Self Care Assessment Tool (SCAT)

Assessment Overview

Assessment Area

ICF Domain:

Activity

Subcategory:

Self-Care

You Will Need

Length:

81 items – approximately 1 hour

Scoring:

Cognitive and functional subscale scores, as well as overall score can be calculated (no details on how to calculate). The items in the SCAT consider the use of physical assistance as well as assistive devices. The scale for each item is yes/no/not applicable.

Summary

The Self Care Assessment Tool (SCAT) depicts cognitive and functional self-care skills required by people with an SCI below C7 to perform self-care.

Cognitive and functional skills are measured in eight self-care areas: bathing/grooming; nutritional management; medications; mobility/transfers/safety; skin management; bladder management; and bowel management.

Availability

Worksheet: Can be found by contacting the author (SM McFarland) from this study: https://www.ncbi.nlm.nih.gov/pubmed/1292085

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Not established in SCI

Typical Values

Not established in SCI

Measurement Properties	
Validity – Low to Moderate	**Reliability – Low to High**
Low Hierarchal regression model of SCAT-Cognitive with predictive value at 6 months following discharge: $R^2 = 0.61$ **Moderate** Hierarchal regression model of SCAT-Functional with predictive value at 6 months following discharge: $R^2 = 0.82$ **High** Hierarchal regression model of SCAT-Total with predictive value at 6 months following discharge: $R^2 = 0.90$ **RANKING N/A Content for all areas of the scale (over 90% agreement) validated by clinical nurse specialists.** (McFarland et al. 1992; n=47, mean age: 38 (range 14-65) years) **Number of studies reporting validity data: 1**	**High Test-retest for SCAT-Functional subscale:** r = 0.80-0.86 **High Inter-rater for SCAT-Cognitive subscale:** r = 0.69-0.93 **High Inter-rater for SCAT-Functional subscale:** r = 0.80-0.92 **High Inter-rater for SCAT-Total:** r = 0.74-0.93 **Low to High Test-retest for SCAT-Cognitive subscale:** r = 0.47-0.80 **Low to High Test-retest for SCAT-Total subscale:** r = 0.45-0.69 (McFarland et al. 1992; n=47; mean age: 38 (range 14-65)) **Number of studies reporting reliability data: 1**

Responsiveness

Floor/Ceiling Effect:	**Effect Size:**	**Number of studies reporting responsiveness data: 0**
Not established in SCI	Not established in SCI	