

University of Groningen

The revised role of left ventricular dilatation and ACE-inhibition after myocardial infarction

Kam, Pieter Jan de

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:
2002

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Kam, P. J. D. (2002). The revised role of left ventricular dilatation and ACE-inhibition after myocardial infarction Groningen: s.n.

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).

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.

The revised role of left ventricular dilatation and ACE-inhibition after myocardial infarction

Pieter-Jan de Kam

de Kam, P.J.

The revised role of left ventricular dilatation and ACE-inhibition after myocardial infarction

Proefschrift Groningen. Met literatuur-opgave en samenvatting in het Nederlands.

ISBN 90-367-1686-1

© Copyright 2002 P.J. de Kam

All rights are reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means – electronic, mechanical, photocopy, recording, or otherwise – without prior written permission of the author.

Printed by: Ponsen & Looijen BV, Wageningen

Rijksuniversiteit Groningen

THE REVISED ROLE OF LEFT VENTRICULAR DILATATION AND
ACE-INHIBITION AFTER MYOCARDIAL INFARCTION

Proefschrift

ter verkrijging van het doctoraat in de
Medische Wetenschappen
aan de Rijksuniversiteit Groningen
op gezag van de
Rector Magnificus, dr. F. Zwarts,
in het openbaar te verdedigen op
woensdag 13 november 2002
om 14:15 uur

door

Pieter-Jan de Kam
geboren op 28 september 1968
te Wageningen

Promotores :Prof. Dr. W.H. van Gilst
:Prof. Dr. D.J. van Veldhuisen

Referenten :Dr. A.A. Voors
:Dr. M.P. van den Berg

Beoordelingscommissie :Prof. Dr. C. Borghi
:Prof. Dr. J.G.P. Thijsen
:Prof. Dr. C.A. Visser

ISBN-nummer: 90-367-1686-1

Paranimfen: Drs. N.J.G.M Veeger
Ing. R. Zegveld

Financial support by The Netherlands Heart for the publication of this thesis is gratefully acknowledged.

Publication of this thesis was also supported by generous contributions from:
Groningen University Institute for Drug Exploration (GUIDE), GlaxoSmithKline, Servier Nederland BV, AstraZeneca BV, Viatris BV, St. Jude Medical Nederland BV, Medtronic – Bakken Research Center BV

Untukmu Endah

“Karena dorongan darimu semua ini tercapai”

CONTENTS

| | |
|--|-----|
| CHAPTER 1 General introduction and aims of the thesis | 11 |
| CHAPTER 2 Approaches to statistical analysis of repeated echocardiographic measurements after myocardial infarction and its relation to heart failure. Application of a random-effects model. <i>Eur J Heart Fail.</i> 2002;4(3):277-82. | 15 |
| CHAPTER 3 Effect of very early angiotensin-converting enzyme inhibition on left ventricular dilatation after myocardial infarction in patients receiving thrombolysis. Results of a meta-analysis of 845 patients. <i>J Am Coll Cardiol.</i> 2000;36(7):2047-53. | 29 |
| CHAPTER 4 Prediction of six months left ventricular dilatation after myocardial infarction in relation to cardiac morbidity and mortality. Application of a new dilatation model to GISSI-3 data. <i>Eur Heart J.</i> 2002;23(7):536-42. | 45 |
| CHAPTER 5 Effect of acute angiotensin-converting enzyme inhibition on cardiac morbidity and mortality in patients receiving thrombolysis after myocardial infarction. <i>Submitted</i> | 61 |
| CHAPTER 6 General discussion. The revised role of left ventricular dilatation and ACE-inhibition after myocardial infarction in the thrombolytic/primary percutaneous coronary intervention era. <i>Submitted</i> | 77 |
| CHAPTER 7 Summary | 97 |
| DUTCH SUMMARY | 103 |
| ACKNOWLEDGEMENTS | 109 |
| BIBLIOGRAPHY | 113 |

