Acknowledgements

It is a great feeling after all the work and effort, to express gratitude to the persons who have played a role in realizing my Ph.D.

Professor Kon, my promotor. You gave me the opportunity to become the fifth Dutch Research Fellow after Max Overgoor, Ralph Franken, Vera van Aalst and Erik Zonnevijlle, at the Plastic Surgery Research in Louisville, Kentucky, USA. The sisterlab-collaboration your research lab has with the Plastic Surgery Research has given me the chance to finish all my experiments in a time frame of 2.5 years.

John Barker, Research Director of Plastic Surgery Research and my co-promotor. From the day on I arrived in Louisville, October 4th 1997, till this very moment you taught me all the aspects of scientific research: how to develop a research design, write grant applications, perform the actual experiments, present on a congress and write a scientific paper. In times of having research problems you and Vera inspired me to continue. But not only that, you both gave me the feeling of being home and I enjoyed going to the polo games a lot. I am proud to become the first Dutch research fellow who is going to get her Ph.D. with the work done in your lab.

Wayne Stadelmann, Plastic Surgeon and my co-promotor. So far I have not met a physician who is that dedicated to the clinic as well as to research like the way you are. I will never forget that we were short of fellows during a day of operation and that you as a staff member came to help me. With your clinical experience, enthusiasm, perseverance and personality I was able to get this far. I am honored that you are going to attend the defense of my thesis. Thank you to Mary, your wife, for the beautiful drawings she made in the papers.

Claudio Maldonado, Vice-Research Director of Plastic Surgery Research. As a Ph.D. in Cardiology I can imagine that it is not easy to learn an M.D. the technical side of doing experiments. Your scientific experience, practical vision, geniality in statistics and common sense played a significant role in the development of the experiments. Thank you to your wife Mara who enjoyed me with her Flamenco shows.

Gustavo Perez-Abadia, my Argentine colleague and Master in teaching me the “sphincter wrap”. Although we had some language difficulties we were a good team in both our research projects: you helped me with the rectus
abdominis stomal sphincter and I helped you with the rectus abdominis
detrusor myoplasty. I am very happy you are going to have your green card!

Ramsey Majzoub, my American colleague. The second half of my stay you
came to the lab and did the operations with me. After I left you finished
processing the histological data and analyzed the results. Ramsey, for the
future you really have to visit Europe so you will believe that we have the
same music as in the States!

Edwin Quan, my Guatemalan colleague. Name something that I was not able
to do and you could do it. Fixing computer problems, designing posters with
Freehand, helping with the functional experiments or helping in the OR. You
are too good for this world!

Cedric Francois, my colleague from Belgium. The last three months of my stay
I taught you the creation of the stomal sphincter. You, on the other hand
helped me with your problem solving ability in the last chronic study and
came with some luminous ideas for the future. I would not be surprised if you
would choose for becoming a scientist instead of becoming a physician!

All my other research fellow colleagues I worked with during my stay in
Louisville. Most of us are foreigners, which gave a special bond. We helped
each other in our research projects but not only that: in after-work hours we
went to have drinks in a bar, watched movies in the cinema, had lab parties or
visited each other. I couldn't have done it without all this!

Doctor Susan Galandiuk, Colorectal Surgeon. You have performed the anal
dynamic graciloplasty operation yourself and with this experience and your
experience in stoma surgery you gave me valuable practical advice.

Erik Zonnevijlle and Paul Werker. Both of you gave me advice in the
beginning of my research adventure. It was very helpful since both of you
have been doing the same line of research in Louisville before I came there.

Father. I don't know from whom I inherited my interest in science but what I
do know is that I got my perseverance from you.

Simone, my sister. We are born on the same day with only one year in
between. I keep on teasing you that the biggest present you got for your first
birthday was I. The different we are, I missed you a lot when I was on the
other side of the ocean.
Mother. You supported my decision to go to the USA for 100%. This had the other side that you would have two daughters abroad with me being the farthest away. Irrespective of this you missed me a lot and that feeling was mutual. Therefore I dedicate my thesis especially to you.

Cora and Carola, my Paranympths and closest Dutch friends. The three of us went on holiday in California in September 1999. Boy, did we have a lot of fun while driving to LA, San Diego, Las Vegas, the Grand Canyon, Yosemite Park and San Francisco. I have good memories of this trip, but also the frequent e-mail contact we had.

Professor Hovius and your staff. I loved to do research and still do, however that was not my final goal job wise. You made my dream come true by giving me a residency in Plastic Surgery. I am looking forward to learn the skills of a Plastic Surgeon under your guidance.