Reviewer ID: Nicole Elfring, John Zhu, Matthew Querée, Gurmaan Gill			
Type of Outcome Measure: Sickness Impact Profile 68 (SIP68)			**Total articles: 5**
Author ID Year	**Study Design**	**Setting**	**Population (sample size, age) and Group**
Post et al. 2001	Cross-sectional, using a combination of 3 samples	Research lab	N=111 wheelchair-using people (55=SCI and 56=other) Athletes = 49 (SCI = 23, other = 26) SCI = 32 Rheumatic disease = 30 Mean age=athletes 36.5, SCI 38.2, Rheumatic disease 69.9
Post 1998b *(Predictors of Health Status…)*	Cross-sectional study	Community in Netherlands	318 SCI patients; avg. age=39.4; 75% men
Post et al. 1996	Cross-sectional, oral interviews	Patient's homes	N=315; 75% male, avg. age = 39.4 SCI injury patients between ages 18-65 Complete tetraplegia: 21.7% Complete paraplegia: 29.2% Incomplete tetraplegia: 20.4% Incomplete paraplegia: 28.6% Mean time since injury = 3.6 years, SD 1.9
Dallmeijer et al. 2001	Cross-sectional study	Community in Netherlands	N=37 10 high tetraplegia 9 low tetraplegia 7 motor incomplete tetraplegia 11 paraplegia
Nanda et al. 2003	Cross-sectional study	Multiple communities in the US	N=398, 119 with SCI 49% male Mean age (SD): 53.8 (18.2) years Retest: N=40, all with SCI 100% male Mean age (SD): 51.9 (13.0) years

1. RELIABILITY

Author ID	**Internal Consistency**	**Test-retest, Inter-rater, Intra-rater**
Post et al. 2001	α = 0.88	No data available
Post et al. 1996	Cronbach's alpha = 0.92 5 out of 6 subscales have good internal consistency 0.72-0.91; The subscale "emotional stability" was the only to lag behind (0.68); but still has 'moderately good' internal consistency.	No data available
Nanda et al. 2003		Test-retest: ICC = 0.88

2. VALIDITY	
Author ID	**Validity**
Nanda et al. 2003	Correlation of SIP68 with: ADL: r = 0.44 IADL: r = 0.57 SIP: r = 0.94
Dallmeijer et al. 2001	Correlation between SIP68 and endurance capacity measures: SIP68 and VO2peak: r = -0.74 SIP68 and POmax: r = -0.68
Post et al. 2001	Authors expected moderate to strong correlations between scales of the Nottingham Health Profile (NHP) and the SIP68 with criterion variables, with comparable correlations between scales of each questionnaire that are considered to measure the same aspects of health and the criterion variables. Scales of NHP & SIP68 with Spearman ρ correlations >0.30 (all P<0.01): NHP SA w/ SIP68 Physical Mobility: ρ=0.68 NHP ES w/ SIP68 Emotional reactions: ρ=0.56 NHP SB w/ SIP68 Emotional reactions: ρ = 0.41 NHP PAC w/ SIP68 Emotional reactions: ρ=0.43 NHP ES w/ SIP68 Social isolation: ρ=0.41 NHP SB w/ SIP68 Social isolation: ρ=0.35 NHP PAC w/ SIP68 Social isolation: ρ=0.43 NHP ES w/ SIP68 Pain: ρ=0.36 NHP SB w/ SIP68 Pain: ρ=0.54 NHP MR w/ SIP68 Pain: ρ=0.38 NHP PAC w/ SIP68 Pain: ρ=0.35 NHP ES w/ SIP68 Energy: ρ=0.46 NHP SB w/ SIP68 Energy: ρ=0.58 NHP MR w/ SIP68 Energy: ρ=0.46 NHP PAC w/ SIP68 Energy: ρ=0.43 NHP SB w/ SIP68 Sleep: ρ=0.37 Abbreviations: SA = Somatic Autonomy MC = Motor Control ES = Emotional Stability SB = Social Behaviour MR = Mobility Range PAC = Psychological Autonomy and Communication SIP scales & Upper extremity function ρ=0.13-0.58 SIP scales & Lower extremity function ρ=-0.07 to -0.33 SIP scales & Perceived health ρ=-0.02-0.24 SIP scales & Social warning ρ=0.09-0.62 SIP scales & Well-being ρ=0.08-0.53
Post et al. 1998B	Social functioning (path coefficient* = -0.48), marital status (-0.38), psychological functioning (-0.19), and age (-0.16) were significant predictors of life satisfaction (total R^2=0.44). Authors did not mention if the above negative

	correlations were expected. *Path coefficient in multiple regression are comparable to beta values, as calculated by LISREL statistical program
Post et al. 1996	Spearman correlations: Inter-correlation between ρ = 0.08-0.67 on subscales. All correlations are low, except for correlation of "mobility range" with "social behavior" (ρ = 0.67). Correlations ρ>0.20 (19) have P<0.001. Barthel Index and SIP 68, ρ = -0.74, P<.001 Life Satisfaction Questionnaire (LSQ or LISAT-9) and SIP-68, ρ = -0.52, P<.001 On Catell's salient similarity index, comparing proposed factor structure to obtained factor structure for all subscales, s values ranged from 0.37-0.95, showing good similarity.
3. RESPONSIVENESS – No data available	
4. FLOOR/CEILING EFFECT	
Nanda et al. 2003	Ceiling effects are observed for three SIP68 scales: Psychological autonomy and communication: 23.7% Emotional stability: 53.6% Mobility range: 23.7%
5. INTERPRETABILITY	
Author ID	**Interpretability**

Post et al. 1996

Subscale:	Mean (SD) score:
Somatic autonomy	5.8 (4.8)
Mobility control	7.4 (2.4)
Mobility range	2.4 (2.4)
Social behavior	5.1 (3.1)
Emotional stability	1.0 (1.4)
Psychic autonomy & communication	1.1 (1.9)
Total SIP68	22.8 (11.1)