

## SF-12

### EVIDENCE

The SF-12 has a category B recommendation in accordance with COSMIN criteria (1-3).

### RELIABILITY

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Internal consistency	Cronbach's alpha: 0.77; consistent; total sample size: 105	Indeterminate	N/A	(6)

### VALIDITY

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Construct validity				
MCS	mJOA Pearson's correlation: 0.19; total sample size: 235	Sufficient	High	(7)
	Pain, "Numeric rating scale" (Arm pain score) Pearson's correlation: -0.23; total sample size: 235			
	Pain, "Numeric rating scale" (Neck pain score) Pearson's correlation: -0.28; total sample size: 235			
	NDI Spearman's rank correlation: -0.17; total sample size: 92	Sufficient	Moderate	(8)
	SF-12 PCS Pearson's correlation: 0.01; total sample size: 235	Sufficient	High	(7)
PCS	mJOA Pearson's correlation: 0.43; total sample size: 235	Sufficient	High	(7)
	Pain, "Numeric rating scale" (Arm pain score) Pearson's correlation: -0.44; total sample size: 235			

## VALIDITY

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
PCS	Pain, "Numeric rating scale" (Neck pain score) Pearson's correlation: -0.41; total sample size: 235	Sufficient	High	(7)
	NDI Spearman's rank correlation: -0.49; total sample size: 92	Sufficient	Moderate	(8)
	SF-12 MCS Pearson's correlation: -0.29; total sample size: 92	Sufficient	Low	(8)

## RESPONSIVENESS

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Responsiveness				
PCS	SF-12 PCS Mean change score: 8.17; total sample size: 118	Indeterminate	Very low	(9)

## INTERPRETABILITY

Property	Result Summary	Overall Rating	Quality of Evidence	Reference
Interpretability				
MCS	SCB: 51.5; total sample size: 35	Indeterminate		(10)
PCS	SCB: 30.1; total sample size: 35	Indeterminate		(10)

## FEASIBILITY

Tool	Time (Min)	Equipment	Training	License	Money	Ease of Administration	Overall Assessment
SF-12	5	Minimal	No	Yes	Yes	Minimal barriers	Barriers