



Universiteit
Leiden
The Netherlands

MRI of the knee cost-effective use

Vincken, P.W.J.

Citation

Vincken, P. W. J. (2010, June 24). *MRI of the knee cost-effective use*. Retrieved from <https://hdl.handle.net/1887/15726>

Version: Corrected Publisher's Version
[Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)
License:
Downloaded from: <https://hdl.handle.net/1887/15726>

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

MRI of the Knee

Cost-Effective Use

Patrice Vincken

©Patrice Vincken, Oegstgeest, 2010. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, scanning or by any information storage and retrieval system without the prior written permission of the author.

This thesis is based on a study (Ontwikkelingsgeneeskunde project D94-071) financed by the College voor Zorgverzekeringen (CVZ), formerly known as Ziekenfondsraad.

ISBN 978-90-9025507-1

MRI of the Knee

Cost-Effective Use

Proefschrift

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van de Rector Magnificus prof.mr. P.F. van der Heijden,
volgens besluit van het College voor Promoties
te verdedigen op donderdag 24 juni 2010
klokke 16.15 uur

door

Patricius Wilhelmus Johannes Vincken

Geboren te Blerick in 1967

Promotiecommissie

Promotor: Prof. dr. J.L. Bloem

Co-promotor: Dr. A.R. van Erkel

Overige leden: Dr. L.N.J.E.M. Coene

Prof. dr. J.C. van Houwelingen

Prof. dr. J. Kievit

Prof. dr. R.G.H.H. Nelissen

CONTENTS

Chapter 1	Introduction	7
Chapter 2	Effectiveness of MR Imaging in Selection of Patients for Arthroscopy of the Knee at low field strengths	13
Chapter 3	Effectiveness and costs regarding triage of patients with non-acute knee complaints	31
Chapter 4	Only MR can safely exclude Patients from Arthroscopy	47
Chapter 5	Are radiographs needed when MR imaging is performed for non-acute knee symptoms in patients younger than 45 years of age?	59
Chapter 6	Clinical consequences of bone bruise around the knee	75
Chapter 7	Summary	93
Chapter 8	Samenvatting	99
	Curriculum Vitae	107

