

Reviewer ID: Zoe Raffard, John Zhu, Matthew Querée, Joanne Chi			
Type of Outcome Measure: Reintegration to Normal Living (RNL) Index			Total articles: 5
Author ID Year	Study Design	Setting	Population (sample size, age) and Group
Daneski et al. 2003	Test-retest reliability		N=76 (stroke patients) 42 male, 34 female Mean age: 67.1 ± 12.72 years Age range: 33.7-91.9 years
Mothabeng et al. 2012	Cross-sectional	South Africa	N=160 134 Males Mean age: 29.19 ± 8.05 years Community dwelling people living with SCI, discharged from inpatient rehabilitation for at least 2 years
Gray et al. 2006	Interviews and focus groups to collect data on demographics and measures of disability, health, and functioning. The PARTS/M was administered twice.	Midwestern United States	N = 604 (SCI = 141, MS = 126, Cerebral Palsy = 88, Polio = 169, Stroke = 80) Mean age = 51.5 Male = 42.5% Female = 57.5% Those with SCI: n = 141 Mean age = 41.4 Male = 74.5% Female = 25.5
Hitzig et al. 2012	Cross-sectional telephone survey	Rehabilitation institute	N=618 (M=501; F=117) Mean age = 49.2y (18-92) Mean YPI = 16.3y (1-60) Community-dwelling SCI patients who were at least 1 year post-injury. Incomplete tetraplegia = 203 Complete tetraplegia = 102 Incomplete paraplegia = 156 Complete paraplegia = 157
May & Warren 2002	Measurement evaluation of external and structural components of validity	Community - Members of Canadian Paraplegic Society (Alberta)	98 (76 men, 22 women) Average age 45.2 years (range of 21-81 years) 44% unemployed, 17% retired 49% married Over 1 year post-injury (average 15.5yrs, range 1-78 years) 56% cervical injury Without concomitant head injury
1. RELIABILITY			
Author ID	Internal Consistency	Test-retest, Inter-rater, Intra-rater	

Daneski et al. 2003	Cronbach's alpha: 0.84	Kappa range: 0.38-0.92
Mothabeng et al. 2012	Cronbach's alpha: 0.97	No data available
Hitzig et al. 2012	The RNL Index yielded Cronbach's alpha of 0.87. Total-item correlations were 0.37 to 0.67.	No data available

2. VALIDITY

Author ID	Validity
May & Warren 2002	<p>Pearson's correlations of RNL with other scales:</p> <ol style="list-style-type: none"> 1. Quality of Life Index (QLI) = - 0.654 (P<.01)* 2. American Spinal Injury Association (ASIA) – motor score = - 0.196 (ns) 3. Functional Independence Measure (FIM)= - 0.348 (P<.01)* 4. Rosenberg Self-Esteem Scale (RSES)= - 0.483 (P<.01)* 5. Locus of Control (LOC)= - 0.042 (ns) <p>*should be positively correlated, possible error in reporting</p>
Gray et al. 2006	<p>Correlation of the Rivermead Mobility Index (RMI) with instruments measuring the same construct as the RMI: Correlation between Participation Survey/Mobility (PARTS/M) and RNL = 0.71, P<.001.</p>
Hitzig et al. 2012	<p>To evaluate the construct of the RNL Index compared with the Satisfaction with Life Scale (SWLS), a 3 factor CFA model was fit to the combined items of both scales. A 1-factor CFA of items of both scales yielded poor fit (RMSEA = 0.173, CFI = 0.822, TLI = 0.908). The 3-factor model was an appropriate fit (RMSEA = 0.067, CFI = 0.963, TLI = 0.986). Interfactor correlations showed a stronger relationship between the scores of the 2 factors of the RNL Index than between each factor and the SWLS. Hence, the 3-factor CFA supports the hypothesis that the SWLS and RNL Index assess distinct, although related, constructs.</p>

3. RESPONSIVENESS – no data available

4. FLOOR/CEILING EFFECT – no data available

5. INTERPRETABILITY

Author ID	Interpretability																																							
May & Warren 2002	<p>Mean (SD) RNL score*: 23.05 (13.54) – range: 3-78.36 *Assessed via visual analogue scale; reported as adjusted score out of 100</p>																																							
Hitzig et al. 2012	<p>Mean (SD) RNL Index score*: 17.2 (4.4)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">RNL Index Items</th> <th colspan="3">Response Frequencies</th> </tr> <tr> <th>0 = does not describe my situation</th> <th>1 = partially describes my situation</th> <th>2 = fully describes my situation</th> </tr> </thead> <tbody> <tr> <td>1. I move around my living quarters as I feel necessary</td> <td>11</td> <td>70</td> <td>532</td> </tr> <tr> <td>2. I move around my community as I feel necessary</td> <td>57</td> <td>181</td> <td>375</td> </tr> <tr> <td>3. I am able to take trips out of town as I feel are necessary.</td> <td>128</td> <td>109</td> <td>377</td> </tr> <tr> <td>4. I am comfortable with how my self-care needs are met.</td> <td>32</td> <td>144</td> <td>439</td> </tr> <tr> <td>5. I spend most of my days occupied in a work activity that is necessary or important to me</td> <td>124</td> <td>144</td> <td>347</td> </tr> <tr> <td>6. I am able to participate in recreational activities as I want to.</td> <td>165</td> <td>193</td> <td>257</td> </tr> <tr> <td>7. I participate in social activities with family, friends, and/or business acquaintances as is necessary or desirable to me.</td> <td>58</td> <td>152</td> <td>405</td> </tr> <tr> <td>8. I assume a role in my family that meets my needs and those of other family members.</td> <td>69</td> <td>137</td> <td>406</td> </tr> </tbody> </table>	RNL Index Items	Response Frequencies			0 = does not describe my situation	1 = partially describes my situation	2 = fully describes my situation	1. I move around my living quarters as I feel necessary	11	70	532	2. I move around my community as I feel necessary	57	181	375	3. I am able to take trips out of town as I feel are necessary.	128	109	377	4. I am comfortable with how my self-care needs are met.	32	144	439	5. I spend most of my days occupied in a work activity that is necessary or important to me	124	144	347	6. I am able to participate in recreational activities as I want to.	165	193	257	7. I participate in social activities with family, friends, and/or business acquaintances as is necessary or desirable to me.	58	152	405	8. I assume a role in my family that meets my needs and those of other family members.	69	137	406
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	9. In general, I am comfortable with my personal relationships	40	108	466
	10. In general, I am comfortable with myself when I am in the company of others.	31	121	463
	11. I feel that I can deal with life events as they happen.	18	106	490
*Assessed via 3-point scale				