University of Groningen

Towards tailored elderly care

Peters, Lilian

DOI:

[10.1016/j.jpsychores.2013.02.003](https://doi.org/10.1016/j.jpsychores.2013.02.003)

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:

2015

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

Citation for published version (APA):

Peters, L. (2015). *Towards tailored elderly care: with self-assessment measures of frailty and case complexity*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.
<https://doi.org/10.1016/j.jpsychores.2013.02.003>

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.

Towards Tailored Elderly Care

**with self-assessment measures of
frailty and case complexity**

L.L. Peters

Towards Tailored Elderly Care with self-assessment measures of frailty and case complexity

Thesis, University of Groningen, The Netherlands

ISBN 978-90-367-7712-4 (printed version)

ISBN 978-90-367-7713-1 (digital version)

Author L.L. Peters

Cover and lay out ontwerp-mij.nu

Printed by Ridderprint BV, Ridderkerk

Copyright © L.L.Peters, Groningen 2015

All rights reserved. No part of this thesis may be reproduced or transmitted in any form by any means, without permission of the copyright owner

The studies presented in this thesis were supported by ZonMw, the Netherlands Organisation for Health Research and Development (grant 60-61900-98-218)

The author gratefully acknowledges financial support for printing this thesis by:

ABN AMRO

Academie voor Verloskunde Amsterdam Groningen

Mondzorgcentrum Winschoten

SHARE

Tandtechnisch Laboratorium Gerrit van Dijk, Groningen

University Medical Center Groningen

University Medical Center Groningen, afdeling Mondziekten,

Kaak- en Aangezichtschirurgie, Masterclass Gerontologie Groningen

University of Groningen

**rijksuniversiteit
 groningen**

Towards Tailored Elderly Care

**with self-assessment measures of
 frailty and case complexity**

Proefschrift

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

De openbare verdediging zal plaatsvinden op

woensdag 15 april 2015 om 16.15 uur

door

Lilian Lika Peters

geboren op 23 oktober 1979
 te Coevorden

Promotores

Prof. dr. E. Buskens

Prof. dr. J.P.J. Slaets

Copromotor

Dr. H. Boter

Beoordelingscommissie

Prof. dr. M.G.M. Olde Rikkert

Prof. dr. R.P. Stolk

Prof. dr. M.J. Schuurmans

Paranimfen
J.L. Aris-Meijer
L. Roseboom

Voor mijn allerliefste mama

CONTENTS

Chapter 1	General Introduction	11
Chapter 2a	Measurement properties of the Groningen Frailty Indicator in home-dwelling and institutionalized elderly people (published)	19
Chapter 2b	Response to the letter from Hoogendijk and Van Hout (published)	37
Chapter 3	Construct validity of the Groningen Frailty Indicator established in a large sample of home-dwelling elderly persons: evidence of stability across age and gender (submitted)	41
Chapter 4	Prediction modeling and risk assessment using gender, morbidity and the Groningen Frailty Indicator in the oldest old population: the Leiden 85-plus Study (submitted)	75
Chapter 5	Development and measurement properties of the self-assessment version of the INTERMED for the elderly to assess case complexity (published)	99
Chapter 6	Predictive validity of a frailty measure (GFI) and a case complexity measure (IM-E-SA) on healthcare costs in an elderly population (submitted)	119
Chapter 7	General discussion	143
Chapter 8	Summary (English/Dutch)	161
Chapter 9	Curriculum vitae	169
Chapter 10	Acknowledgements	173
	Apendix I GFI	182
	Apendix II IM-E-SA	183