

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/38455> holds various files of this Leiden University dissertation

Author: Boden, Helena

Title: Acute myocardial infarction care : developments, pitfalls and prognosis

Issue Date: 2016-03-10

ACUTE MYOCARDIAL INFARCTION CARE

Developments, pitfalls and prognosis

Helena Boden

The research described in this thesis was performed at the department of Cardiology of the Leiden University Medical Center (Head: Prof. dr. M.J. Schalij).

Cover image: iStock

Lay-out and printing: Optima Grafische Communicatie (www.ogc.nl)

ISBN: 978-94-6169-771-4

© 2015 H. Boden

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

ACUTE MYOCARDIAL INFARCTION CARE

Developments, pitfalls and prognosis

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 donderdag 10 maart 2016
klokke 15:00 uur

door

Helena Boden
geboren te 's-Gravenhage
in 1985

Promotor: Prof. dr. M.J. Schalijs

Copromotor: Dr. B.L. van der Hoeven (Medisch Centrum Haag-
landen, Den Haag)

Leden promotiecommissie : Prof. dr. D.E. Atsma
Prof. dr. J.W. Jukema
Dr. S.S. Liem (Amstelland Ziekenhuis, Amstelveen)
Prof. dr. J.J. Piek (Academisch Medisch Centrum,
Amsterdam)

Financial support by the Dutch Heart Foundation for the publication of this thesis is gratefully acknowledged.

TABLE OF CONTENTS

Chapter 1.	General introduction and thesis outline	7
Chapter 2.	Five-year clinical follow-up from the MISSION! Intervention Study: sirolimus-eluting stent versus bare metal stent implantation in patients with ST-segment elevation myocardial infarction, a randomized controlled trial <i>EuroIntervention 2012</i>	21
Chapter 3.	The course of late stent malapposition assessed by long-term serial intravascular ultrasound studies after primary percutaneous coronary intervention for ST-segment elevation myocardial infarction <i>Submitted for publication</i>	39
Chapter 4.	Peak and fixed-time high-sensitive troponin for prediction of infarct size, impaired left ventricular function, and adverse outcomes in patients with first ST-segment elevation myocardial infarction receiving percutaneous coronary intervention <i>American Journal of Cardiology 2013</i>	57
Chapter 5.	Influence of gender on ischemic times and outcomes after ST-segment elevation myocardial infarction <i>American Journal of Cardiology 2013</i>	73
Chapter 6.	Management of acute coronary syndrome: achievements and goals still to pursue, novel developments in diagnosis and treatment <i>Journal of Internal Medicine 2012</i>	89
Chapter 7.	In-hospital major bleeding and its clinical relevance in patients with ST-segment elevation myocardial infarction treated with primary percutaneous coronary intervention <i>American Journal of Cardiology 2013</i>	117
Chapter 8.	Summary, conclusions and future perspectives	133
	Samenvatting, conclusies en toekomstperspectieven	139
Chapter 9.	List of publications	147
	Curriculum Vitae	151

