

University of Groningen

Endovascular repair of peripheral artery aneurysms

Tielliu, Ignace François Jacques

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:

2010

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

Citation for published version (APA):

Tielliu, I. F. J. (2010). Endovascular repair of peripheral artery aneurysms 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.

Endovascular Repair of Peripheral Artery Aneurysms

Ignace Tielliu



Tielliu, I.
Endovascular Repair of Peripheral Artery Aneurysms

Thesis, University of Groningen, the Netherlands
ISBN 978-90-367-4374-7

© Copyright 2010 Ignace Tielliu, the Netherlands
All rights reserved.

Cover and layout: Danielle Nijkamp and
MultiCopy Purmerend | The Communication Company

Design and printed: MultiCopy Purmerend | The Communication Company

RIJKSUNIVERSITEIT GRONINGEN

Endovascular Repair of Peripheral Artery Aneurysms

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 1 september 2010
om 14.45 uur

door

Ignace François Jacques Tielliu

geboren op 22 september 1967
te Deinze, België

Promotor: Prof. dr. R.J. Ploeg

Copromotores: Dr. J.J.A.M. van den Dungen
Dr. E.L.G. Verhoeven

Beoordelingscommissie: Prof. dr. ir. H.J. Busscher
Prof. dr. E.J. van der Jagt
Prof. dr. W. Wisselink

Paranimfen: Drs. Bart Appeltans
Drs. Hans Zengerink

Contents

Chapter 1	Introduction	9
Chapter 2	Design and rationale of the thesis	29
Section I	Endovascular treatment of iliac artery aneurysms	33
Chapter 3	Endovascular treatment of iliac artery aneurysms with a tubular stent-graft: mid-term results. <i>Journal of Vascular Surgery 2006;43:440-445</i>	35
Chapter 4	The role of branched endografts in preserving internal iliac arteries. <i>Journal of Cardiovascular Surgery 2009;50:213-218</i>	51
Chapter 5	A modified technique for iliac artery branched endografting using a 'tromboned' sheath. <i>Journal of Vascular Surgery 2008;48:1605-1608</i>	63
	Addendum to chapter 5	71
Section II	Endovascular treatment of popliteal artery aneurysms	75
Chapter 6	Endovascular treatment of popliteal artery aneurysms: results of a prospective cohort study. <i>Journal of Vascular Surgery 2005;41:561-567</i>	77
	Addendum to chapter 6	93
Chapter 7	Endovascular treatment of popliteal artery aneurysms: is the technique a valid alternative to open surgery? <i>Journal of Cardiovascular Surgery 2007;48:275-279</i>	97

Chapter 8	Stent fractures in the Hemobahn/Viabahn stent-graft after endovascular popliteal aneurysm repair. <i>Journal of Vascular Surgery 2010;51:1413-1418</i>	109
	Addendum to chapter 8	125
	Summary and perspective	129
	Samenvatting en perspectief	137
	List of co-authors	147
	Dankwoord	151