



Universiteit  
Leiden  
The Netherlands

## Comprehensive measurement of long-term outcomes and costs of rehabilitation in patients with stroke

Meijeren-Pont, W. van

### Citation

Meijeren-Pont, W. van. (2023, February 22). *Comprehensive measurement of long-term outcomes and costs of rehabilitation in patients with stroke*. Retrieved from <https://hdl.handle.net/1887/3564442>

Version: Publisher's Version

[Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/3564442>

**Note:** To cite this publication please use the final published version (if applicable).

# Comprehensive measurement of long-term outcomes and costs of rehabilitation in patients with stroke

Wilhelmina van Meijeren-Pont

Promotor

prof. dr. T.P.M. Vliet Vlieland

Co-promotoren

dr. D.M. Oosterveer

dr. S.J. Tamminga

Leden promotiecommissie

prof. dr. W.P. Achterberg

prof. dr. S. Brouwer, Universitair Medisch Centrum Groningen

prof. dr. R. Dekker, Universitair Medisch Centrum Groningen

prof. dr. J. Gussekloo

# Comprehensive measurement of long-term outcomes and costs of rehabilitation in patients with stroke

Proefschrift

ter verkrijging van  
de graad van doctor aan de Universiteit Leiden,  
op gezag van rector magnificus prof.dr.ir. H. Bijl,  
volgens besluit van het college voor promoties  
te verdedigen op woensdag 22 februari 2023

klokke 11.15 uur

door

Wilhelmina van Meijeren-Pont

geboren te Alphen aan den Rijn  
in 1989

Comprehensive measurement of long-term outcomes and costs of rehabilitation in patients with stroke

© Winke van Meijeren-Pont, 2023

ISBN: 978-94-6469-168-9

Cover and illustrations: Astrid Pont

Design & lay-out: Proefschriftmaken.nl

Print: Proefschriftmaken.nl

The printing of this thesis was financially supported by the Scientific College Physical Therapy (WCF) of the Royal Dutch Society for Physical Therapy (KNGF).

## Table of contents

<b>Chapter 1</b>	General Introduction	7
<b>Chapter 2</b>	The trajectory of pain and pain intensity in the upper extremity after stroke over time: a prospective study in a rehabilitation population <i>Accepted for publication in Disabil Rehabil.</i>	21
<b>Chapter 3</b>	Comparison of the responsiveness of the Utrecht Scale for Evaluation of Rehabilitation (USER) and the Barthel Index in stroke patients <i>Clin Rehabil. 2019;33(10):1672-1681</i>	37
<b>Chapter 4</b>	The long-term course of participation in stroke patients with paid employment <i>Submitted</i>	55
<b>Chapter 5</b>	Patient Activation During the First 6 Months After the Start of Stroke Rehabilitation <i>Arch Phys Med Rehabil. 2022;S0003-9993(22)00274-X</i>	75
<b>Chapter 6</b>	Caregiver burden after stroke: changes over time? <i>Disabil Rehabil. 2020;42(3):360-367</i>	93
<b>Chapter 7</b>	Societal burden of stroke rehabilitation: costs and health outcomes after admission to stroke rehabilitation <i>J Rehabil Med. 2021 Jun 2;53(6):irm00201</i>	111
<b>Chapter 8</b>	Summary and General Discussion	133
<b>Chapter 9</b>	Nederlandse samenvatting	149
<b>Chapter 10</b>	List of publications	169
	Curriculum Vitae	172
	Dankwoord	173