



Universiteit  
Leiden  
The Netherlands

## **Improving cardiovascular risk assessment in primary care**

Boer, A.W. de

### **Citation**

Boer, A. W. de. (2018, March 6). *Improving cardiovascular risk assessment in primary care*. Retrieved from <https://hdl.handle.net/1887/61128>

Version: Not Applicable (or Unknown)

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

Downloaded from: <https://hdl.handle.net/1887/61128>

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

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/61128> holds various files of this Leiden University dissertation

**Author:** Boer, A.W. de

**Title:** Improving cardiovascular risk assessment in primary care

**Date:** 2018-03-06

# IMPROVING CARDIOVASCULAR RISK ASSESSMENT IN PRIMARY CARE

A.W. de Boer

Improving cardiovascular risk assessment in primary care  
A.W. de Boer, 2018

ISBN: 978-94-6233-867-8

Cover design and layout: [evelienjagtman.com](http://evelienjagtman.com)  
Printing: Gildeprint, Enschede

© All rights served. No part of this book may be reproduced, stored, or transmitted in any form or by any means, without prior permission of the author.

Financial support for printing of this thesis was kindly provided by the SBOH (employer of GP trainees in the Netherlands).

# IMPROVING CARDIOVASCULAR RISK ASSESSMENT IN PRIMARY CARE

Proefschrift

ter verkrijging van  
de graad van Doctor aan de Universiteit Leiden,  
op gezag van Rector Magnificus prof.mr. C.J.J.M. Stolker  
volgens besluit van het College voor Promoties  
te verdedigen op dinsdag 6 maart 2018  
klokke 15.00 uur

door

**Anna Wilhelmina de Boer**

Geboren te Leiden in 1987

Promotor	Prof. dr. M.E. Numans
Copromotoren	Dr. J.W. Blom Dr. ir. R. de Mutsert
Leden promotiecommissie	Prof. dr. J.G. van der Bom Prof. dr. M. den Heijer Prof. dr. H.C.P.M. van Weert (Universiteit van Amsterdam) Dr. M. Hollander (UMC Utrecht)

# Contents

<b>Chapter 1</b>	General Introduction	7
<b>Chapter 2</b>	Coded diagnoses from general practice electronic health records are a feasible and valid alternative to self-report to define diabetes cases in research	19
<b>Chapter 3</b>	Incidental findings in research: a focus group study about the perspective of the research participant	39
<b>Chapter 4</b>	Advantages and disadvantages of unstructured cardiovascular risk factor screening for follow-up in primary care	55
<b>Chapter 5</b>	Overweight can be used as a tool to guide case-finding for cardiovascular risk assessment	73
<b>Chapter 6</b>	Markers of hepatic steatosis do not improve current cardiovascular risk prediction systems	89
<b>Chapter 7</b>	General Discussion	119
<b>Chapter 8</b>	References	135
<b>Chapter 9</b>	Samenvatting (Summary in Dutch)	149
	Dankwoord	155
	Curriculum Vitae	157

