

University of Groningen

Sustained physical activity and health following rehabilitation

Hegeman-Seves, Bregje

DOI:
[10.33612/diss.663699339](https://doi.org/10.33612/diss.663699339)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2023

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Hegeman-Seves, B. (2023). *Sustained physical activity and health following rehabilitation: unravelling the role of perceived fatigue and activity pacing behaviour*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.663699339>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Sustained physical activity and health following rehabilitation

unravelling the role of perceived fatigue
and activity pacing behaviour



Bregje Seves

Sustained physical activity and health following rehabilitation

Unravelling the role of perceived fatigue and
activity pacing behaviour

Bregje Seves

This dissertation is a product of the Rehabilitation, Sports and Active Lifestyle (ReSpAct) study. The ReSpAct study is a collaboration between:

- Center for Human Movement Sciences, University Medical Center Groningen, University of Groningen.
- Department of Rehabilitation, University Medical Center Groningen, University of Groningen.

Research in this thesis was financially supported by a 3-year PhD-scholarship from the University of Groningen, University Medical Center Groningen; The Dutch Ministry of Health, Welfare and Sports; Stichting Beatrixoord Noord-Nederland; and supported by Knowledge Centre for Sport and Physical Activity Netherlands and Stichting Special Heroes Nederland.

The printing of this thesis was supported by a non commercial grant from the University of Groningen, the Graduate School for Health Research (Research institute SHARE) and the University Medical Center Groningen.



Cover design & chapter illustrations: Carlijn Seves, www.goedblauw.nl

Printing and layout by: Ipskamp Printing, www.ipskampprinting.nl

Paranimfen: Sjoukje Bouma & Renske Hengstman-Seves

© Bregje L. Seves, 2023

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any information storage or retrieval system, without permission of the author.



rijksuniversiteit
groningen

Sustained physical activity and health following rehabilitation

Unravelling the role of perceived fatigue and
activity pacing behaviour

Proefschrift

ter verkrijging van de graad van doctor aan de
Rijksuniversiteit Groningen
op gezag van de
rector magnificus prof. dr. C. Wijmenga
en volgens besluit van het College voor Promoties.

De openbare verdediging zal plaatsvinden op
donderdag 8 juni 2023 om 11.00 uur

door

Bregje Lieselot Seves

geboren op 28 maart 1995
te Hellendoorn

Promotores

Prof. dr. L.H.V. van der Woude

Prof. dr. R. Dekker

Copromotores

Prof. dr. F.J. Hettinga

Dr. T. Hoekstra

Beoordelingscommissie

Prof. dr. V. de Groot

Prof. dr. K.A.P.M. Lemmink

Dr. H.J.G. van den Berg-Emons

Table of contents

Chapter 1	General introduction	8
Chapter 2	Test-retest reliability and concurrent validity of the Adapted Short QUestionnaire to ASsess Health-enhancing physical activity (Adapted-SQUASH) in adults with disabilities. <i>Journal of Sports Sciences, 2021; Apr;39(8):875-886</i>	26
Chapter 3	Trajectories of Health-related Quality of Life among people with a physical disability and/or chronic disease during and after rehabilitation: a longitudinal cohort study. <i>Quality of Life Research, 2021; Jan;30(1):67-80</i>	60
Chapter 4	Perceived fatigue and perceived/performance fatigability associated with physical activity and health-related quality of life in people with diseases: a narrative review <i>In preparation for submission</i>	92
Chapter 5	Associations of perceived fatigue, perceived activity pacing and physical activity with accelerometer-derived activity pacing behaviour in people with physical disabilities and/or chronic diseases. <i>Under review</i>	146
Chapter 6	Unravelling perceived fatigue and activity pacing in maintaining a physically active lifestyle after stroke rehabilitation: a longitudinal cohort study. <i>Disability and Rehabilitation, 2021; Dec;43(24):3492-3502</i>	172

Chapter 7	Perceptions and experiences of the impact of fatigue on physical activity 5-8 years after stroke rehabilitation: an interview study.	210
	<i>Under review</i>	
Chapter 8	Getting the right people to the right care at the right time: a focus group study on post-stroke fatigue guidance	244
	<i>Under review</i>	
Chapter 9	General discussion	280
Appendices	Nederlandse samenvatting	306
	Dankwoord	313
	About the author	317
	List of publications	319
	Research institute for health research SHARE	322

