladder management). 90% agreement for functional items for 4 of the 8 self-care areas (nutritional management, mobility/transfers/safety, bowel	**Test-retest, inter-rater, intra-rater:** Phase III: Cognitive: r=0.80 (group1), 0.47 (group2) Functional: r=-0.80 (group1), 0.86 (group2) Total scale: r=0.45 (group1), 0.69 (group2) Phase III: Intra-rater: 95%-100% Inter-rater: Cognitive: r=0.69 (group 1), 0.93 (group 2) Function: r=0.80 (group1), 0.92 (group 2)	

Reviewer ID: Tyra Chu, Carlos L. Cano Herrera

Last updated: February 13rd, 2024

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample	Validity	Reliability	Responsiveness Interpretability
	Spain Rehabilitation Centre in Birmingham (SRC). Exclusion criteria: diagnosed cognitive or psychiatric disorder and/or chronic physical health problems which could limit self-care ability.	management, dressing). According to panel suggestions, 12 items were added. The final instrument had 81 items (41 cognitive, 40 functional). Phase IV: Predictive value at 6 months following discharge Cognitive $R^2 = 0.61$ Functional: $R^2 = 0.82$ Total scale: $R^2 = 0.90$ (P<.001)	Total scale: 0.74 (group1), 0.93 (group2)	