

Table of contents

Chapter 1.	General introduction	9
Part I: Sigmoid vaginoplasty		
Chapter 2.	Patient-reported aesthetic and functional outcomes of primary total laparoscopic intestinal vaginoplasty in transgender women with penoscrotal hypoplasia. Bouman MB, van der Sluis WB, van Woudenberg Hamstra LE, Buncamper ME, Kreukels BPC, Meijerink WJHJ, Mullender MG. <i>In revision.</i>	16
Chapter 3.	Revision vaginoplasty: A comparison of surgical outcomes of laparoscopic intestinal versus perineal full thickness skin graft vaginoplasty. Van der Sluis WB, Bouman MB, Buncamper ME, Mullender MG, Meijerink WJHJ. <i>Plastic and Reconstructive Surgery, in press.</i>	32
Chapter 4.	Long-term follow-up of transgender women after secondary intestinal vaginoplasty. Van der Sluis WB, Bouman MB, De Boer NKH, Buncamper ME, Van Bodegraven AA, Neefjes-Borst EA, Kreukels BPC, Meijerink WJHJ, Mullender MG. <i>Journal of Sexual Medicine.</i>	48
Part II: Diversion neovaginitis		
Chapter 5.	Diversion neovaginitis after sigmoid vaginoplasty: endoscopic and clinical characteristics. Van der Sluis WB, Bouman MB, Meijerink WJHJ, Elfering L, Mullender MG, de Boer NK, van Bodegraven AA. <i>Fertility and Sterility.</i>	68

Chapter 6.	Morphological spectrum of neovaginitis in autologous sigmoid transplant patients.	
	Van der Sluis WB, Neefjes-Borst EA, Bouman MB, Meijerink WJHJ, De Boer NK, Mullender MG, van Bodegraven AA.	
	<i>Histopathology.</i>	84
Chapter 7.	Colonic microbial shift after fecal stream diversion.	
	Van der Sluis WB, Bouman MB, Mullender MG, Degen MC, Savelkoul PHM, Meijerink WJHJ, De Boer NKH, Van Bodegraven AA, Budding AE.	
	<i>Submitted.</i>	100
Chapter 8.	Symptomatic bacterial overgrowth of the neovagina after sex reassignment surgery in transgender women: case series and systematic review of the literature.	
	Van Woudenberg Hamstra LE, van der Sluis WB, de Boer NKH, Buncamper ME, Verweij SP, Bouman MB.	
	<i>Submitted.</i>	120
Chapter 9.	Refractory diversion neovaginitis in a sigmoid colon-derived neovagina: clinical and histopathological considerations.	
	Van der Sluis WB, Bouman MB, Meijerink WJHJ, Neefjes-Borst EA, van Bodegraven AA.	
	<i>Frontline Gastroenterology.</i>	132
	General discussion and future perspectives	140
	Summary	149
	Curriculum vitae	154
	List of publications	156
	Dankwoord	159