

Oxford Knee Score (OKS)

Measures pain & function in relation to daily activities

Phases

Pre-op
Post-acute
Active living



ICF

Body function
Activity¹



Time

5-10 mins¹



Administration

Print and online versions



Quality



Validity

TKA: Good evidence for its content and construct validity.^{3,4} TKA: Strong correlation with SF-36 physical subscore ($r=-0.69$ pre-op & -0.66 post-op) & Health Assessment Questionnaire disability index ($r=0.60$).^{5,6}



Reliability

TKA: Excellent internal consistency $ICC=.91-.94$ ^{6,7}
Test-retest reliability: TKA: Good test-retest reliability⁶; Knee OA: Good test-retest reliability for summary score ($ICC=.93$), pain ($ICC=.91$) & functional ($ICC=.92$) subscores.⁸



Responsiveness

TKA: Large effect size (2.19) from pre-op to 6-mos post-op.⁵ TKA: Good sensitivity & responsiveness.⁶



Floor/ceiling effects

TKA/knee OA: No floor effect post-op⁷ but significant ceiling effect ≥ 1 -yr post-op.^{6,7,9}



Feasibility

Quick to complete & score, routinely used in joint replacement clinical registries, however, requires free registration to use.



Instructions

Ask patient to respond to questions based on a 4-wk recall period. See 'Relevant Links' for detailed instructions.

Scoring: Score responses from 0 (worse) to 4 (best) for total score 0 to 48. Pain & function subscores can also be calculated. Note: In 2007, a new scoring system of 0 (worst) to 48 (best) was developed; previously it was 12 (best) to 60 (worst)- interpret and report scores accordingly.²



Interpretation

Direction: Higher score = better

SEM: TKA: 2.2 points (95% CI 1.8-2.9)⁷

MDC₉₀: TKA: 4-6.1 points^{6,7,10}

MCID: TKA: 7 points¹⁰; Knee OA: 7.1 points⁶ & the same at the individual patient level¹¹ Knee OA: After 4-wks of PT treatment, MCID = 17.5 points for functional component score¹²

Normative/Reference values: Pre- & post-TKR reference values available by age & gender.¹³



Interpretation (contd.)

Cut points/thresholds: TKA: Optimal threshold for success = 32.5 points, range 28.5–36.5 depending on pre-op scores.¹⁴ Knee OA: Based on single Canadian surgeon's caseload, patients with OKS >32 points were deemed non-surgical.¹⁵

PASS: TKA: PASS values (CI) were similar at 3-mos = 27 (26–28), 12-mos = 30 (29–31), & 2-yrs = 30 (29–31) post-op.¹⁵ In another study, PASS at 6-mos post-op = 28 (95% CI 26.9–30.0) & 12-mos post-op = 32 (30.0–33.6).¹⁶



Other

Key messages: Recommended. Quick and easy to administer and score. Acceptable psychometric properties although there is a significant ceiling at ≥1-yr post-op. Commonly used in TKA registries. A license is required (free for clinical purposes) but can be accessed online from Orthopaedic Scores.

Translations: Available in multiple languages.¹⁷



Relevant Links

[Summary & instructions \(Oxford University\)](#)

[Licencing \(Oxford University\)](#)

[List of available languages \(Oxford University\)](#)¹⁷

[Online fillable PDF \(Orthopaedicscores.com\)](#)

[Summary & instructions \(Physiopedia\)](#)

[Summary & instructions \(Shirley Ryan AbilityLab\)](#)



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