

Reviewer ID: Nicole Elfring, John Zhu, Matthew Querée			
Type of Outcome Measure: Quality of Well-being (QWB) scale			Total articles: 1
Author ID Year	Study Design	Setting	Population (sample size, age) and Group
Andresen et al. 1999	Cross-sectional survey with instruments administered in random order during computer-assisted interviews.	Midwestern US veteran SCI program	Subjects were selected randomly from 454 patients at a regional veterans' SCI program. 183 veterans with SCI; ranging in age from 21-81 years were used. (mean=50.5) Level of Injury: Cervical – 86 Thoracic – 78 Lumbar - 8 Mean (SD) time since the SCI = 17.92 (11.36) years; ranged from a few months to 55 years; median = 17.0 years
1. RELIABILITY – No data available			
2. VALIDITY			
Author ID	Validity		
Andresen et al. 1999	<p>Pearson correlations:</p> <p>QWB and Short Form-36 (SF-36): 6 of 8 subscales $r=0.251-0.290$ ($P<.01$), vitality $r=0.164$ ($P<.05$), role emotion and mental health not significantly correlated. QWB and SF-36 mental summary $r=0.116$ ($P<.05$) QWB and SF-36 physical summary $r=0.417$ ($P<.01$)</p> <p>SF-12 mental summary and QWB $r=0.164$ ($P<.05$) SF-12 physical summary and QWB $r=0.340$ ($P<.01$)</p> <p>Behavioural Risk Factor Surveillance System (BRFSS) items and QWB 4 of 8 item correlate significantly: Poor physical health days ($r=-0.199$) and pain limited activity days ($r=-0.250$, $P<.01$); Good days ($r=-.182$, $P<.05$) and days worried tense anxious ($r=-0.181$, $P<.05$)</p> <p>Lawton Instrumental Activities of Daily Living (ADL) and QWB $r=-0.454$ ($P<.01$)</p>		
3. RESPONSIVENESS – no data available			
4. FLOOR/CEILING EFFECT			
Author ID	Floor/ceiling effect		
Andresen et al. 1999	The QWB showed no signs of floor or ceiling effects.		
5. INTERPRETABILITY			
Author ID	Interpretability		
Andresen et al. 1999	182 SCI participants: Mean (SD) QWB-SA Score: 0.55 (0.09) SF-36 scores of the SCI group are compared with age-matched NSFHS normative data shows that all 8		

scales are lower for the SCI group.

Comparison of QWB mean scores against impairment groups:

Injury level:

- cervical (n=86): 0.53
- thoracic (n=78): 0.56
- lumbar (n=8): 0.55

Paraplegic/Quadriplegic:

- paraplegic (n=97): 0.56
- quadriplegic (n=82): 0.53

Upper body difficulty:

- no (n=74): 0.58
- yes (n=107): 0.53

Severe work disability:

- no (n=8): 0.55
- yes (n=75): 0.55