### Functional Independence Measure Self-Report (FIM-SR)

#### Assessment Overview

<table>
<thead>
<tr>
<th>Assessment Area</th>
<th>Summary</th>
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</thead>
<tbody>
<tr>
<td><strong>ICF Domain:</strong> Activity</td>
<td>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. Refer to FIM summary for more details. Similar to the FIM, FIM-SR subscales include self-care, sphincter control, mobility, locomotion, communication, and social cognition.</td>
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<tr>
<td><strong>Subcategory:</strong> Self-Care</td>
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#### You Will Need

- **Length:** 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: [http://www.udsmr.org/WebModules/International/int_About.aspx](http://www.udsmr.org/WebModules/International/int_About.aspx))

#### Availability

Must be purchased. Contact the USDMR for details: [http://www.udsmr.org/WebModules/FIM/Fim_About.aspx](http://www.udsmr.org/WebModules/FIM/Fim_About.aspx)

#### Assessment Interpretability

<table>
<thead>
<tr>
<th>Minimal Clinically Important Difference</th>
<th>Statistical Error</th>
<th>Typical Values</th>
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</thead>
<tbody>
<tr>
<td>Not established in SCI</td>
<td><strong>Standard Error of Measurement:</strong> 8.05</td>
<td><strong>Mean (SD) Scores:</strong></td>
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<tr>
<td></td>
<td><strong>Minimal Detectable Change:</strong> 22.30</td>
<td>Pre-treatment score: 103.86 (24.26)</td>
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<td>Post-treatment score: 101.40 (27.26)</td>
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<td>(Masedo et al. 2005; n=84; 67 males; mixed injury type; mean (SD) time since SCI = 8.3 (8.9) years; amitriptyline treatment)</td>
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</table>
### Measurement Properties

#### Validity – Low to Moderate

- **Low to Moderate** correlation with CHART Physical subscale:
  - CHART Total = 0.26
  - CHART Physical = 0.49
  - CHART Mobility = 0.30

  (Masedo et al. 2005; n=84; 67 males; mixed injury type; 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 correlation = 0.89
  - Items score correlations = 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; mixed injury type; 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; mixed injury type; mean (SD) time since SCI = 8.3 (8.9) years)

#### Effect Size:

- Not established in SCI

  **Number of studies reporting responsiveness data:** 1