

University of Groningen

On the use and determinants of prenatal healthcare services

de Jong, Esthelle Idberga

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):

de Jong, E. I. (2015). *On the use and determinants of prenatal healthcare services*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.

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.

On the use and determinants of prenatal healthcare services

Esther Feijen – de Jong

COLOFON

The studies in this thesis were conducted within the Research Institute SHARE of the Graduate School of Medical Sciences, University Medical Center Groningen/University of Groningen, the department of Midwifery Science of the EMGO Institute for Health and Care Research at the VU Medical Center, and the AVAG Midwifery Academy Amsterdam Groningen.

The author gratefully acknowledges financial support for printing this thesis by the Royal Dutch Organisation of Midwives, Research Institute SHARE, and the University of Groningen.

Cover: Bert Smidt & Ard Bodewes

Lay-out: Gildeprint - Enschede

Printed by: Gildeprint - Enschede

ISBN: 978-90-367-7714-8 (book)

ISBN: 978-90-367-7715-5 (digital version)

© Esther Feijen-de Jong, 2015



rijksuniversiteit
 groningen

On the use and determinants of prenatal healthcare services

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 27 mei 2015 om 16.15 uur

door

Esthelle Idberga de Jong

geboren op 31 mei 1972
 te Kampen

Promotores

Prof. dr. S.A. Reijneveld

Prof. dr. F. Schellevis

Copromotores

Dr. D.E.M.C. Jansen

Dr. F. Baarveld

Beoordelingscommissie

Prof. dr. M.Y. Berger

Prof. dr. J.C. van der Velden

Prof. dr. R.G. de Vries

Paranimfen:

Esther Nieuwschepen-Ensing

Paul de Cock

Voor Casper, Carlijn & Anne Lotte
Ter nagedachtenis aan mijn vader

CONTENTS

Chapter 1	General introduction	9
Chapter 2	Determinants of late and/or inadequate use of prenatal healthcare in high-income countries: a systematic review	21
Chapter 3	Determinants of prenatal healthcare utilization by low-risk women in primary midwifery-led care in the Netherlands: a prospective cohort study	41
Chapter 4	Prenatal care use in Belgium and the Netherlands: predisposing, enabling and pregnancy-related determinants	61
Chapter 5	Do pregnant women contact their general practitioner? A register-based comparison of healthcare utilization of pregnant and non-pregnant women in general practice	79
Chapter 6	Determinants of use of care provided by complementary and alternative healthcare practitioners to pregnant women in primary care: a prospective cohort study	93
Chapter 7	General discussion and implications	115
Chapter 8	Summary	129
Chapter 9	Samenvatting	137
Appendices	Curriculum vitae	147
	Dankwoord	149
	SHARE publications	153

