



Universiteit
Leiden
The Netherlands

Delayed graft function in renal transplantation

Boom, H.

Citation

Boom, H. (2005, January 19). *Delayed graft function in renal transplantation*. Retrieved from <https://hdl.handle.net/1887/579>

Version: Corrected Publisher's Version

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

Downloaded from: <https://hdl.handle.net/1887/579>

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

DELAYED GRAFT FUNCTION IN RENAL TRANSPLANTATION

Hendrik Boom



DELAYED GRAFT FUNCTION IN RENAL TRANSPLANTATION

Proefschrift

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van de Rector Magnificus Dr. D.D. Breimer,
hoogleraar in de faculteit der Wiskunde en
Natuurwetenschappen en die der Geneeskunde,
volgens besluit van het College voor Promoties
te verdedigen op woensdag 19 januari 2005
klokke 16.15 uur

door

Hendrik Boom

geboren te Koudekerk aan den Rijn
in 1963

PROMOTIE COMMISSIE

Promotores: Prof. Dr. M.R. Daha

Prof. Dr. L.C. Paul *†*

Co-promotor: Dr. J.W. de Fijter

Referent: Prof. Dr. U. Frei
Charité-Universitätsmedizin Berlin, Deutschland

Overige leden: Prof. Dr. L.A. van Es

Prof. Dr. J.A. Bruijn

Prof. Dr. F.H. Claas

Prof. Dr. H.J. v. Bockel

Prof. Dr. R.J. Ploeg
Universiteit Groningen

Prof. Dr. E.K.J. Pauwels

ISBN 90-8559-020-5

Printed by Optima Grafische Communicatie, Rotterdam

Additional financial support by Astra Zeneca, Bard Benelux, Baxter, Boehringer Ingelheim, Bristol Myers Squibb, The Dutch Kidney foundation, Fresenius Kabi, Fresenius Medical Care, Genzyme Europe, Leo Pharma, Merck Sharp & Dohme, Nycomed, Novartis, Novo Nordisk, Pfizer, Roche, Sanofi-Synthelabo, Servier is gratefully acknowledged.

*Ter nagedachtenis aan mijn vader
Voor Janet, Oscar en Yizenne*



CONTENTS

Chapter 1	Introduction and outline of the thesis	9
Chapter 2	Delayed graft function influences renal function, but not survival Kidney International, 2000; 58: 859 - 866	29
Chapter 3	Delayed graft function is characterized by reduced functional mass measured by ^{99m}technetium mercaptoacetyl triglycine re-nography Transplantation 2002; 74:203-208	47
Chapter 4	Calcium levels as a risk factor for delayed graft function Transplantation 2004; 77:868-873	61
Chapter 5	The expression of caspase-3 and manganese SOD in distal tubules predicts post-transplant acute tubular necrosis or DGF Submitted	75
Chapter 6	Delayed graft function in renal transplantation Transplantation Reviews 2004; 18; 3: 139-152	93
Chapter 7	Summary	115
	Samenvatting	120
	Acknowledgements	125
	Curriculum vitae	127

