



Universiteit
Leiden
The Netherlands

Gluten intake and gluten-free diet in the Netherlands

Hopman, G.D.

Citation

Hopman, G. D. (2008, September 25). *Gluten intake and gluten-free diet in the Netherlands*. Retrieved from <https://hdl.handle.net/1887/13118>

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/1887/13118>

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

Gluten intake and gluten-free diet in the Netherlands

Cover illustration gluten structure obtained by washing out dough.
Cover design Anja Bakker
Printed by PrintPartners Ipskamp B.V., Enschede, The Netherlands

ISBN 978-90-9023381-9

Financial support for the publication of this thesis was kindly provided by Willem-Alexander Kinder- en Jeugdcentrum (Leiden University Medical Center), Celiac Disease Consortium, Dienst Diëtetiek (Leiden University Medical Center), Divisiebestuur Divisie 2 (Leiden University Medical Center), Nederlandse Coeliakie Vereniging, Friso Kindervoeding, Mead Johnson Nutritionals, Nutricia Advanced Medical Nutrition, Sorgente B.V., Nutri-akt b.v. - arbeidsmarktintermediair binnen Food, Technology, Nutrition & Health.

© 2008 Erica Hopman. Niets uit deze uitgave mag worden verveelvoudigd en/of openbaar worden gemaakt zonder voorafgaande schriftelijke toestemming van de auteur. No part of this thesis may be reproduced in any form without written permission from the author.

Gluten intake and gluten-free diet in the Netherlands

Proefschrift

ter verkrijging van

de graad van Doctor aan de Universiteit Leiden,

op gezag van Rector Magnificus prof.mr. P.F. van der Heijden,

volgens besluit van het College van Promoties

te verdedigen op donderdag 25 september 2008

klokke 15.00 uur

door

Geertruida Dorothea Hopman

geboren te Den Burg, Texel

in 1965

Promotiecommissie:

Promotor: Prof. dr. J.M. Wit

Copromotor: Dr. M.L. Mearin-Manrique

Referent: Prof. dr. C.J.J. Mulder (VU Amsterdam)

Overige leden: Dr. L.J.W.J. Gilissen (Wageningen Universiteit, Wageningen)
Prof. dr. D.W. Hommes
Prof. dr. J.A. Romijn

In herinnering aan mijn vader

Contents

Chapter 1	General introduction, aim and outline of this thesis	9
Chapter 2	Presence of gluten proteins in breast milk: implications for the development of celiac disease	17
Chapter 3	Food questionnaire for assessment of infant gluten consumption <i>Clin Nutr 2007;26:264-71</i>	31
Chapter 4	Nutritional management of the gluten-free diet in young people with celiac disease in the Netherlands <i>J Pediatr Gastroenterol Nutr 2006;43:102-8</i>	47
Chapter 5	Tef in the diet of celiac patients in the Netherlands <i>Scand J Gastroenterol 2008;43:277-282</i>	61
Chapter 6	Dietary compliance and health-related quality of life in patients with celiac disease <i>Submitted</i>	73
Chapter 7	Gluten tolerance in adult patients with celiac disease 20 years after diagnosis? <i>Eur J Gastroenterol Hepatol 2008;20:423-9</i>	85
Chapter 8	General discussion	101
	Summary	115
	Samenvatting	121
	Curriculum vitae	127

