

Uitgebreide toelichting van het meetinstrument

Patient Specific Functional Scale (PSFS)

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1 Algemene gegevens

	Het meetinstrument heeft betrekking op de volgende categorieën
Lichaamsregio	Wervelkolom; Onderste extremiteit
Aandoening (ICD)	Bewegingsapparaat
Domein 'Menselijk functioneren' (ICF)	Activiteiten

- *Korte beschrijving* → Met het meetinstrument Patient Specific Functional Scale (PSFS) kan de functionele status van de individuele patiënt bepaald worden. Het bestaat uit een korte inleidende instructie die de therapeut aan de patiënt geeft. De patiënt wordt gevraagd de voor hem belangrijkste activiteiten (tot 5) te benoemen die hem moeite kosten of die hij niet in staat is uit te voeren vanwege zijn problematiek. Tenslotte scoort de patiënt zelf de mate van beperkingen bij de activiteiten op een 11-puntsschaal (0 = onmogelijk om activiteit uit te voeren, 10 = mogelijk om activiteit uit te voeren). Een hogere score betekent een betere functie. Bij vervolgmetingen heeft de patiënt inzage in zijn vorige scores.
- *Doelgroep* → geschikt voor meerdere doelgroepen¹, onderzoek is o.a. gedaan bij patiënten met rugpijn², nekpijn³ en problemen met de onderste extremiteit (knie)², schouderklachten², zenuwletsel in de bovenste extremiteit⁴, arterieel lijden⁵
- *Auteur:*
 - ✓ *Oorspronkelijke versie* → Stratford P, Gill C, Westaway M, Binkley J (1995)⁶
 - ✓ *Nederlandse versie* → Schreuders TAJ, Videler AJ (2008)⁷

2 Doel van het meetinstrument

- Inventariserend
- Evaluatief / effectiviteit

3 *Soort / vorm van het meetinstrument*

- Vragenlijst
- *Opbouw* → in totaal 3-5 items, die de patiënt zelf kiest
- *Invulinstructie* → patiënt vult zijn belangrijkste activiteiten in, items worden beoordeeld op een 11-puntsschaal
- *Meetniveau* → per item: wijze score (0-10); meetniveau ordinaal
- *Meetniveau* → totaalscore: wijze score (score per schaal optellen: 0-30; afhankelijk van aantal items 0-50); meetniveau ordinaal

4 *Verkrijgbaarheid*

- *Opvraagbaar bij* → www.meetinstrumentenzorg.nl
- *Geschatte kosten* → gratis te downloaden
- *Copyright* → ja

5 *Methodologische kwaliteit*

Gegevens over de methodologische kwaliteit staan o.a. in de volgende reviews:

- Silva TFCE, Nunes ACL, Barreto MCA, Castro SS, Jesus-Moraleida FR. Questionnaires that assess disability in children and adolescents with low back pain adhere to the concepts of the International classification of functioning, disability and health (ICF), but lack validity for this population: a systematic review. 2024⁸
- Abbot S, Proudman S, Sim YP, Williams N. Psychometric properties of patient-reported outcomes measures used to assess upper limb pathology: a systematic review. 2022 Dec⁹
- Jamshidi F, Farzad M, MacDermid JC, Varahra A, Hosseini SA, Asgarabad MH. Assessing the content based on ICF and quality based on COSMIN criteria of patient-reported outcome measures of functioning in breast cancer survivors: a systematic review. 2022¹⁰
- Lim P, Li H, Neoh D, Ng SK. Health-related quality of life measurement tools for lymphedema: a review of the literature. 2022¹¹
- Griffin AR, Leaver AM, Arora M, Walton DM, Peek A, Bandong AN, Sterling M, Rebbeck T; CATWAD Co-authors. Clinimetric properties of self-reported disability scales for whiplash: a systematic review for the Whiplash Core Outcome Set (CATWAD). 2021¹²
- Balk EM, Gazula A, Markozannes G, Kimmel HJ, Saldanha IJ, Trikalinos TA, Resnik LJ. Psychometric properties of functional, ambulatory, and quality of life instruments in lower limb amputees: a systematic review. 2019¹³
- Nowak LL, Davis AM, Mamdani M, Beaton D, Kennedy C, Schemitsch EH. A systematic review and standardized comparison of available evidence for outcome measures used to evaluate proximal humerus fracture patients. 2019¹⁴
- Lemeunier N, da Silva-Oolup S, Olesen K, Shearer H, Carroll LJ, Brady O, Côté E, Stern P, Tuff T, Suri-Chilana M, Torres P, Wong JJ, Sutton D, Murnaghan K, Côté P. Reliability and validity of self-reported questionnaires to measure pain and disability in adults with neck pain and its associated disorders: part 3-a systematic review from the CADRE Collaboration. 2019¹⁵
- Bobos P, MacDermid JC, Walton DM, Gross A, Santaguida PL. Patient-reported outcome measures used for neck disorders: an overview of systematic reviews. 2018¹⁶

- Gagnier JJ, Huang H, Mullins M, Marinac-Dabić D, Ghambaryan A, Eloff B, Mirza F, Bayona M. Measurement properties of patient-reported outcome measures used in patients undergoing total hip arthroplasty: a systematic review. 2018¹⁷
- Singh A, Tetreault L, Casey A, Laing R, Statham P, Fehlings MG. A summary of assessment tools for patients suffering from cervical spondylotic myelopathy: a systematic review on validity, reliability and responsiveness. 2015¹⁸
- Howe TE, Dawson LJ, Syme G, Duncan L, Reid J. Evaluation of outcome measures for use in clinical practice for adults with musculoskeletal conditions of the knee: a systematic review. 2012¹⁹
- Barten JA, Pisters MF, Huisman PA, et al. Measurement properties of patient-specific instruments measuring physical function. 2012¹
- Horn KK, Jennings S, Richardson G, Vliet DV, Hefford C, Abbott JH. The patient-specific functional scale: psychometrics, clinimetrics, and application as a clinical outcome measure. 2012³

Gegevens over de methodologische kwaliteit van de modified PSFS 2.0 versie staan in de volgende reviews:

- Nazari G, Bobos P, Lu Z, Reischl S, MacDermid JC. Psychometric properties of Patient-Specific Functional Scale in patients with upper extremity disorders: a systematic review. 2022²⁰
- Pathak A, Wilson R, Sharma S, Pryymachenko Y, Ribeiro DC, Chua J, Abbott JH. Measurement properties of the Patient-Specific Functional Scale and its current uses: an updated systematic review of 57 studies using COSMIN guidelines. 2022²¹
- Nazari G, Bobos P, Lu S, Reischl S, Almeida PH, MacDermid JC. Psychometric properties of the Patient-Specific Functional Scale in patients with low back pathology: a systematic review and meta-analysis. 2022²²

6 Hanteerbaarheid / feasibility

- *Taal* → origineel Engels, Nederlandse vertaling
- *Benodigdheden* → invulformulier
- *Randvoorwaarden* → persoon moet alleen, zonder hulp van anderen, de vragen invullen
- *Benodigde tijd* → 3-5 minuten¹
- *Gebruikershandleiding* → nee

7 Normgegevens

8 Overige gegevens

- Er bestaan 9 verschillende versies van de PSFS, afhankelijk van de doelgroep van het meetinstrument.¹
- Er bestaat een modified 2.0 versie van het instrument. Dit bevat een omgekeerde numerieke beoordelingschaal en een extra lijst met activiteiten die patiënten kunnen kiezen.^{23,24}
- De PSFS is ook opgenomen in de Database Rehabilitation Measures.²⁵

9 *Literatuurlijst*

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9. Abbot S, Proudman S, Sim YP, Williams N. Psychometric properties of patient-reported outcomes measures used to assess upper limb pathology: a systematic review. *ANZ J Surg*. 2022 Dec;92(12):3170-3175.
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