



Universiteit
Leiden
The Netherlands

Long-term consequences of differences in early growth : epidemiological aspects

Euser, A.M.

Citation

Euser, A. M. (2009, December 8). *Long-term consequences of differences in early growth : epidemiological aspects*. Retrieved from <https://hdl.handle.net/1887/14485>

Version: Corrected Publisher's Version

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

Downloaded from: <https://hdl.handle.net/1887/14485>

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

Long-term consequences of differences in early growth:
epidemiological aspects

Anne Margriet Euser

The work described in this thesis was performed at the departments of Clinical Epidemiology and Pediatrics of the Leiden University Medical Center in Leiden, the Netherlands, and at the department of Cancer Research and Molecular Medicine of the Faculty of Medicine, Norwegian University of Science and Technology in Trondheim, Norway.

Financial support for the printing of this thesis by Novo Nordisk b.v., Pfizer b.v., Ferring b.v., Ipsen Farmaceutica b.v., Eli Lilly Nederland b.v., and Vygon is gratefully acknowledged.

Cover photography: Dorothée Out

Printing and lay-out: drukkerij Mostert en Van Onderen, Leiden

ISBN: 978-90-9024763-2

Copyright © 2009 A.M. Euser

All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, without prior written permission of the author, or when appropriate, of the publishers of publications.

Long-term consequences of differences in early growth:
epidemiological aspects

Proefschrift

ter verkrijging van de graad van Doctor aan de Universiteit Leiden,
op gezag van Rector Magnificus prof. mr dr P.F. van der Heijden,
volgens besluit van het College voor Promoties
te verdedigen op dinsdag 8 december 2009
klokke 15.00 uur
door

Anne Margriet Euser

geboren te Leiden
in 1981

Promotiecommissie

Promotores: Prof. dr J.M. Wit
Prof. dr F.R. Rosendaal

Co-promotor: Dr F.W. Dekker

Overige leden: Prof. dr H.A. Delemarre-van de Waal
Prof. dr J.A. Romijn
Prof. dr P. Verloove-Vanhorick
Mw dr S. le Cessie
Dr S.I. Hallan
(University of Trondheim, Norway)

Table of contents

Chapter 1	General introduction	7
Chapter 2	Growth of preterm born children <i>Hormone Research 2008; 70: 319-328</i>	15
Chapter 3	A regression model with unexplained residuals was preferred in the analysis of the fetal origins of adult diseases hypothesis <i>J Clin Epidemiol 2005; 58: 1320-1324</i>	35
Chapter 4	Reliability studies can be designed more efficiently by using variance components estimates from different sources <i>J Clin Epidemiol 2007; 60: 1010-1014</i>	47
Chapter 5	A practical approach to Bland-Altman plots and variation coefficients for log transformed variables <i>J Clin Epidemiol 2008; 61: 978-982</i>	61
Chapter 6	Intrauterine growth restriction: no unifying risk factor for the metabolic syndrome in young adults <i>Eur J Cardiovasc Prev Rehabil 2009 in press</i>	75
Chapter 7	Effect of intrauterine growth restriction on kidney function at young adult age: the Nord Trøndelag Health (HUNT 2) Study <i>Am J Kidney Dis 2008; 51: 10-20</i>	91
Chapter 8	Associations between prenatal and infancy weight gain and BMI, fat mass, and fat distribution in young adulthood: a prospective cohort study in males and females born very preterm <i>Am J Clin Nutr 2005; 81: 480-487</i>	111
Chapter 9	General discussion	129
Chapter 10	Summary	151
	Samenvatting	155
	Dankwoord	163
	Curriculum Vitae	165
	List of publications	167

