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Measurement instruments for patients with rheumatic disorders: a clinimetric appraisal

Swinkels, R.A.H.M.

2005

document version

Publisher's PDF, also known as Version of record

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citation for published version (APA)

Swinkels, R. A. H. M. (2005). *Measurement instruments for patients with rheumatic disorders: a clinimetric appraisal*.

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E-mail address:

vuresearchportal.ub@vu.nl

Table 3.2 Frequency of validation of measurement instruments for the assessment of impairments in body structures and function in patients with rheumatic disorders against different levels of construct

Impairments	Instruments and subscales (n)	Number of times an instrument was validated (n)	Level 1 n(%)	Level 2 n(%)	Level 3 n(%)	Level 4 n(%)	Level 5 n(%)	Level 6 n(%)
Mental functions	9	158	24 (15%)	0	0	75 (47%)	24 (15%)	35 (22%)
Stiffness	4	45	3 (7%)	2 (4%)	0	28 (63%)	7 (14%)	5 (12%)
Sensory functions*	13	210	43 (20%)	19 (9%)	0	78 (37%)	21 (10%)	49 (23%)
Mobility	11	64	9 (14%)	0	0	36 (57%)	7 (11%)	12 (18%)
Muscle force	3	61	13 (21%)	0	0	36 (59%)	1 (1%)	11 (17%)
Swelling	2	62	2 (3%)	2 (3%)	0	10 (16%)	0	48 (77%)
Total	42	600[#]	94 (15.7%)	23 (3.8%)	0	263 (44%)	60 (10%)	160 (27%)

Levels indicate level of construct as defined in Table 3.1.

The percentages are row percentages based on the numbers presented in the third column.

* Sensory functions including pain

In total 216 articles were included, which generated 600 validity calculations, because in the majority of articles the measurement instrument was validated against more than one construct.