Frenchay Activities Index (FAI)

- assesses frequency of performing Instrumental Activities of Daily Living (IADL).
- includes items that reflect the patient's behavior in the areas of domestic chores, leisure/work, and outdoor activities.
- A revised 13-item FAI has recently been assessed among SCI patients. The following summary therefore focuses on the revised FAI.

ICF Domain:
Activity – Subcategory: Self-Care.

Number of Items:
13

Instructions for Administration and Scoring:

Administration:
- Self-administered or interview format using a 2 and 3 point ordinal scale.
- Administration usually takes between 5-15 minutes.

Equipment: None.

Scoring:
- According to Hsieh et al. (2007), the revised FAI includes 13 items (two items in the original FAI, reading books and walking outside or going outside did not fit the Rasch model and were therefore taken out).
- 4 items (washing up, washing clothes, driving a car/bus travel, and gainful work) are scored on a 2 point scale, and the remaining 9 items are scored on a 3-point scale. The response categories are 0 = never, 1= occasionally or more, and 2 = most days.
- The total item summary score ranges from 0 to 22.

Interpretability:

MCID: not established
SEM:
Standard Error (SE) of the items (Hsieh et al. 2007):

<table>
<thead>
<tr>
<th>Items</th>
<th>SE Logit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Washing up</td>
<td>0.17</td>
</tr>
<tr>
<td>2. Preparing main meals</td>
<td>0.13</td>
</tr>
<tr>
<td>3. Washing clothes</td>
<td>0.17</td>
</tr>
<tr>
<td>4. Driving car/bus travel</td>
<td>0.17</td>
</tr>
<tr>
<td>5. Light housework</td>
<td>0.11</td>
</tr>
<tr>
<td>6. Heavy housework</td>
<td>0.12</td>
</tr>
</tbody>
</table>
MDC: not established

- Higher scores indicate greater frequency of doing IADL.
- The raw scores of the 13-item FAI can be transformed to interval scores thereby enabling clinicians and researchers to quantify and monitor IADL function in SCI patients.
- No cut-points or normative data for the SCI population have been established
- Published data for the SCI population is available for comparison (see the Interpretability section of the Study Details sheet)

Languages:

English, Dutch, and Chinese.

Training Required:

Relevant clinical experience is beneficial but not necessary.

Availability:

Can be found at: http://www.rehabmeasures.org/PDF%20Library/Frenchay%20Activities%20Index.pdf

Clinical Considerations:

- The FAI does not assess whether patients can perform or how well they perform IADL.
- The 13 item revised FAI was developed specifically for use with SCI patients.
- The revised 13-item scale is brief, quick to complete, and reflects the everyday activities of daily living

Measurement Property Summary:

# of studies reporting psychometric properties: 1

Reliability:

- Rasch analysis reliability coefficient was reported to be 0.78. [Hsieh et al. 2007]
Validity:
- The Frenchay Activities Index was validated as a unidimensional construct through revision of the scale after Rasch analysis.
[Hsieh et al. 2007]

Responsiveness:
No values were reported for the responsiveness of the FAI for the SCI population.

Floor/ceiling effect:
- The FAI exhibited a slight floor effect (9.9% of participants scored the lowest possible score) and no ceiling effect.
[Hsieh et al. 2007]

Reviewer:
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