

**Appendix D.1: Outcome Measure Full Article Quality Screen – HTA Criteria Summary <sup>1</sup>**

Reviewer ID: Gurmaan Gill			
Type of Outcome Measure: HUI-Mark-III			Total articles: 3
Author ID Year	Study Design	Setting	Population (sample size, age) and Group
Craven et al. 2012	Cross-sectional telephone survey	Toronto Rehab's Lyndhurst Centre	N = 357 Mean age (range) = 54.0 (24-89) Etiology: traumatic = 279 (218M, 61F), non-traumatic = 78
Mittmann et al. 2014	Cross-sectional telephone survey	Toronto Rehab's Lyndhurst Centre	N = 357 (257M, 100F) Mean age (range) = 53.7 (24-89) Etiology: traumatic = 279, non-traumatic = 78 *It appears as though this study used the same population as Craven et al., 2012
Mittmann et al. 1999	Descriptive Analysis	Conducted by National Population Health Survey (NPHS)	N=17626 (8058M, 9568F) Ages: 12 to 19: N=1847 20 to 29: N=2982 30 to 39: N=3704 40 to 49: N=2891 50 to 59: N=2116 60 to 69: N=1904 70 to 79: N=1547 80+: N=635
<b>1. RELIABILITY</b>			
Author ID	Internal Consistency	Test-retest, Inter-rater, Intra-rater	
<b>2. VALIDITY</b>			
Author ID	Validity		
Craven et al. 2012	Health/health preference and HUI-Mark III: r = 0.37 Self-rated health and HUI-Mark III: r = -0.41 Number of secondary health conditions/SCS-M severity and HUI-Mark III: r = -0.47		
Mittman et al. 2014	Hierarchal regression model of HUI-Mark III with:  Personal factors: R <sup>2</sup> = 0.008 Body functions and structure: R <sup>2</sup> = 0.142 Activity and participation: R <sup>2</sup> = 0.565 Environmental factors: R <sup>2</sup> = 0.565		
<b>3. RESPONSIVENESS</b>			
Author ID	Responsiveness		

**4. FLOOR/CEILING EFFECT** – no data available

**5. INTERPRETABILITY**

Author ID	Interpretability
Craven et al. 2012	Mean HUI-Mark III score for SCI patients ( $\pm$ SD): 0.27 ( $\pm$ 0.27)  Mean HUI-Mark III scores for populations with different health conditions: (data compiled from 9 different studies) General Population: 0.93 Stroke: 0.58–0.68 Arthritis/Rheumatism: 0.77–0.78 Multiple Sclerosis: 0.57 Parkinson's Disease: 0.42 Alzheimer's Disease: 0.45–0.58