

University of Groningen

Cost and outcome of liver transplantation

van der Hilst, Christian

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:
2018

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

Citation for published version (APA):

van der Hilst, C. (2018). *Cost and outcome of liver transplantation*. [Thesis fully internal (DIV), University of Groningen]. Rijksuniversiteit Groningen.

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).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

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.

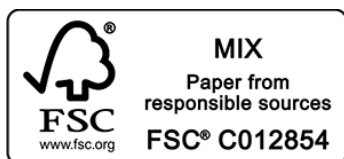
Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Cost and Outcome of Liver Transplantation

Christian S. van der Hilst

This thesis was funded by the National Health Care Institute (Zorginstituut Nederland; former College voor Zorgverzekeringen) and the University Medical Center Groningen. This thesis was funded in part by the Groningen Graduate School of Drug Exploration GUIDE.

Van der Hilst, CS
Cost and Outcome of Liver Transplantation



Thesis, University of Groningen, the Netherlands
ISBN: 978-94-034-0172-0 (Book)
ISBN: 978-94-034-0171-3 (Epub)

© Copyright 2018 Christian S. van der Hilst, the Netherlands
All rights reserved. No part of this book may be reproduced, stored in a retrieval system or transmitted in any form or by any means, without prior permission of the author.

Cover and lay-out: Christian S. van der Hilst
Printed by: Gildeprint Drukkerijen, Enschede, the Netherlands



rijksuniversiteit
 groningen

Cost and Outcome of Liver Transplantation

Proefschrift

ter verkrijging van de graad van doctor aan de
Rijksuniversiteit Groningen
op gezag van de
rector magnificus prof. dr. E. Sterken
en volgens besluit van het College voor Promoties.

De openbare verdediging zal plaatsvinden op
woensdag 10 januari 2018 om 14.30 uur

door

Christian Sake van der Hilst

geboren op 25 oktober 1977
te Groningen

Promotores

Prof. dr. M.J.H. Slooff

Prof. dr. R.J. Porte

Beoordelingscommissie

Prof. dr. I.P.J. Alwayn

Prof. dr. E. Buskens

Prof. dr. G. Dijkstra

Paranimfen

Fransien Verdonk-Struik

Danielle Tielliu-Nijkamp

Voor Ivonne, de allerliefste moeder

TABLE OF CONTENTS

Chapter 1	Introduction	9
Chapter 2	Aim and Outline of the Thesis	25
Part A	Cost-Effectiveness of Extended Criteria Donors in Liver Transplantation	
Chapter 3	Costs of Liver Transplantation: A Systematic Review and Meta-Analysis Comparing the United States with other OECD Countries <i>Medical Care Research and Review 2009 Feb;66(1):3-22</i>	33
Chapter 4	The Price of Donation after Cardiac Death in Liver Transplantation: a Prospective Cost-Effectiveness Study <i>Transplant International 2013;26:411-418</i>	55
Chapter 5	Cost-Effectiveness in Liver Transplantation with Extended Criteria Grafts from Donation after Brain Death Donors <i>Submitted for publication</i>	71
Part B	Economic Evaluation of Initiatives to Improve Outcome of Liver Transplantation	
Chapter 6	The Impact of Intraoperative Transfusion of Platelets and Red Blood Cells on Survival after Liver Transplantation <i>Anesthesia & Analgesia 2008;106:32-44</i>	91
Chapter 7	Outcome and Costs of Conventional versus Restricted Blood Product Transfusion Policy in Liver Transplantation <i>Submitted for publication</i>	115
Chapter 8	Implantable Continuous Doppler Monitoring Device for Detection of Hepatic Artery Thrombosis after Liver Transplantation <i>Transplantation 2012;94:958-964</i>	129
Chapter 9	Summary, Discussion and Future Perspectives	145

Nederlandse Samenvatting	159
List of Publications	169
List of Contributing Authors	173
Dankwoord	179
Biography	187
List of Abbreviations	188

