

HOW DOES UROLON™ WORK?

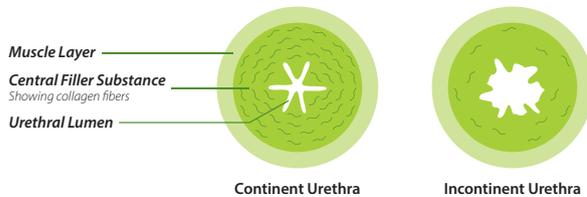
Urolon™ has been designed to give an immediate bulking effect sealing the urethra to help restore continence. Urolon is totally resorbed and excreted by the body over time, meaning that there is no residual material left in your body. Urolon™ is injected around the urethra, close to the bladder neck, to help seal the urethra and restore continence. The Urolon™ injection is performed using a cystoscope to accurately see where to inject and can be given with sedation for comfort. Typically, three deposits of Urolon™ are injected into the wall of the urethra.

Urolon™ is a bioresorbable urethral implant which offers a minimally invasive (out-patient) treatment where no general anaesthesia or an overnight stay in the hospital is required.

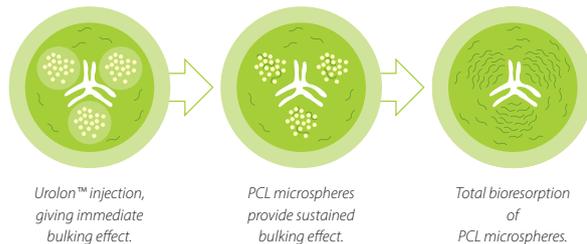
IS UROLON™ RIGHT FOR YOU?

Before being able to answer that question you need to have a diagnosis of SUI and to know what treatment options are available. This is best done by talking to your healthcare provider, usually starting with your family doctor (GP) followed by a referral to a Urologist, Urogynaecologist or Gynaecologist. If you are one of the many women with SUI, it is important to talk to your healthcare provider about what options are available to you.

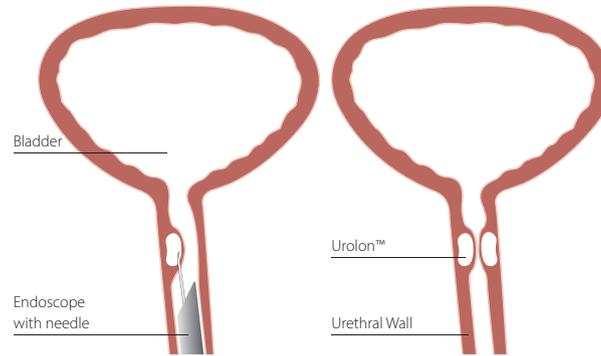
CROSS-SECTION THROUGH URETHRA



MODE OF ACTION UROLON™



Urolon™ is ideally suited for women with mild to moderate SUI, who do not (yet) want a more invasive surgical procedure or who cannot have surgery. Urolon™ has been designed as a minimally-invasive long lasting procedure allowing women to be free of the burden of incontinence pads, the embarrassment and reduced quality of life associated with incontinence.



RESOURCES

Below is a selection of resources. There is plenty more information available online and remember that your most valuable resource is your healthcare practitioner.

- British Association of Urological Surgeons - www.baus.org.uk
- Dutch Society of Urology - www.nvu.nl
- Dutch Society of Obstetrician and Gynaecology - www.nvog.nl
- National Association for Continence (USA) - www.nafc.org
- Royal College of Obstetricians and Gynaecologists (RCOG) - www.rcog.org.uk

**For more information
about Stress Urinary Incontinence
and Urolon™
please visit urolon.com**



**...helping women
with urinary
incontinence**

www.urolon.com



CAUSES OF STRESS URINARY INCONTINENCE

Some of the causes of SUI are known to be:

- Pregnancy and childbirth
- Hormonal deficiency
- Obesity
- Smoking
- Excess consumption of caffeine and/or alcohol
- High-impact activities over years
- Chronic coughing or sneezing
- Age

It is imperative to seek advice and help for any condition which negatively affects your quality of life, such as SUI. SUI can involve mild to severe urine loss and can affect all parts of your life, such as social interactions, sex life, ability to work, travel and play sports. The physical, emotional and social impact should also not be underestimated.

TREATMENT OPTIONS

There are many factors associated with SUI as well as its treatment options. It is important that you seek medical advice when looking for treatment options to suit your condition. Treating the symptoms of SUI early may greatly decrease the chance of your condition worsening over the coming years.

The most widely recognized treatment options for SUI range from conservative to surgical treatments:

- A wide range of products and devices designed to alleviate the symptoms of incontinence but do not treat the cause. They include urine pads, bed and chair protection, catheters, skin care and hygiene products and specially adapted clothing.

URINARY INCONTINENCE

Urinary Incontinence (UI) is the unintentional and accidental loss of urine. It is estimated that over 200 million people worldwide suffer with UI of which the majority are adult females. There are several different urinary incontinence types, causes and treatments.

The most common types of UI are stress incontinence (around 50%), urge incontinence (around 20%) and mixed incontinence (around 30%). This flyer focuses on Stress Urinary Incontinence (SUI) and the use of the Bioresorbable Urethral Implant Urolon™ as a treatment option for adult females.

STRESS URINARY INCONTINENCE

The International Continence Society (ICS) defines stress urinary incontinence as “the complaint of involuntary leakage on effort or exertion, or on sneezing or coughing”. Stress urinary incontinence (SUI) is a very common medical condition caused by weakening of urethral sphincter muscles and pelvic floor muscles, which are used to keep your urethra closed and you continent. This weakening leads to leakages of urine when coughing, sneezing, laughing, exercising and other activities which increase pressure (stress) inside your abdomen; hence the name Stress Urinary Incontinence. SUI is the most common form of incontinence in women and approximately 1 in 3 women will experience some form of stress incontinence during their lifetime.

- Pelvic Floor Muscle Exercises (PMFE) also known as Kegels, are exercises designed to strengthen your pelvic floor muscles. These muscles help support the bladder and other organs and by exercising your pelvic floor muscles and making them stronger, you can reduce SUI related urine loss. PFME are essential exercises for all women and not just for treating the symptoms of SUI. They can be beneficial in reducing the symptoms of mild SUI but must be carried out consistently and correctly.
- Minimally-invasive treatments such as Urethral Bulking Agents. Urethral Bulking Agents are injected around the urethra effectively narrowing the urethra, by adding bulk and allowing it to withstand the increases in pressure when coughing, laughing, exercising and so on.
- Surgery, such as the placement of a sling (synthetic mesh), is used to help restore support under the bladder and urethra. Slings are currently the most common surgical procedure to treat SUI, although there is increasing concern on long-term complications. All surgical procedures involve one or more surgical incisions. Surgery is not a solution for all as a person may be unwilling or unable to undergo a surgical procedure, for example women who wish to have (more) children or elderly women.

UROLOLON™ - BIORESORBABLE URETHRAL IMPLANT

Urolon™ is intended to bridge the gap between conservative (e.g. pads, incontinence materials and pelvic floor muscle exercise) and surgical treatments (e.g. synthetic meshes/slings). Urolon™ treats the cause of SUI by helping to seal the urethra, a mechanism lost as a result of weakening of connective tissue and muscles required to maintain continence combined with a gradual loss of collagen within the walls of the urethra. Collagen loss is a natural process which occurs as a result of aging and in particular after the menopause.

Urolon™ is a new class of bulking agent and is referred to as a Bioresorbable Urethral Implant. Similar to urethral bulking agents it is minimally-invasive and injected via a cystoscope for visual confirmation of correct placement.