CoreFlow®

IT'S NOT A CATHETER, IT'S NOT A STENT, IT'S A COREFLOW

Product Information



CoreFlow® - Soft Stent

An innovative product with multiple functions

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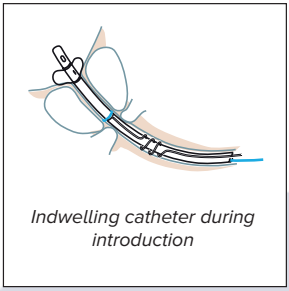
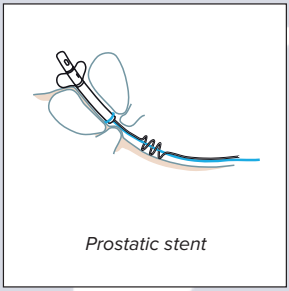
The ideal device for management of Bladder Outlet Obstruction

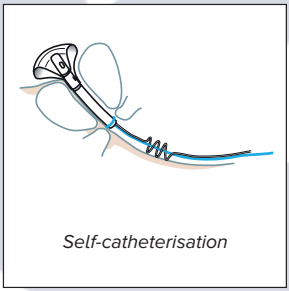
- As easy to introduce and remove as a standard catheter.
- Enables sphincter controlled continence.
- Suitable for patients with urinary retention.
- A novel alternative to a standard indwelling catheter following any prostate surgery, without the need for a urine bag.
- Temporarily de-obstructs the prostatic urethra for diagnostic purposes.
- Two-piece innovative design simplifies the introduction and allows initial use as a normal indwelling catheter.
- Designed with a balloon at its proximal end for excellent bladder anchor and coil in the distal section to keep it from migrating.
- Decreases the incidence of Urinary Tract Infection (UTI) in comparison with conventional catheters.



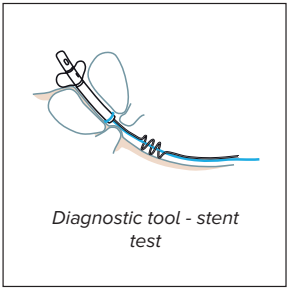
Indwelling catheter during introduction



Prostatic stent



Self-catheterisation



Diagnostic tool - stent test

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The perfect solution for patient and professional alike

- The patient controls his urination.
- Enables the patient to lead a normal life, including returning to work earlier following surgery.
- Minimises the patient's physical and emotional discomfort frequently associated with indwelling catheters.
- Unique pull-thread mechanism allows for patient self-catheterisation and eliminates the risk of acute retention.
- Discreet and comfortable, CoreFlow® allows the patient to participate in his social and physical activities.
- Available in two sizes - 40 mm and 50 mm.
- All silicone 20Fr.
- Approved for 29 days´ continuous use.
- CE marked.



ABSTRACT

The new device - **CoreFlow-Soft Stent** was used for diagnosis of causes of incomplete bladder emptying (IBE) in 19 men with neurogenic diseases. Group 1 consisted of 8 men with IBE and prostatic adenoma. Group 2 consisted of 11 men with IBE but no prostatic adenoma. The CoreFlow-Soft Stent comprises an introducer and a stent. Different active lengths of the stent are available to match it to the length of the prostatic urethra. The stent has an anchoring balloon situated in the bladder and a second anchor located distally to the external sphincter.

CoreFlow was introduced in a similar way as an ordinary Foley catheter. The bladder was filled with 200 ml of saline solution through the introducer and the stent. The introducer part was then separated from the stent part positioned in the prostatic urethra. The stent part is connected to the integral ”pull-thread” device which runs through the urethra ending outside the meatus. Reposition of the stent using the special thread opens the striated urethral sphincter.

Summary

Out of 8 patients with prostatic adenoma and neurogenic diseases 4 could urinate with the stent part positioned in the prostatic urethra indicating that prostatic adenoma was the cause for IBE. These patients have undergone TUR-P. The other 4 patients of group 1 and 11 patients of group 2 could urinate only using Valsalva manoeuvre and after reposition of the stent for opening the striated urethral sphincter. This allowed us to conclude that these 15 patients suffered from detrusor underactivity.

Our experience indicates that CoreFlow- Soft Stent is a simple device for diagnosis of the causes of IBE in men with neurogenic diseases.

Urologiia . Jan-Feb 2009;(1):13-6.
[Temporary stent--CoreFlow Soft Stent--for diagnosis of the causes of incomplete bladder emptying in men with neurological diseases]
[Article in Russian] **G G Krivoborodov, E B Mazo, N S Efremov**

ORDERING INFORMATION	
Device	**Article number**
CoreFlow®- Soft stent Length of stent 40 mm	BNC 819140
CoreFlow®- Soft stent Length of stent 50 mm	BNC 819150

CONTACT INFORMATION:

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ProstaLund®

Medical Device CE **0123**