Cardiovascular computed tomography for diagnosis and risk stratification of coronary artery disease

Werkhoven, J.M. van

Cardiovascular **Computed Tomography** **for Diagnosis and Risk Stratification** of Coronary Artery Disease

J.M. van Werkhoven

Cardiovascular Computed Tomography for Diagnosis and Risk Stratification of Coronary Artery Disease

J.M. van Werkhoven

The research described in this thesis was performed at the departments of Cardiology and Radiology of the Leiden University Medical Center, Leiden, the Netherlands.

Design: Judith A. van Werkhoven

Lay-out:: Optima Grafische Communicatie, Rotterdam, The Netherlands

Printed by: Optima Grafische Communicatie, Rotterdam, The Netherlands

ISBN: 978-94-6169-078-4

Financial support for the costs associated with the publication of this thesis was gratefully received from: Astellas Pharma BV, AstraZeneka BV, B.Braun Medical BV, Boehringer Ingelheim BV, Boston Scientific Benelux BV, Bracco Imaging Europe BV, Meda Pharma BV, Merck Sharp & Dohm BV, Philips Healthcare, Sanofi-Aventis BV, Servier Nederland Pharma BV, St Jude Medical BV, Stichting Imago, and Toshiba Medical Systems BV.

Cardiovascular Computed Tomography for Diagnosis and Risk Stratification of Coronary Artery Disease

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 voor Promoties
te verdedigen op donderdag 23 juni 2011

klokke 16:15 uur

door

Jacob Marinus van Werkhoven

geboren te 's Gravenhage
in 1983

Promotiecommissie

Promotores:	Prof. dr. J.J. Bax
	Prof. dr. J.W. Jukema
	Prof. dr. A. de Roos
Overige leden:	Prof. dr. P.J. de Feyter (Erasmus Universiteit, Rotterdam)
	Prof. dr. J.H.C. Reiber
	Prof. dr. M.J. Schalij
	dr. J.H.M. Schreur (MC Haaglanden, Den Haag)
	Prof. dr. E.E. Van der Wall

The research described in this thesis was supported by a grant from the Netherlands Society of Cardiology and the Interuniversity Cardiology Institute of the Netherlands.

"l'existence précède l'essence"
(Jean-Paul Sartre)

Table of Contents