

The Management of Urine Storage Dysfunction in the Neurological Patient

Citation for published version (APA):

Mehnert, U. M. F. L. (2018). *The Management of Urine Storage Dysfunction in the Neurological Patient*. [Doctoral Thesis, Maastricht University]. Datawyse / Universitaire Pers Maastricht. <https://doi.org/10.26481/dis.20181213um>

Document status and date:

Published: 01/01/2018

DOI:

[10.26481/dis.20181213um](https://doi.org/10.26481/dis.20181213um)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.umlib.nl/taverne-license

Take down policy

If you believe that this document breaches copyright please contact us at:

repository@maastrichtuniversity.nl

providing details and we will investigate your claim.

Propositions
belonging to the PhD thesis entitled
The Management of Urine Storage Dysfunction
in the Neurological Patient
by
Ulrich Mehnert

1. Neurological diseases and injuries devastate the patient's general health and quality of life due to damage and loss of the multilevel neuronal lower urinary tract control. (this thesis)
2. Modern neuro-urological diagnosis, therapies and follow-up save lives and significantly improve their quality. (this thesis)
3. A large proportion of Botulinum neurotoxin A intradetrusor injections does not contribute to the effect due to an imprecise injection technique resulting in an unpredictable effect size. (this thesis)
4. Resting state cardiac function is not affected by Botulinum neurotoxin A intradetrusor injections. (this thesis)
5. Intraprostatic injections of Botulinum neurotoxin A ameliorate prostate related lower urinary tract symptoms. (this thesis)
6. ACT® and ProACT® ballons are a minimally-invasive and adjustable continence therapy of neurogenic stress urinary incontinence. (this thesis)
7. Botulinum neurotoxin A is a therapeutical all-rounder for lower urinary tract dysfunction whose potential was not fully exploited yet. (valorisation)
8. There is no such thing as a stable neurological disease or injury. (field of science)
9. Only multimodal assessment of the lower urinary tract combining functional neuroimaging, lower urinary tract electrophysiology, bladder wall histology, and urodynamics will further enhance our understanding of lower urinary tract dysfunction and symptoms. (field of science)
10. Finding reasons and excuses not to do urodynamics instead of advancing training and utilization of urodynamic investigations prevented progress towards smarter devices, a higher quality standard in urodynamics, and a higher level of understanding lower urinary tract dysfunction. (field of science)
11. There are three kinds of men. The one that learns by reading. The few who learn by observation. The rest of them have to pee on the electric fence for themselves. (Will Rogers)