

An anatomical illustration showing a cross-section of the urethra. A clear, thin catheter is inserted into the urethra. The urethra is shown in a light yellowish-tan color, and the surrounding tissue is a reddish-pink color. The catheter has a small, clear, rounded tip and a small opening near the tip.

Protecting the fragile urethra

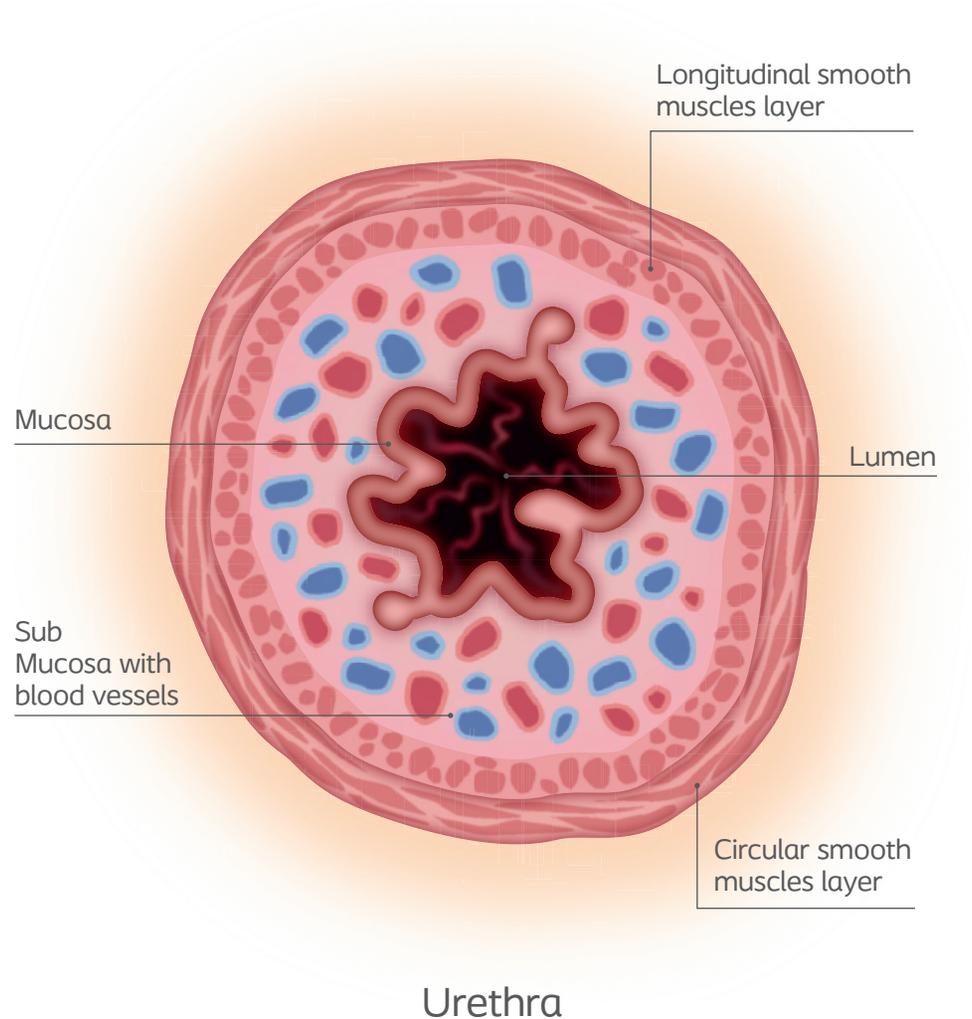


SpeediCath®

For protection of the urethra from damage, complications and UTIs

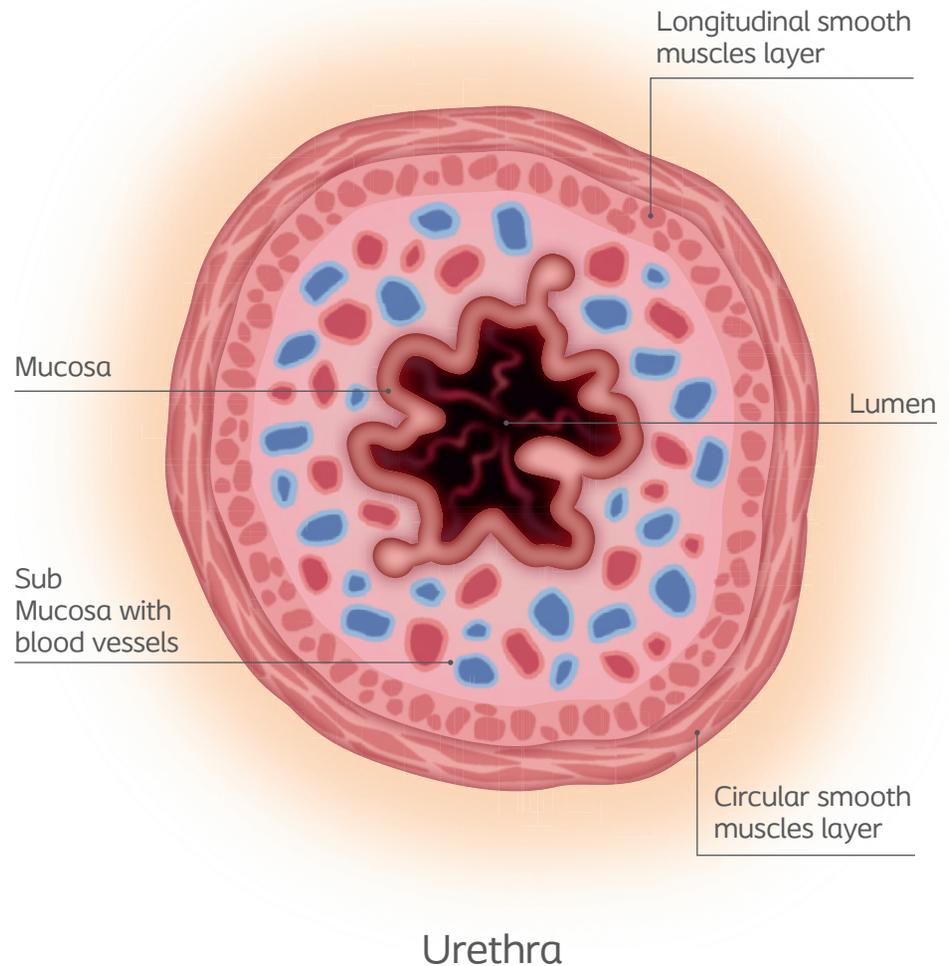
The role of the urethral mucosa is to **prevent pathogens from entering the body**

- The innermost layer of the wall of the urethra and urinary bladder is the mucous membrane (also called the mucosa)
- Its function is to create a barrier to stop urine and pathogens from entering the body
- If the mucosa becomes dehydrated it could result in a breakdown of its protective seal



The urethral mucosa is **highly vulnerable to trauma**

- Damage to the mucosa can lead to certain irritative lower urinary tract symptoms¹
- It's important to seek out a catheter solution that reduces friction between the catheter and the urethral mucosa, minimizing the risk of urethral trauma.^{1,2}



1. Fry C.H. & B. Vahabil (2016). The Role of Mucosa in Normal and Abnormal Bladder Function, Basic Clin Pharmacol Toxicol 119, 57-62

2. Mazzo et al. 2016. Intermittent urethral catheterisation: the reality of the lubricants and catheters in the clinical practice of a Brazilian service. Journal of Clinical Nursing, 25, 3382–3390, doi: 10.1111/jocn.13466.practice of a Brazilian service. Journal of Clinical Nursing, 25, 3382–3390, doi: 10.1111/jocn.13466.

Typical causes of male catheter insertion difficulties

There are a number of reasons why male patients can find it difficult to insert and withdraw their catheters:

1. Urethral stricture

Narrowing of the urethra due to formation of scar tissue, making insertion difficult (strictures may occur all along the urethra).

2. L-bend and pars bulbosa

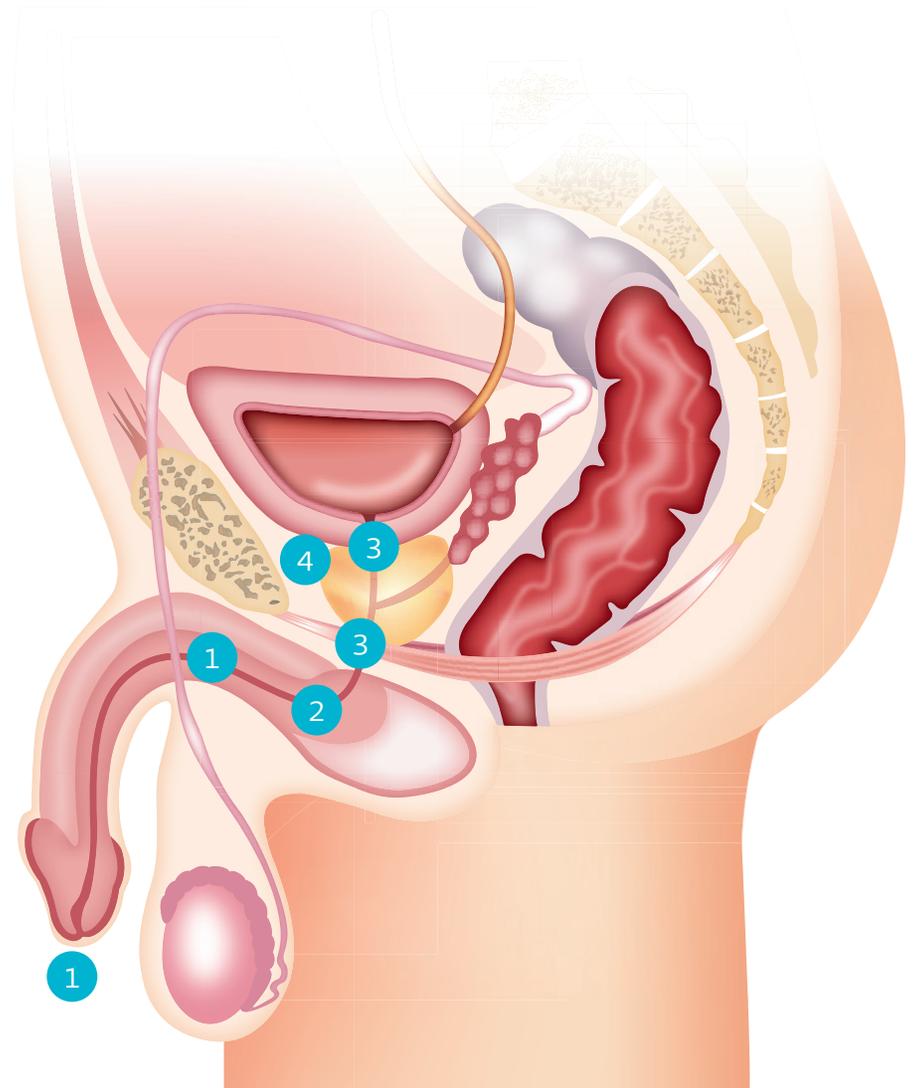
The natural shape of the urethra with the L-bend makes the insertion difficult. Excessive force during insertion can create a bulbous area at the L-bend.

3. Sphincters

Tight internal and external sphincters can also make insertion difficult.

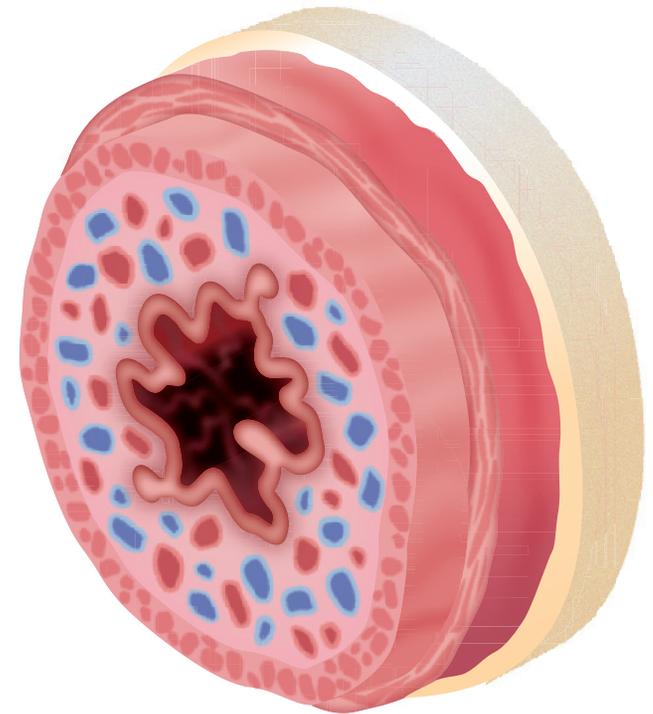
4. Enlarged prostate

Can create a narrowing of the urethra, making insertion difficult.



Protecting the urethra from the risk of damage, complications, and UTIs is a critical clinical challenge

Because the average intermittent catheter user will catheterize **1,825 times** every year¹, protecting the urethra from the risk of damage, complications and UTIs is a critical clinical challenge^{2,3}.



Cross-cut of a mucosa

1. European Association of Urology Nurses. (2013) Catheterisation Urethral Intermittent in adults. https://nurses.uroweb.org/wp-content/uploads/2013_EAUN_Guideline_Milan_2013-Lr_DEF.pdf. (Reports 4-6 catheterization per day for an adult patient. Assuming 5 times a day for an average adult, it is calculated to be 1825 catheterization/year)
2. Stensballe J. et al. Hydrophilic coated catheters for intermittent catheterisation reduce urethral micro trauma: a prospective, randomised, participant-blinded, crossover study of three different types of catheters. Supported by Coloplast. European Urology 2005, Vol. 48 (6) p. 978-983, n=49
3. Kennelly M, Thiruchelvam N., et al. Adult Neurogenic Lower Urinary Tract Dysfunction and Intermittent Catheterisation in a Community Setting: Risk Factors Model for Urinary Tract Infections. Advances in Urology. Sponsored by Coloplast. 2019

PROTECTING THE URETHRA



84% of users
worry about
getting a UTI when
catheterizing



50% of users
worry about hurting
their urethra when
catheterizing



42% of users
worry about
feeling pain when
catheterizing

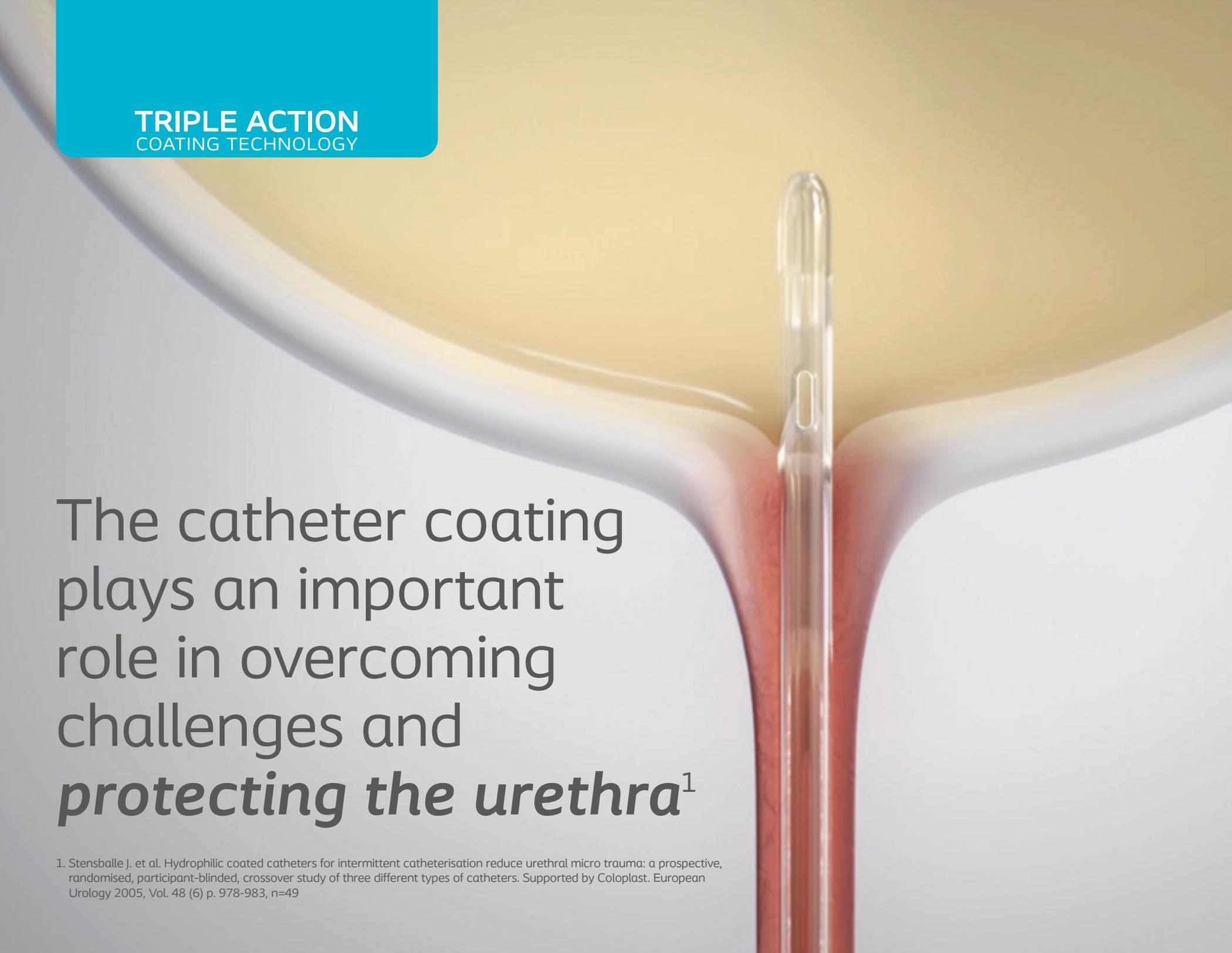
TRIPLE ACTION
COATING TECHNOLOGY

The truth is:

Not all coatings are the same



Scan this QR code
for more details

An anatomical illustration of the male urethra. A clear, flexible catheter is shown inserted into the urethra. The urethra is depicted in a light yellowish-tan color, and the surrounding tissue is shown in a reddish-pink hue. The catheter has a bulbous tip and a small opening near the base. The background is a soft, light yellow gradient.

TRIPLE ACTION
COATING TECHNOLOGY

The catheter coating
plays an important
role in overcoming
challenges and
protecting the urethra¹

1. Stensballe J, et al. Hydrophilic coated catheters for intermittent catheterisation reduce urethral micro trauma: a prospective, randomised, participant-blinded, crossover study of three different types of catheters. Supported by Coloplast. European Urology 2005, Vol. 48 (6) p. 978-983, n=49

But unfortunately, *not all hydrophilic coatings are the same*

Some of the common pitfalls can be:



Dry spots in the coating

Some have dry spots where the coating fails to adhere to the catheter during insertion or withdrawal.



Dry-out of coating

Insufficient hydration may cause the coating to dry out over time and become rough or sticky.

TRIPLE ACTION
COATING TECHNOLOGY

That's why all SpeediCath[®] catheters come with a unique hydrophilic coating, featuring our ***Triple Action Coating Technology***

It consists of three strongly bonded elements, designed to protect the urethra in three ways:



Stays ***bonded***

Stays ***smooth***

Stays ***hydrated***

TRIPLE ACTION COATING TECHNOLOGY



Stays **bonded**

It **stays bonded** during insertion and withdrawal due to a **proprietary base-coat** that is covalently bonded to the catheter surface for an **even coating without dry spots.**

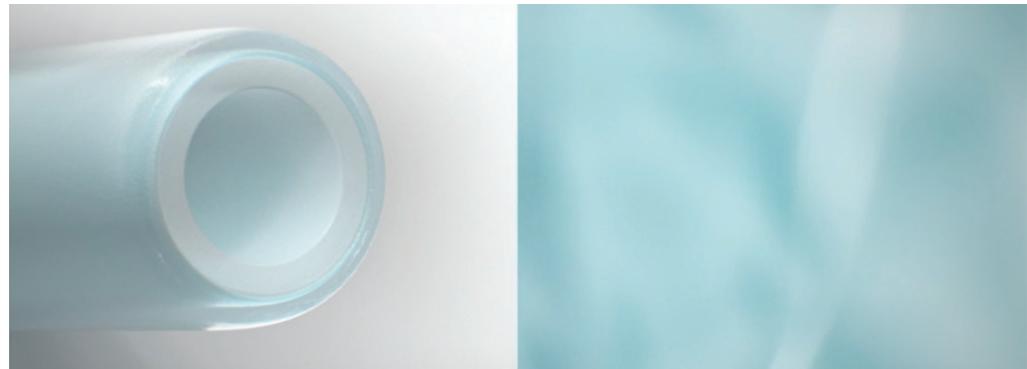


TRIPLE ACTION COATING TECHNOLOGY



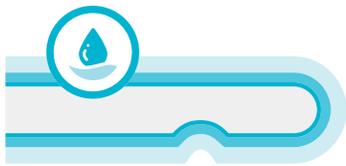
Stays *smooth*

It **stays smooth** because the **polymer top-coat** enables excellent water absorption for **low friction, smooth insertion and reduced discomfort.***



*compared to uncoated catheters

TRIPLE ACTION COATING TECHNOLOGY



Stays *hydrated*

It **stays hydrated** with a **special water-based solution** that swells the coating and makes it **instantly ready-to-use**.



The truth is:

There is no “one size fits all” when it comes to catheter choice

SpeediCath®

To empower users,
we take time to listen

In one year, we conducted

230 hours
of interviews



in **9** countries

with 
116 catheter users



SpeediCath®

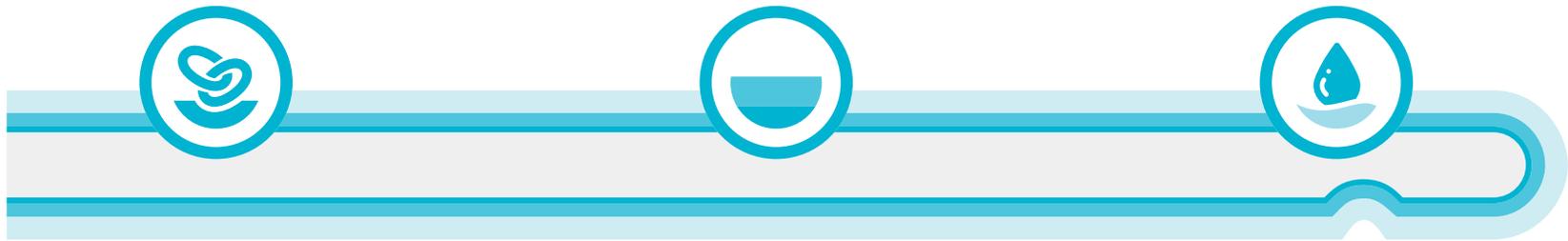
The *SpeediCath®*
range of catheters
are designed with
users' needs in mind





Triple Action

Coating Technology™



Triple Action Coating Technology
*Stays bonded, stays smooth and stays hydrated
for protection of the urethra*

SpeediCath® catheters are prescribed for use by patients who require bladder drainage due to urine retention or post void residual volume (PVR). Before use, carefully read all of the instructions. Call your doctor if you think you have a UTI or can't pass the catheter into the bladder. For more information regarding risks, potential complications and product support, call Coloplast Canada Corp. at 1-877-820-7008 and/or consult the company website at www.coloplast.ca.

Prior to use, refer to product labeling for complete product instructions for use, contraindications, warnings and precautions. The photos used are for illustrative purposes only. Performance and experiences may vary.