

CASE SERIES: WEARABLE BLADDER SENSOR FOR DAYTIME INCONTINENCE IN ADULTS

– Van den Bosch F.¹

Introducing the TENA SmartCare Bladder Sensor



- Ultrasound technology** that monitors the bladder filling status.
 - Notifications when to empty the bladder** from the sensor, the app or an Apple Watch.
 - Automatic voiding diary** tracks the patient voiding patterns for valuable insights.
 - Discreet, lightweight & comfortable** designed to sit comfortably on the lower abdomen.
 - Non-invasive** external sensor.
- Designed for round-the-clock use, ensuring reliable performance both **day and/or night**.

Designed to support children and adults with urinary incontinence

Loss of bladder sensitivity

Helps patients with a loss of sensation to know when it is time to empty the bladder.

Bladder emptying difficulties

Helps patients understand how much the bladder is filled and when it is time to go to the toilet to prevent overflow.

Overactive bladder

Helps patients get to know their bladder better and understand the real sense of urgency when it is almost full.



Results

One case (female, 42 years old) reported that the sensor significantly improved her awareness of bladder signals. By receiving timely reminders, she was able to visit the toilet before leaks occurred, which reduced incidents and restored her confidence in her body.

Another case (male, 49 years old) experienced a major improvement, reducing his use of absorbent products from four per day to just one. The sensor's notifications helped him act before his bladder was full, preventing leakage.

Several users also suggested usability enhancements, such as clearer guidance during setup (e.g., setting the bladder size or identifying the optimal placement on the abdomen) and more personalized options for reminders (e.g., adjustable vibration intensity).

Questions? Please ask! Filine.van.den.bosch@essity.com

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