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Instructions for use of the model for documentation of recovery after nerve repair:

The model is based on a standardised test battery presented in detail in the article "A model instrument for the documentation of outcome after nerve repair" av Rosén och Lndborg i *J Hand Surg* 2000;25A:535-543.

Equipment:

Semmes-Weinstein monofilament (pocket versionen)

Disk CriminatorsTM

STI-testTM

Sollerman test

Jamar dynamometer

Calculator

The results from each assessment are expressed as the quotient between obtained result and normal.

Exempel:

- 1) In for example *sensory innervation* the results from the monofilament test in the mared 3 *critical sites* for the relevant nerve (medianus: tip of digit I, II, and base phalanx of digit II, ulnar: tip and base of digit V and base of hypothenar) are quantified 0-5 according to instructions in the *Instrument and quantification* column. The results are summarised and the quotient to fill in the *Scoring key* column of the protocol for each follow-up, is calculated by dividing the obtained results with the normal outcome. The normal result is also given in the *Instrument and quantification* column, in sensory innervation it is 15. The full score for each assessment is 1.0 (two decimals). Scoring for the following assessment is kept according to the same procedure, with varying maximum and normal results for the individual instruments.
- 2) Since the three domains (sensory, motor, pain/discomfort) do not contain an identical number of assessment instruments, the mean score for each domain is calculated. The full score for each domain is 1.0 (two decimals).
- 3) The mean scores from the three domains are finally summarised to a *total score*, and the full score is consequently 3.0 (one decimal). The *Total score* is noted at the bottom of *Scoring key* column and in the graph for visual feedback.