

**Research Summary – Klein-Bell Activities of Daily Life (ADL) Scale – Self Care and Daily Living**

<b>Author Year Research Design Setting (country)</b>	<b>Demographics and Injury Characteristics of Sample</b>	<b>Validity</b>	<b>Reliability</b>	<b>Responsiveness Interpretability</b>
<p><a href="#">Dahlgren et al.</a> 2007</p> <p>Cross-sectional study to examine whether the Klein-Bell ADL Scale discriminates cervical SCI patients in daily activities and to explore its applicability in this group of patients, to examine the association between basic ADL and upper extremity function, and to investigate if grip ability can</p>	<p>N=55 (43M, 12F) Mean age=39 Mean time since injury=5.5 years</p> <p>Inclusion criteria: traumatic SCI or acute vascular injury in the cervical level of the spinal cord</p>	<p>Correlation between raw sum score in the K-B Scale and the Upper Extremity Motor Score (UEMS) for shoulder muscles to intrinsic muscles <math>r=0.63</math> (<math>P&lt;.01</math>)</p> <p>Correlation between the raw sum score in the K-B Scale and the 2PD test with &lt; 10mm in number of fingers <math>r=0.68</math> (<math>P&lt;.01</math>)</p>		

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be discerned in the scale.  SCI Unit, Sweden.				
Samuelsson et al. 2004  Cross-sectional  Two spinal cord injury (SCI) centres in Sweden	N=56 (44M, 12F) Mean age 48.9 Mean time since SCI: 13.9 years	Spearman's correlation btwn: - COPM Performance & Klein-Bell ADL Scale: 0.07 (Not significant; $p>0.05$ ) - WUSPI & Klein-Bell ADL Scale: 0.10 (Not significant; $p>0.05$ )		
<a href="#">Lynch &amp; Bridle</a> 1989  Part of a follow-up study of the long-term functional effects of traumatic	N=18 Mean Age: 52 years, range 26 to 70 years	Klein Bell scores & actual hours of assistance required to perform ADL at home: $r = -0.86$  Overall mean Jebsen-Taylor test score and overall mean Klein-Bell Scale score:		

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central spinal cord injury.  Patient's homes		$\rho = -0.635, (P<.01)$  <u>Jebsen-Taylor &amp; Klein-Bell subscale:</u> Dressing: $\rho = -0.69, (P<.01)$ Bathing/Hygiene: $\rho = -0.57, (P<.01)$ Eating: $\rho = -0.45, P<.05)$		