



# CLINICAL EVIDENCE

1. van Leuteren, P. G., de Vries, B. A., de Joode-Smink, G. C. J., ten Haken, B., de Jong, T. P. V. M., & Dik, P. (2017). URIKA, continuous ultrasound monitoring for the detection of a full bladder in children with dysfunctional voiding: a feasibility study. *Biomedical Physics & Engineering Express*, 3(1), 1-7. <https://doi.org/10.1088/2057-1976/aa589f>

2. van Leuteren, P. G., Klijn, A. J., de Jong, T. P. V. M. & Dik, P. (2018). SENS-U: validation of a wearable ultrasonic bladder monitor in children during urodynamic studies. *Journal of Pediatric Urology*, 14(6), 569.e1-569.e6. <https://doi.org/10.1016/j.jpuro.2018.07.018>

3. van Leuteren, P. G., Nieuwhof-Leppink, A. J., & Dik, P. (2019). SENS-U: clinical evaluation of a full bladder notification - a pilot study. *Journal of Pediatric Urology*, 15(4), 381.e1-381.e5. <https://doi.org/10.1016/j.jpuro.2019.04.006>

4. Kwinten, W.M.J., van Leuteren, P. G., van Duren - van Iersel, M., Dik, P., Jira, P.E. (2020). SENS-U: continuous home monitoring of natura/nocturnal bladder filling in children with nocturnal enuresis - a feasibility study. *Journal of Pediatric Urology*. <https://doi.org/10.1016/j.jpuro.2020.01.012>

5. van Leuteren, P.G. (2020). Development, validation and implementation of a wearable ultrasonic bladder sensor for pediatric applications. [PhD Thesis - Research UT, graduation UT, University of Twente]. University of Twente. <https://doi.org/10.3990/1.9789036550727>

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