### Skin Management Needs Assessment Checklist (SMNAC)

#### Assessment Overview

**Assessment Area**

<table>
<thead>
<tr>
<th>ICF Domain:</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subcategory:</strong></td>
<td>Self-care</td>
</tr>
</tbody>
</table>

**Summary**

The Skin Management Needs Assessment Checklist (SMNAC) is a self-report subscale extracted from the Needs Assessment Checklist (NAC). The SMNAC is developed to be a post discharge measure to assess client knowledge and ability to perform skin checks, pressure relief and prevention of skin breakdown, and provides SCI specific information related to skin management needs. The SMNAC requires individuals to demonstrate or, for an individual with a high lesion, instruct their personal care attendant to perform the activities.

**You Will Need**

**Length:**
12 items

**Scoring:**
The items are summed to generate a total score ranging from 0-36. The value reported is a proportion (client score/36) x 100%. Higher scores reflect greater independence.

**Training:**
None, but wound-care experience recommended

#### Availability

Available from the author, P. Kennedy.

**Languages:** English

#### Assessment Interpretability

**Minimal Clinically Important Difference**

Not established in SCI

**Statistical Error**

**Standard Error of Measurement:**
3.27

**Minimal Detectable Change:**
9.05

(Berry & Kennedy 2003; n=43, 38 male, mixed injury types, Mean (SD) time since injury = 17.5 (13.2) weeks)

**Typical Values**

**Mean (SD) Scores:**
25.67 (10.54)

(Berry & Kennedy 2003; n=43, 38 male, mixed injury types, Mean (SD) time since injury = 17.5 (13.2) weeks)
# Measurement Properties

<table>
<thead>
<tr>
<th>Validity – <strong>Low</strong></th>
<th>Reliability – <strong>High</strong></th>
</tr>
</thead>
</table>
| *Low* correlation with age:  
Correlation = -0.22 to -0.27  
(Berry et al. 2004; n=317, mixed injury types, no information on chronicity) | *High* Test-retest Reliability:  
ICC = 0.90  
(Gelis et al. 2011; n=138, 103 male, mixed injury types, mean time since injury = 94 months) |
| **Number of studies reporting validity data:** 1 | **High** Internal Consistency:  
α = 0.85  
(Berry et al. 2004; n=317, mixed injury types, no information on chronicity) |

<table>
<thead>
<tr>
<th>Responsiveness</th>
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</table>
| **Floor/Ceiling Effect:**  
Not established in SCI |
| **Effect Size:**  
Not established in SCI |
| **Number of studies reporting responsiveness data:** 1 |