**Reviewer ID:** Nicole Elfring, Kyle Diab

**Type of Outcome Measure:** Self Care Assessment Tool (SCAT)  

Total articles: 1

<table>
<thead>
<tr>
<th>Author ID</th>
<th>Study Design</th>
<th>Setting</th>
<th>Population (sample size, age) and Group</th>
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</table>
| 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. 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. |

1. RELIABILITY

<table>
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<tr>
<th>Author ID</th>
<th>Internal Consistency</th>
<th>Test-retest, Inter-rater, Intra-rater</th>
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</table>
| McFarland et al. 1992 | No data available | 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)  
  Total scale: 0.74 (group1), 0.93 (group2) |

2. VALIDITY

| Author ID   | Validity                                                                                     |
|-------------|------------------------------------------------------------------------------------------------|---|
| McFarland et al. 1992 | 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 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 |
3. RESPONSIVENESS – no data available

4. FLOOR/CEILING EFFECT – no data available

5. INTERPRETABLEITY – no data available

References:

SCAT: