### Publications included in these thesis

- Waterloos M, Verla W, Spinoit A-F, Oosterlinck W, Van Laecke E, Hoebeke P, et al.
  - Urethroplasty for urethral injuries and trauma-related strictures in children and adolescents: a single-institution experience.
  - JOURNAL OF PEDIATRIC UROLOGY. 2019;15(2):176.e1-176.e7.
- Waterloos M, Verla W, Wirtz M, Waterschoot M, Claeys W, Francois P, et al.
- Female urethroplasty: outcomes of different techniques in a single center.
- JOURNAL OF CLINICAL MEDICINE. 2021;10(17).
- Waterloos M, Lumen N, Ockrim JL, Falcone M, Kose O, Shenfeld OZ, Vetterlein MW, Greenwell TJ.
- Diagnostics, Reconstructive Approaches, and Outcomes in Female Urethral Stricture Repair: Insights from the European Association of Urology Section of Genitourinary Reconstructive Surgeons Female Reconstruction Group.
- September 2024, submitted for publication in BJUI.
- Riechardt S, Waterloos M, Lumen N, Campos-Juanatey F, Dimitropoulos K, Martins FE, et al.
- European Association of Urology guidelines on urethral stricture disease part 3: management of strictures in females and transgender patients.
- EUROPEAN UROLOGY FOCUS. 2022;8(5):1469-75.
- Waterloos M, Hollebosch S, Verla W, Spinoit A-F, Hoebeke P, Monstrey S, et al.
- Neo-vaginal advancement flaps in the treatment of urethral strictures in transwomen.

UROLOGY. 2019;129:217-22.

## **Current position**

- Urologist AZ Maria Middelares Ghent
- Consulting Urologist Ghent University Hospital

## **Membership**

- ESGURS (EAU Section of GenitoUrinary Reconstructive Surgeons)
- EAU (European Association of Urology)
- EAU guidelines panel on urethral strictures
- EAU guidelines panel on urological trauma
- AUA (American Urological Association)
- BVU (Belgische Vereniging voor Urologie) –
   Belgian Urological Association
- ESSM (European Society for Sexual Medicine)
- EBU (European Board of Urology)
- SUFU (Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction)



# URETHRAL RECONSTRUCTION FOR RARE UROLOGIC CONDITIONS



THESIS SUBMITTED

TO OBTAIN THE DEGREE OF

'DOCTOR IN HEALTH SCIENCES'

2024-2025



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## Summary

Urethral reconstruction is a relatively small topic within urology. This thesis focused on even smaller subgroups within this subdiscipline: urethral reconstruction in children and adolescents, females and transwomen.

This thesis was able to demonstrate satisfying outcomes after urethral reconstruction, in these subgroups of patients. Nevertheless, the optimal treatment strategy in these urethral strictures needs further clarification, preferably with larger and comparative series.

Urethral reconstruction in patients with rare urologic conditions demands a dedicated surgeon with a large know-how in reconstructive urology. Therefore, centralization of these patients would enhance patient care.

#### QR code

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