

**Research Summary – Rivermead Mobility Index (RMI) – Self Care and Daily Living**

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample	Validity	Reliability	Responsiveness Interpretability
<p><a href="#">Morganti et al.</a> 2005</p> <p>Retrospective analysis</p> <p>Rehab Hospital in Italy</p>	<p>Total sample: N=284 patients (184M, 100F) Mean age: 50.4±19.3 years</p> <p>Concurrent validity sample: N=76</p> <p>Traumatic or non traumatic SCLs admitted between1997-2001. Non-traumatic etiology was present in the majority of the patients (177/284) inflammatory (4) vascular (36) neoplastic (39) degenerative (62)</p> <p>Traumatic lesions (107/284):</p>	<p>Spearman’s correlation of the RMI with: Walking Index for Spinal Cord Injury: <math>\rho=</math> 0.67 (P&lt;.001) Spinal Cord Independent Measure: <math>\rho=0.75</math> (P&lt;.001) Functional Independence Measure: <math>\rho=0.9</math> (P&lt;.001) Barthel Index: <math>\rho=0.6</math> (P&lt;.001)</p>		

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	car accident (38) motorcycle accident (15) sport accident (11) act of violence (6) suicide attempts (6) accidental falls (31)			
<a href="#">Scivoletto et al.</a> 2003  Methodological study. Block design, matching procedure  Spinal Cord Unit, Fondazione Santa Lucia IRCCS, a large rehabilitation hospital of the centre-south of Italy.	Total sample: N=284 patients (184M, 100F) Mean age: 50.4±19.3 years Mean interval from lesion to admission: 56.9±43.9 days Mean length of stay in inpatient rehabilitation centre: 98.7±68.13 days  Traumatic or non-traumatic SCLs admitted between 1997-2001. Lesion level:			<b>Interpretability:</b> See table 1.

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	<p>Cervical (81), thoracic (148), lumbo-sacral (55)</p> <p>AIS impairment at admission:                      AIS A – 84                      AIS B – 19                      AIS C – 129                      AIS D – 52</p> <p>2 groups:                      Group 1: Under 50 years old – N=119                      Group 2: Over 50 years old – N=165</p> <table border="1" data-bbox="474 1036 810 1403"> <thead> <tr> <th data-bbox="474 1036 625 1157">Aetiolo gy</th> <th data-bbox="625 1036 716 1157">Gro up 1:</th> <th data-bbox="716 1036 810 1157">Gro up 2:</th> </tr> </thead> <tbody> <tr> <td data-bbox="474 1157 625 1240"><b>Trauma tic</b></td> <td data-bbox="625 1157 716 1240">N=7 9</td> <td data-bbox="716 1157 810 1240">N=2 8</td> </tr> <tr> <td data-bbox="474 1240 625 1362">Street acciden t</td> <td data-bbox="625 1240 716 1362">48</td> <td data-bbox="716 1240 810 1362">5</td> </tr> <tr> <td data-bbox="474 1362 625 1403">Falls</td> <td data-bbox="625 1362 716 1403">12</td> <td data-bbox="716 1362 810 1403">19</td> </tr> </tbody> </table>	Aetiolo gy	Gro up 1:	Gro up 2:	<b>Trauma tic</b>	N=7 9	N=2 8	Street acciden t	48	5	Falls	12	19			
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	Other	19	4			
	<b>Non-traumatic</b>	N=40	N=137			
	Inflammatory	10	30			
	Vascular	6	30			
	Neoplastic	13	26			
	Degenerative	11	51			
	Table 1.					
				<b>Under 50 years old:</b>	<b>Over 50 years old:</b>	
	<i>Admission</i>					
	RMI score			1.3 (2.5)	0.8 (2)	
	<i>Discharge</i>					
	RMI score			6.8 (4.9)	3.5 (4.5)	
	RMI change in score (increase)			5.5 (4.4)	2.6 (3.4)	
	RMI efficiency			0.06 (0.06)	0.03 (0.05)	