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Type of Outcome Measure: Functional Independent Measure-Self Report | **Total articles:** 1

Author ID Year	Study Design	Setting	Population (sample size, age) and Group
Masedo et al. 2005	Double-blind randomized trial Reliability and validity (comparison to the Craig Handicap Assessment Reporting Technique (CHART)) studied	Harborview Medical Center and University of Washington's Northwest Regional SCI system	SCI trial: n=84 subjects; 44 given amitriptlyine, or an active placebo, 40. Avg. age; 42 years, 80% Men. Mean (SD) time since SCI: 8.3 (8.9) Neurological level of injury= 54% cervical, 38% thoracic, 7% lumbar/sacral.

1. RELIABILITY

Author ID	Internal Consistency	Test-retest, Inter-rater, Intra-rater
Masedo et al. 2005	Pretreatment: Total: α=0.95 Items: α=-0.14 to 0.98 Postreatment: Total: α=0.94 Items: α=0.20 to 0.98	Test-retest reliability: Total: r=0.89 (P<.005) Items: r=0.54 to 0.91 (P<.005)

2. VALIDITY

Author ID	Validity
Masedo et al. 2005	Correlations of the FIM-SR with an instrument measuring the same construct: CHART total score: r=0.26 (P<.01) CHART mobility subscale: r=0.30 (P<.01) CHART physical subscale: r=0.49 (P<.01) FIM-SR correlates with CHART: almost all subscales moderate and sig. (P<.005, P<.001); support provided for the motor scales of FIM-SR, with the exception of locomotion. Correlations of the FIM-SR with measurements with different constructs: Differences in level of injury (paraplegia and tetraplegia): t = -6.40 (P<.001) Subscales that differ significantly according to injury level (self-care, sphincter, mobility, motor): t = -6.88 to -0.10 (P<.001)

3. RESPONSIVENESS no data available

4. FLOOR/CEILING EFFECT

Author ID	Floor/ceiling effect
Masedo et al. 2005	SCI sample: Only 1) cognitive and 2) communication and social cognition subscales showed ceiling effects; 88% and 76%, reporting max. scores in those areas.

5. INTERPRETABILITY

Author ID	SEM, MDC, MCID, normative data
Masedo et al. 2005	Mean (SD) FIM values at pre-treatment and post-treatment:

FIM-SR scale:	Possible range:	Pre-treatment score:	Post-treatment score:
Self-care	6-42	33.57 (12.73)	32.87 (13.14)
Sphincter	2-14	10.61 (4.83)	10.58 (4.81)
Mobility	3-21	15.24 (7.57)	15.24 (7.56)
Locomotion	2-14	9.07 (2.65)	9.07 (2.65)
Communication	2-14	13.77 (0.72)	13.60 (1.45)
Social cognition	3-21	20.46 (1.37)	20.05 (2.19)
Motor	13-91	68.49 (25.55)	67.75 (26.15)
Cognitive	5-35	4.24 (1.85)	33.65 (3.47)
Total	18-126	103.86 (24.26)	101.40 (27.26)

SEM and MDC for total FIM-SR and subscales (calculated from data in article):

Variable	SEM	MDC
Self-care	4.03	11.2
Sphincter	1.45	4.02
Mobility	2.51	6.96
Locomotion	1.59	4.41
Communication	0.49	1.35
Social cognition	0.74	2.04
Motor	7.67	21.2
Cognitive	0.93	2.56
Total	8.05	22.30