

Article title

Ankle Fractures: A Systematic Review of Patient Reported Outcome Measures and their measurement properties

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Online Resource 6 Table on interpretability

Reference	PROM	Distribution of scores in the population	Missing (%)	Floor and ceiling effects	MIC
Büker 2017	OMAS	Mean 73 ± 23 (range 10-100)	?	?	?
Erichsen 2021 (2)	SEFAS	Mean 28 ± 9.6	?	6 weeks: 22.4% (floor)	Mean 5 ± 1.5
Fang 2020	TEFTOM	TOM 12 months mean 34 ± 5.7	?	?	?
Garratt 2018	LEFS	Mean 67 ± 15	4.2	?	?
Garratt 2018	OMAS	Mean 74 ± 25	17.3	?	?
Garratt 2018	SEFAS	Mean 81 ± 19	8.5	?	?
Gausden 2018	PROMIS LE CAT	?	?	No	3.7 (distribution-based)
Gausden 2018	PROMIS PF ver 1.2 CAT	?	?	No	4.3 (distribution-based)
Greve 2018	MAQ	Mean 76 ± 19	?	No	
Lash 2002	OMAS	Mean 71 ± 22	?	?	?
Lin 2009 (1)	LEFS	Baseline: mean 31 ± 12; 4-6 w: mean 54 ± 13; 24-26 w: mean 69 ± 12	5.8	No	?
Lin 2009 (2)	LEFS	6 w: mean 51 ± 13; 26 w: mean 66 ± 12	?	?	?
McKeown 2021	OMAS	?	?	No	Mean 9.7 ± 15
McPhail 2014	A-FORM v1.0	?	?	?	?
Nilsson 2013 (1)	OMAS	First assessment mean 75 ± 19; second assessment mean 77 ± 18	?	No	?
Nilsson 2013 (2)	OMAS	?	?	?	?
Nilsson 2013 (3)	OMAS	Median 80 (IQR 25, range 30-100)	?	No	?
Obremskey 2007	SMFA	Dysfunction index mean 17 ± 15; Bother index mean 18 ± 18	< 5	No	?
Olerud-Molander 1984	OMAS	?	?	?	?

Reference	PROM	Distribution of scores in the population	Missing (%)	Floor and ceiling effects	MIC
Ponkilainen 2019	WOMAC version 3.0 foot/ankle	Index median 8 (IQR 22); Pain median 6 (IQR 16); Stiffness median 8 (IQR 33); PF median 6 (IQR 13)	?	No	?
Ponzer 1999	OMAS	Mean 84 ± 23 (range 10-100)	?	?	?
Repo 2017	LEFS	Mean 66 ± 15	?	17% (ceiling)	?
Repo 2018	VAS-FA	Pain mean 73 ± 27; Function mean 76 ± 24; Other complaints mean 74 ± 23	?	No	?
Repo 2019	LEFS	?	?	?	?
Schultz 2020	FAAM	?	?	?	?
Shah 2007	OMAS	Weber B mean 75 (95% CI 70-82); Weber C mean 73 (95% CI 61-86)	?	?	?
Suk 2013	TEFTOM	TOM 12 months: mean 33 (95% CI: 32-34)	?	No	?
Turhan 2017	OMAS	Mean 74 ± 24	?	First assessment: 27% (ceiling); Second assessment: 29% (ceiling)	?
Zelle 2017	AAOS-FAOQ	Mean 48 ± 24	?	?	?

? = Not reported

Abbreviations:

AAOS-FAOQ = American Academy of Orthopaedic Surgeons Foot and Ankle Outcomes Questionnaire

A-FORM = Ankle Fracture Outcome of Rehabilitation Measure

CAT = Computer Adaptive Test

FAAM = Foot and Ankle Ability Measure

IQR = Interquartile Range

LE = Lower Extremity

LEFS = Lower Extremity Functional Scale

MAQ = Munich Ankle Questionnaire

MIC = Minimal Important Change

OMAS = Olerud-Molander Ankle Score

PF = Physical Function

PROMIS = Patient-Reported Outcomes Measurement Information System

SEFAS = Self-Reported Foot and Ankle Score

SMFA = Short Musculoskeletal Function Assessment

TEFTOM = Trauma Expectation Factor Trauma Outcome Measure

VAS-FA = Visual Analogue Scale Foot and Ankle

WOMAC = Western Ontario and McMaster Universities Osteoarthritis Index