

Supplementary File 3 - Data extraction tables for stage 2

Table 1 - PROM Characteristics

PROM	Year of development	Construct	Target population	Mode of administration	Recall period	Subscales (number of items)	Response options	Range of scores	Original language	Available translations	No. of evaluation studies

Table 2 – Study population characteristics by measurement property

		Measurement property (e.g. content validity/structural validity/internal consistency)	Population			Disease characteristics				Instrument administration		
PROM	Ref		n	Age (mean, SD, range)	Gender	Fraction of cohort with EOS	Aetiology of EOS	Curve characteristics	Treatment modality breakdown (%surgery/bracing/casting/conservative)	Country	Language	Response rate
e.g. SRS22		e.g. Content validity										
e.g. SRS22		e.g. Reliability										

Table 3 - PROM Measurement properties 1 (each study of a PROM will be listed on a separate row)

PROM	Country	Structural validity			Internal consistency			Cross-cultural validity/measurement invariance			Reliability		
		N (sample size)	Method. quality	Result (rating)	n	Method. quality	Result (rating) (+/-/?)	n	Method. quality	Result (rating)	n	Method. quality	Result (rating)
					102	Adequate	e.g. Cronbach alph.= 0.91 (+)				68	Very Good	e.g. ICC = 0.84 (+)
Pooled or summary result (overall rating)													

Table 3 cont. – PROM Measurement properties 2

PROM	Country	Measurement error			Criterion validity			Hypotheses testing			Responsiveness		
		n	Method. quality	Result (rating)	n	Method. quality	Result (rating)	n	Method. quality	Result (rating)	n	Method. quality	Result (rating)

Pooled or summary result (overall rating)												
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Table 4 - Summary of findings overview 1

PROM	Content validity		
	Summary or pooled result	Overall rating	Quality of evidence - GRADE rating (High/moderate/low/very low)
		e.g. Sufficient	e.g. Moderate
		e.g. Insufficient	e.g. Low (downgraded for indirectness)

Table 5 – Summary of findings overview 2

PROM	Structural validity			Internal consistency			Cross-cultural validity/measurement invariance		
	Summary or pooled result	Overall rating	Quality of evidence (GRADE rating)	Summary or pooled result	Overall rating	Quality of evidence (GRADE rating)	Summary or pooled result	Overall rating	Quality of evidence (GRADE rating)

Table 5 – Summary of findings overview 3

PROM	Measurement error	Hypotheses testing	Responsiveness
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	Summary or pooled result	Overall rating	Quality of evidence (GRADE rating)	Summary or pooled result	Overall rating	Quality of evidence (GRADE rating)	Summary or pooled result	Overall rating	Quality of evidence (GRADE rating)