Uitgebreide toelichting van het meetinstrument

Constant-Murley Score

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1 Algemene gegevens

	Het meetinstrument heeft betrekking op de volgende categorieën
Lichaamsregio	Bovenste extremiteit
Aandoening (ICD)	Bewegingsapparaat
Domein 'Menselijk functioneren' (ICF)	Sensorische functies en pijn; Bewegingssysteem; Algemene taken en eisen

- *Korte beschrijving* → De Constant-Murley Score is een gecombineerd scoringssysteem ter evaluatie van de functionele toestand van de schouder bij patiënten met schouderklachten. Het bestaat uit 2 delen: een vragenlijst die door de patiënt zelf wordt ingevuld en een vragenlijst die de onderzoeker invult aan de hand van lichamelijke testen. Een hoge score op de Constant-Murley Score komt overeen met een goed functionerende schouder.[1,2]

- *Doelgroep* → patiënten met schouderklachten[1,2]

- *Auteur:*
  - ✓ *Oorspronkelijke versie* → Constant CR, Murley AHG (1987)[2]
  - ✓ *Nederlandse versie* → beschikbare versie afkomstig van www.fysiovragenlijst.nl

2 Doel van het meetinstrument

- Evaluatief / effectiviteit
- Inventariserend

3 *Soort / vorm van het meetinstrument*

- Vragenlijst / lichamelijk onderzoek / fysieke performance test
- *Opbouw* → totaal 14 items, verdeeld over een subjectief en een objectief deel
- *Invulinstructie* → geen
- *Meetniveau* → per item: wijze score (0-100); meetniveau ordinaal
- *Meetniveau* → per item: wijze score (variabel); meetniveau nominaal en ordinaal
- *Meetniveau* → totaal: het scoresysteem bevat 35 punten voor de subjectieve meting en 65 punten voor de objectieve meting[3]

De formule voor de totale score luidt:
pijn (0–15) + ADL (4 x (0–5) = 0–20) + mobility (4 x (0–10) = 0–40) + strength (0 –25)[4]

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:

- Waddell LM, Musbahi O, Collins JE, et al. Responsiveness of Subjective and Objective Measures of Pain and Function Following Operative Interventions for Musculoskeletal Conditions: A Narrative Review. 2024[5]
- 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[6]
- Alberghina F, Andreacchio A, Pavone V, Mansour M, Dimeglio A, Canavese F. Review of pediatric functional outcomes measures used to evaluate surgical management in pediatric patients with an upper extremity fracture. 2022[7]
- Aldon-Villegas R, Ridao-Fernández C, Torres-Enamorado D, Chamorro-Moriana G. How to Assess Shoulder Functionality: A Systematic Review of Existing Validated Outcome Measures. 2021[8]
- Cronin KJ, Magnuson JA, Murphy ML, Unger RZ, Jacobs CA, Blake MH. Responsiveness of patient-reported outcomes in shoulder arthroplasty: what are we actually measuring? 2021[9]
- Hollman F, de Raadt WM, Wolterbeek N, van Rhijn LW, Auw Yang KG. Interchangeability of Diverse Analog Scales Used Within the Constant-Murley Score. 2021[10]
- Whittle JH, Peters SE, Manzanero S, Duke PF. A systematic review of patient-reported outcome measures used in shoulder instability research. 2020[11]
- Darwich A, Schüttler V, Obertacke U, Jawhar A. Outcome Measures to Evaluate Upper and Lower Extremity: Which Scores are Valid?. Scores zur Nachuntersuchung von Behandlungsergebnissen: Welche sind valide? 2020[12]
- Craxford S, Deacon C, Myint Y, Ollivere B. Assessing outcome measures used after rib fracture: A COSMIN systematic review. 2019[13]
- 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. 2019[14]

- Truong WH, Price MJ, Agarwal KN, et al. Utilization of a Wide Array of Nonvalidated Outcome Scales in Pediatric Orthopaedic Publications: Can't We All Measure the Same Thing? 2019[15]
- Vrotsou K, Ávila M, Machón M, et al. Constant-Murley Score: systematic review and standardized evaluation in different shoulder pathologies. 2018[16]
- St-Pierre C, et al. Psychometric properties of self-reported questionnaires for the evaluation of symptoms and functional limitations in individuals with rotator cuff disorders: a systematic review. 2016[17]
- Huang H, et al. A systematic review of the psychometric properties of patient-reported outcome instruments for use in patients with rotator cuff disease. 2015[18]
- Slobogean GP, Slobogean BL. Measuring shoulder injury function: common scales and checklists. 2011[19]
- Roy JS, MacDermid JC, Woodhouse LJ. A systematic review of the psychometric properties of the Constant-Murley score. 2010[20]

6 Hanteerbaarheid / feasibility

- *Taal* → originele versie Engels, vertaling in het Nederlands
- *Benodigdheden* → Constant-Murley scale, pen, goniometer, spring balance test
- *Randvoorwaarden* →
- *Benodigde tijd* → 5-7 minuten[4]
- *Gebruikershandleiding* →

7 Normgegevens

- *Uitkomstklassen en normgegevens* →

  De Constant-Murley Score wordt als volgt geïnterpreteerd:[21]
  0-55 punten = slecht
  56-70 punten = middelmatig
  71-85 punten = goed
  86-100 punten = excellent

8 Overige gegevens

- De Constant-Murley Score staat ook beschreven in de Database Rehabilitation Measures.[22]

9 Literatuurlijst

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