



# Launching the ICF-based assessment - the ICF Hand<sub>A</sub> - by using the online presence of the Lighthouse Project Hand

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Poster Number  
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**Abstract** Data of functioning and environmental factors can be collected in patients with hand injuries and hand disorders by using the ICF Hand<sub>A</sub>, an assessment set covering the categories of the Brief ICF Core Set for Hand Conditions. On the website of the Lighthouse Project Hand we provide detailed information including image and video material to illustrate how to apply the specific outcome measures and clinical tests of the ICF Hand<sub>A</sub>. This is expected to improve standardized data collection on functioning in clinical practice.

## Introduction

The implementation of the Brief ICF Core Set for Hand Conditions in the treatment and rehabilitation of persons with hand injuries and hand disorders is the overall aim of the Lighthouse Project Hand. Accordingly, the ICF Hand<sub>A</sub>, an assessment set covering the categories of the Brief ICF Core Set for Hand Conditions, has been developed within the Lighthouse Project Hand. Using the ICF Hand<sub>A</sub> would facilitate the assessment of functioning and the comparability of functioning-related information among subgroups of patients and institutions. However, this requires knowledge and correct use of all outcome measures and clinical tests included in the ICF Hand<sub>A</sub>. In this poster, we report on the dissemination of the ICF Hand<sub>A</sub> and its application using the website of the Lighthouse Project Hand.

## Methods & Materials

We set up an overview page on the Lighthouse project Hand website, visualizing the categories covered by the ICF Hand<sub>A</sub> at a glance. This page also serves as a starting point for navigating to the assessment pages of the website, created for all categories included in the ICF Hand<sub>A</sub>. On the assessment pages the specific outcome measures and clinical tests assigned to a certain category are presented.

For illustration we inserted images and video material which were created by physicians, hand therapists, and occupational therapists of the hand trauma centre of the BG Trauma Hospital Hamburg, Germany.

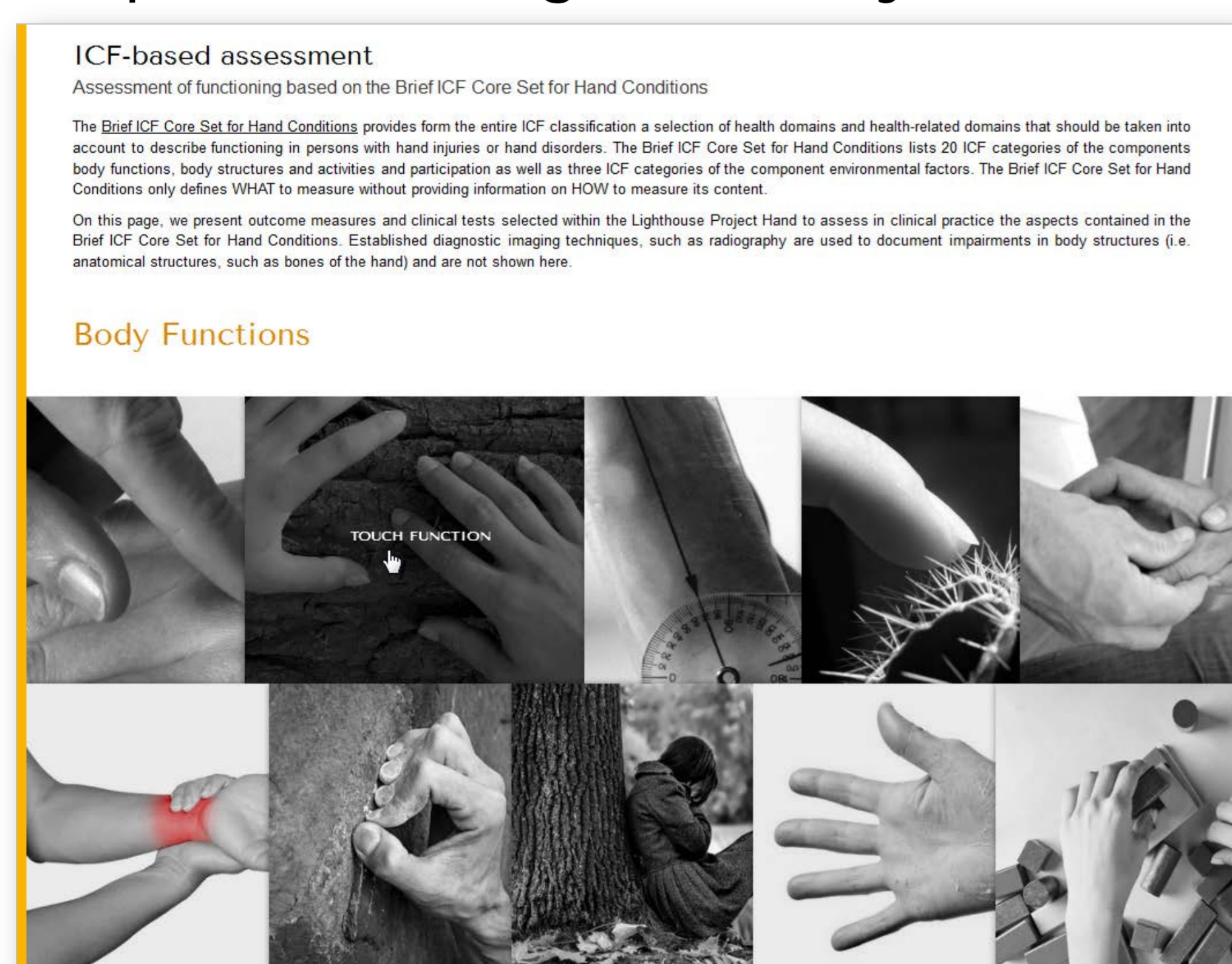


Figure 1: Part of the overview page visualizing the body functions included in the ICF Hand<sub>A</sub>.

## Results

On the website of the Lighthouse Project Hand comprehensive material are now available to inform about the entire assessment procedure and to illustrate how to apply the specific outcome measures and clinical tests included in the ICF Hand<sub>A</sub>.

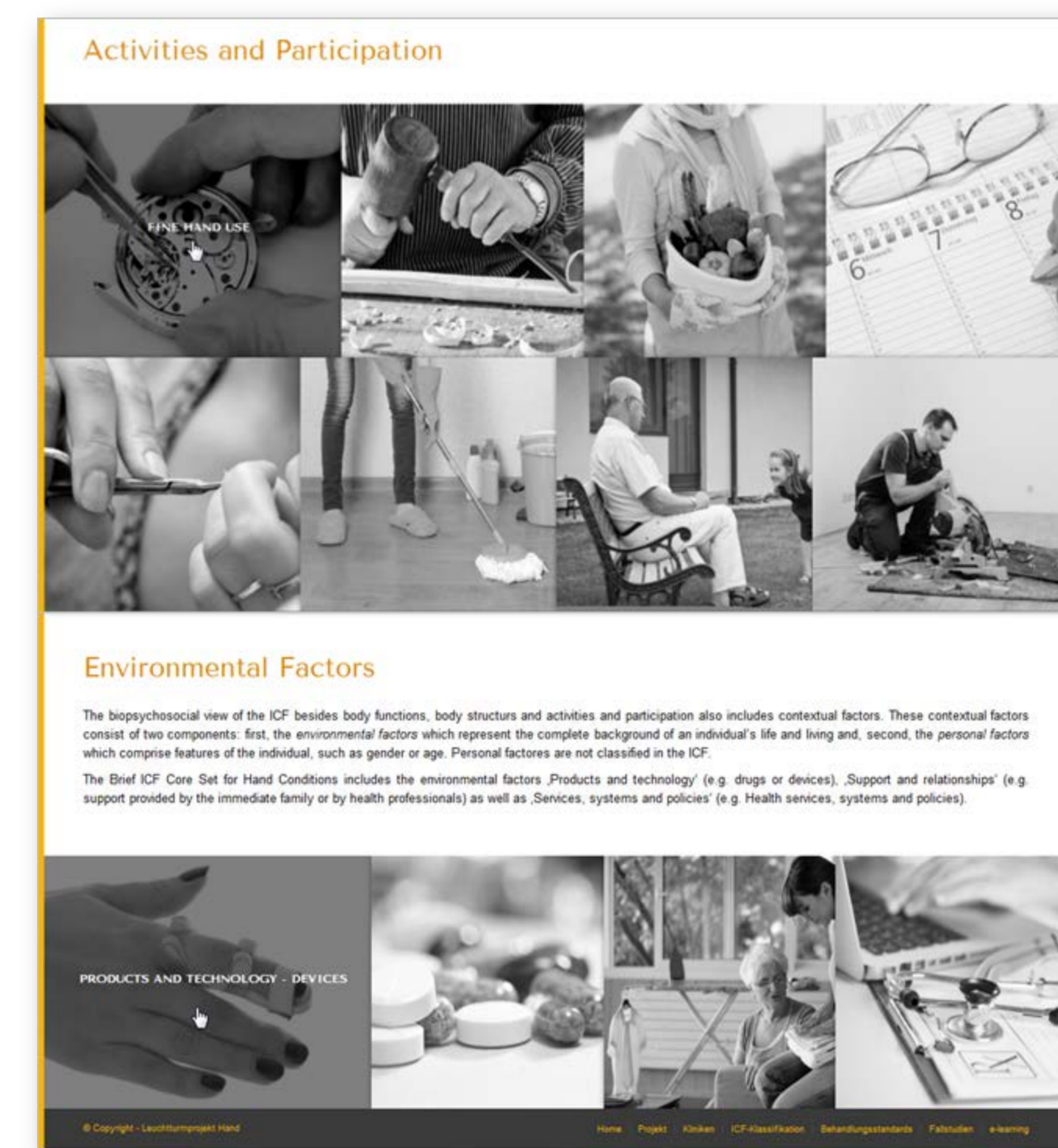


Figure 2: Part of the overview page visualizing activities and participation categories and environmental factors included in the ICF Hand<sub>A</sub>.

which test performance or assessment application are shown and explained in detail, along with examples of how to document the data obtained.

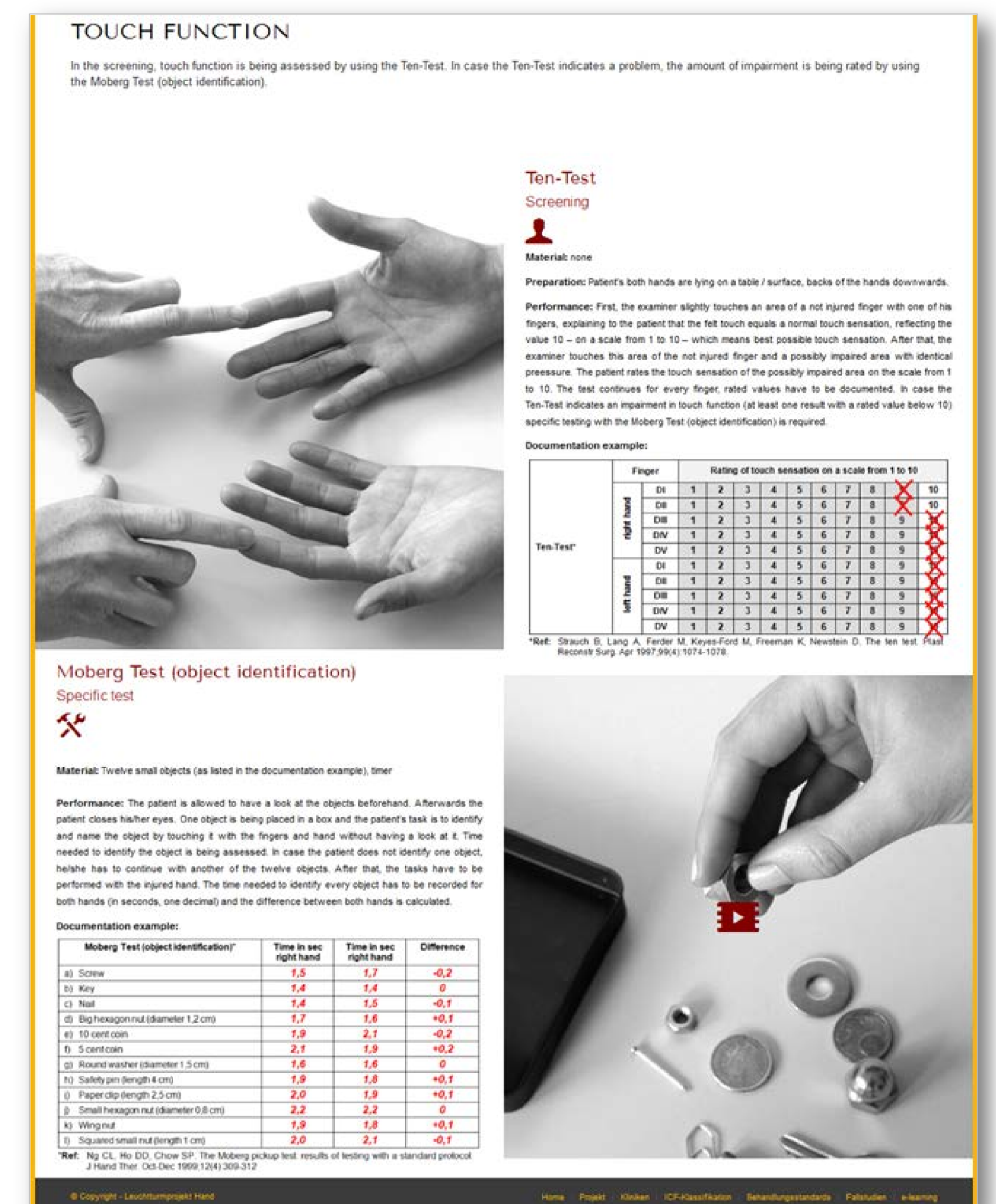


Figure 4: Assessment page showing the outcome measures included in the ICF Hand<sub>A</sub> to assess touch function (b265).

## Conclusion

Dissemination of the ICF Hand<sub>A</sub>, using the online presence of the Lighthouse Project Hand, is considered to be an effective way of spreading information about how to assess functioning in persons with hand injuries or hand disorders. Providing a clear description of the assessments is expected to improve standardized data collection on functioning in clinical practice.

## Acknowledgements or Notes

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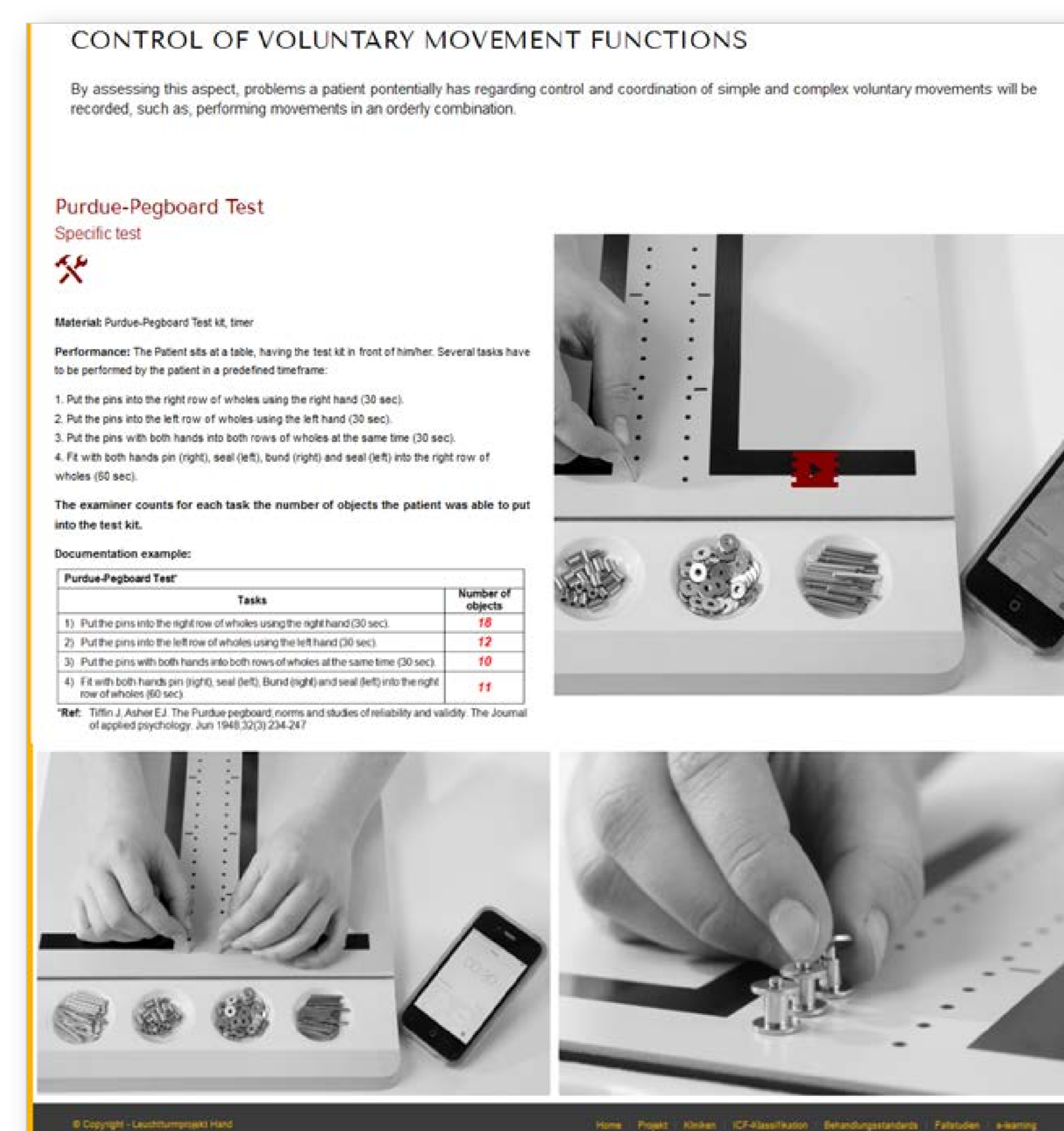


Figure 3: Assessment page showing an outcome measure included in the ICF Hand<sub>A</sub> to assess control of voluntary movement functions (b760).