NDI

EVIDENCE

The NDI has a category B recommendation in accordance with COSMIN criteria (1-3).

RELIABILITY

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Measurement Error	MDC or SDC Distribution: 6.2%; total sample size: 101 Anchor: 5.2%; total sample size: 101	Insufficient	Very low	(4)

VALIDITY

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Criterion validity	Likert scale, "Health transition question" AUC: 0.66; total sample size: 101	Inconsistent	N/A	(4)
	Likert scale, "Patient satisfaction question" AUC: 0.75; total sample size: 101			
Construct validity	mJOA Pearson's correlation: -0.36; total sample size: 235	Sufficient	High	(7)
	SF-12 PCS Pearson's correlation: -0.54; total sample size: 235			
	SF-12 MCS Pearson's correlation: -0.40; total sample size: 235			
	Pain, "Numeric rating scale" (Arm pain score) Pearson's correlation: 0.68; total sample size: 235			
	Pain, "Numeric rating scale" (Neck pain score) Pearson's correlation: 0.64; total sample size: 235			

RESPONSIVENESS

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Responsiveness	Anchor-based approach AUC: 0.66; total sample size: 78 Effect size: 0.44; total sample size: 78	Insufficient	Moderate	(34)
	NDI Mean change score: -15.8; total sample size: 118	Indeterminate	Very low	(9)

INTERPRETABILITY

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Interpretability	MCID range 5–13; total sample size: 108	Sufficient		(15, 34)
	SCB range 9.5–36; total sample size: 65	Indeterminate		(10, 19)

FEASIBILITY

Tool	Time (Min)	Equipment	Training	License	Money	Ease of Administration	Overall Assessment
NDI	5	Minimal	No	No	No	Minimal barriers	Minimal barriers