

Functional Independence Measure Self-Report (FIM-SR)

Assessment Overview

Assessment Area

ICF Domain:

Activity

Subcategory:

Self-Care

You Will Need

Length:

Approximately 20 minutes to complete 18 items

Scoring:

Items scored 1-7. Higher scores indicate greater independence. Subscale scores are the sums of their respective items; FIM-SR total score is the sum of all scores

Training:

Health care professionals scoring the FIM-SR are required to complete training and testing protocol (contact information is available at:

<https://www.udsmr.org/contact-us>

Summary

The Functional Independence Measure Self-Report (FIM-SR) assesses burden of care and functional impairment. This version of the FIM is completed by the patient.

Similar to the FIM, FIM-SR subscales include self-care, sphincter control, mobility, locomotion, communication, and social cognition.

Availability

Worksheet: Can be purchased [here](#).

Languages: English

Assessment Interpretability

Minimal Clinically Important Difference

Not established in SCI

Statistical Error

Standard Error of Measurement:

8.05

Minimal Detectable Change:

22.30

(Masedo et al. 2005; n=84; 67 males; mean age: 42 years; 54% cervical, 38% thoracic, 7% lumbar/sacral; mean (SD) time since SCI: 8.3 (8.9) years)

Typical Values

Mean (SD) Scores:

Pre-treatment score:
103.86 (24.26)

Post-treatment score:
101.40 (27.26)

(Masedo et al. 2005; n=84; 67 males; mean age: 42 years; 54% cervical, 38% thoracic, 7% lumbar/sacral; mean (SD) time since SCI: 8.3 (8.9) years); amitriptyline treatment)

Measurement Properties

Validity – **Low** to **Moderate**

Low to Moderate correlation with CHART:

CHART Total: $r = 0.26$

CHART Physical subscale: $r = 0.49$

CHART Mobility subscale: $r = 0.30$

(Masedo et al. 2005; $n=84$; 67 males; mean age: 42 years; 54% cervical, 38% thoracic, 7% lumbar/sacral; mean (SD) time since SCI: 8.3 (8.9) years)

Number of studies reporting validity data: 1

Reliability – **Moderate** to **High**

Moderate to High Test-retest Reliability:

Total score: $r = 0.89$

Items scores: $r = 0.54-0.91$

High Internal Consistency:

Pre-treatment:

Total score $\alpha = 0.95$

Item score $\alpha = 0.14-0.98$

Post-treatment:

Total score $\alpha = 0.94$

Item score $\alpha = 0.20-0.98$

(Masedo et al. 2005; $n=84$; 67 males; mean age: 42 years; 54% cervical, 38% thoracic, 7% lumbo/sacral; mean (SD) time since SCI: 8.3 (8.9) years; amitriptyline treatment)

Number of studies reporting reliability data: 1

Responsiveness

Floor/Ceiling Effect:

Ceiling: 88% reported max score in FIM-SR cognitive subscale; 76% reported max score in FIM-SR communication and social cognition subscales

(Masedo et al. 2005; $n=84$; 67 males; mean age: 42 years; 54% cervical, 38% thoracic, 7% lumbar/sacral; mean (SD) time since SCI: 8.3 (8.9) years)

Effect Size:

Not established in SCI

Number of studies reporting responsiveness data: 1