

Making womens' lives more comfortable.

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Urinary incontinence affects as many as 1 in 3 women and can have considerable impact on quality of life. Commonly women experience leakage of urine during activities with increased intra abdominal pressure such as physical exertion, coughing or sneezing (urinary stress incontinence), some are affected by urgency, frequency, being woken at night to pass urine or leakage before reaching the toilet (urgency urinary incontinence), whilst others are affected by both (mixed urinary incontinence).

mimit.org.uk

The unmet need

Improved treatment for the symptoms of female urinary incontinence.

The solution

A novel disposable neuromuscular electrical stimulation device 'Pelviva', which has a non-uniform stimulation pattern that creates a contraction of the pelvic floor muscles when inserted like a tampon into the vagina. The device is easy and comfortable to use, enabling women to manage incontinence in their own privacy. Clinical evaluation of this product has shown statistically significant improvements in bladder control, with a 4x greater improvement in the impact of incontinence on quality of life in women using Pelviva for 12 weeks, compared to women performing pelvic floor muscle exercises. Pelviva is due to be commercialised in 2018.

Pathway status:

Idea

Research Team

Discovery

Prototype

Safety/Efficacy

Product

Deploy/Commercial

In use

MANCHESTER
1824
The University of Manchester

NHS
Manchester University
NHS Foundation Trust

femeda

The output

£14M

venture capital funded

26

world wide patents granted

Bionow Healthcare
Project of the Year
2010

Sales commencing
2018

10 full time
staff employed

£200k

industry sponsored
research funding