Reviewer ID: Carlos L. Cano, Elsa Sun

Last updated: May 8th, 2024

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample	Validity	Reliability	Responsiveness Interpretability
Liu et al. 2017 Observational study Peking University Third Hospital, Beijing, China	N = 102 (83M, 19F) Median age (IQR) = 46 (32.8-56.3) AIS-A = 31, B = 19, C = 25, D = 27 Etiology: sports = 5, assault = 13, transport = 34, falls = 40, other traumatic injury = 3, non-traumatic injury = 7 Level of injury: tetraplegia = 57, paraplegia = 45 Median time post- injury in months (IQR) = 1.5 (1.0-4.0) Exclusion Criteria: Neurological impairments not caused by SCI	Consistency Tests: Sensation and Q1: κ coefficient = 0.91 S4-5 sensation and Q2: κ coefficient = 0.79 DAP and Q3: κ coefficient = 0.93 DAP and Q4: κ coefficient = 0.93 VAC (voluntary anal contraction) and Q5: κ coefficient = 0.70 <1 month: Q1 vs. S4-5 Sensation: κ coefficient = 0.91 Q2 vs. S4-5 Sensation: κ coefficient = 0.87 Q3 vs. S4-5 Sensation: κ coefficient = 0.90 Q4 vs. S4-5 Sensation: κ coefficient = 0.91 Q5 vs VAC without increased AST (anal		Please see Table 1 below.

Reviewer ID: Carlos L. Cano, Elsa Sun

Last updated: May 8th, 2024

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample	Validity	Reliability	Responsiveness Interpretability
	Unable to complete questionnaire	sphincter tone): κ coefficient = 0.80		
		≥1 month: Q1 vs. S4-5 Sensation: κ coefficient = 0.92 Q2 vs. S4-5 Sensation: κ coefficient = 0.72 Q3 vs. S4-5 Sensation: κ coefficient = 0.95 Q4 vs. S4-5 Sensation: κ coefficient = 0.96 Q5 vs VAC without increased AST (anal sphincter tone): κ coefficient = 0.23 Q5 vs VAC without increased AST (anal sphincter tone): κ coefficient = 1.00		
		Consistency Tests for Subgroups: VAC (voluntary anal		
		contraction) and Q5 for patients with increased AST (anal sphincter tone)		

Reviewer ID: Carlos L. Cano, Elsa Sun

Last updated: May 8th, 2024

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample	Validity	Reliability	Responsiveness Interpretability		
		 (N=24): κ coefficient = 0.21 VAC and Q5 for patients without increased AST (N=78): κ coefficient = 0.89 				
	Table 1					
		Sensitivity (%)	Specificity (%)	Youden's index		
	Q1	98	92	0.90		
	Q2	88	95	0.83		
	Q3	98	94	0.92		
	Q4	96	100	0.96		
	Q5 w/ increased AST	100	27	0.27		
	Q5 w/o increased AST	89	98	0.87		