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Vasectomy and vasectomy reversal : development of newly designed nonabsorbable polymeric stent for reconstructing the vas deferens
Vrijhof, Henricus Joesphus Elisabeth Johannes

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**Vasectomy and vasectomy reversal; development of newly designed
nonabsorbable polymeric stent for reconstructing the vas deferens**

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 donderdag 2 november 2006
klokke 13.45 uur.

door

Henricus Josephus Elisabeth Johannes Vrijhof

geboren te Maastricht
in 1958

Promotiecommissie

Promotoren Prof. Dr. A.A.B. Lycklama à Nijeholt

 Prof. Dr. L.H. Koole

Referent Dr. E.J.H. Meuleman

Overige leden Prof. J. Zwartendijk

 Prof. Dr. F.M. Helmerhorst

 Dr. A.J.M. Hendrikx

 Dr. G.R. Dohle

Thuis gelukkig zijn is het opperste resultaat van alle ambities (Samual Johnson).

Dit proefschrift wordt opgedragen aan
mijn ouders, Denise mijn vrouw en
mijn kinderen Sascha, Thomas en Bob

Contents

Introduction & Aims of the thesis

Chapter 1 Henricus J.E.J. Vrijhof and August A.B. Lycklama à Nijeholt

The impact of vasectomy technique on spontaneous early recanalization

Submitted for publication

Chapter 2 Dirk W. De Knijff, Henricus J. E. J. Vrijhof, Joop Arends and

Rudi A. Janknegt .

Persistence or reappearance of nonmotile sperm after vasectomy: does it have clinical consequences.

Fertility Sterility 1997; 67: 332-334

Chapter 3 Henricus J.E.J. Vrijhof

Vasovasostomy: the technical performance

Review Chapter

Chapter 4 H.J.E.J. Vrijhof and K.P.J. Delaere

Vasovasostomy results in 66 patients related to obstructive intervals and serum agglutinine titres.

Urologia Internationalis 1994; 53:143-146

Chapter 5 Henricus J.E.J. Vrijhof and August A.B. Lycklama à Nijeholt

Influence of postvasectomy spermgranulomas, antisperm-antibodies formation and histological alterations of testicular/epididymal tissue on the outcome of vasectomy reversal.

Submitted for publication

Chapter 6 Eric J. Vrijhof , Adriaan de Bruïne , August A. B. Lycklama à Nijeholt , and Leo H. Koole

A polymeric mini-stent designed to facilitate the vasectomy reversal operation. A model study in rabbits.

Biomaterials 2004; 25: 729-734

Chapter 7 H. J. E. J. Vrijhof , A. De Bruine , A. H. Zwinderman , A. A. B. Lycklama à Nijeholt and L H. Koole

The use of a newly designed nonabsorbable polymeric stent in reconstructing the vas deferens: a feasibility study in New Zealand white rabbits.

British Journal of Urology Int. 2005 ; 95: 1081-1085.

Chapter 8 H. J. E. J. Vrijhof , A. De Bruine , A. H. Zwinderman , A. A. B. Lycklama à Nijeholt and L H. Koole

New nonabsorbable stent versus a microsurgical procedure for vasectomy reversal: evaluating tissue reactions at the anastomosis in rabbits.

Fertility Sterility 2005; 84: 743-748.

Chapter 9 Summary and conclusion

Chapter 10 Samenvatting en conclusie

Curriculum vitae