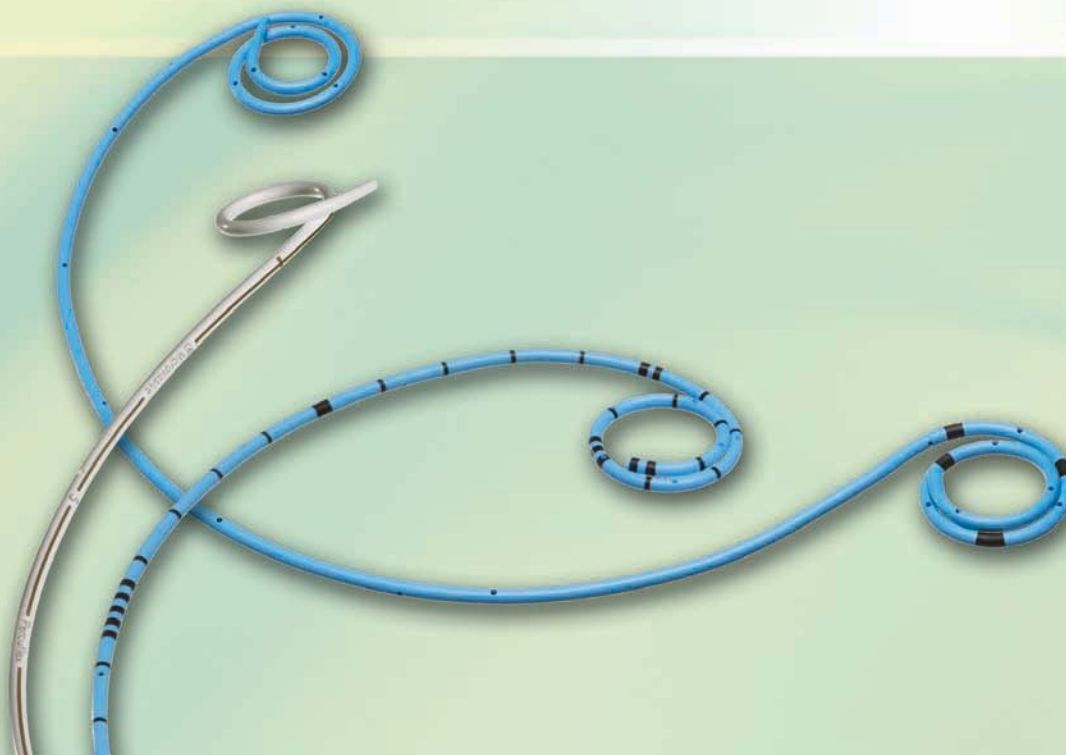


Ureteral Stent Portfolio

**Boston
Scientific**
Delivering what's next.™




Percuflex[®], the Material Difference





stents

Boston Scientific provides an extensive offering of ureteral stents featuring the Percuflex® Material with HydroPlus™ Coating, varied coil configurations and material durometers. All of our stents are designed to meet the clinical challenges of short and long term drainage of the collecting system.





**Polaris™ Loop
Ureteral Stent**



**Polaris™ Ultra
Ureteral Stent**



**Percuflex® Plus
Ureteral Stent**



**Percuflex®
Ureteral Stent**



**Contour™
Ureteral Stent**



**Contour™ Injection
Ureteral Stent Set**



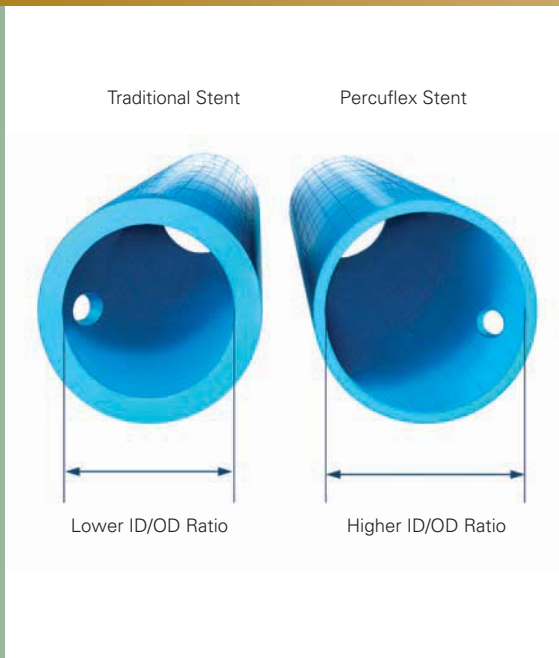
**Stretch™ VL Flexima
Ureteral Stent Set**



**Retromax™ Plus
Endopyelotomy Stent**

THE CLINICAL DIFFERENCE

Percuflex[®] Material Construction



- Percuflex Material, a proprietary copolymer, is designed specifically for the construction of ureteral stents.
- Stents constructed of Percuflex Material are available in firm, soft and dual durometers to meet the challenges of short and long term drainage of the collecting system.
 - Designed to soften at body temperature and become compliant to the contoured anatomy of the ureter
 - Reduces risk of migration due to high coil retention strength
 - Promotes improved drainage with a thin wall design and larger inner stent diameter and multiple side drainage holes
 - Offers proven biocompatibility for an indwelling time of up to **365 days**¹
 - Provides excellent material strength and smooth stent surface facilitates scope insertion and advancement up the ureter
- Percuflex base stents offer improved biocompatibility compared to stents made of modified polyurethane which are found to be cytotoxic and cause epithelial destruction².

HydroPlus™ Proprietary Hydrophilic Coating



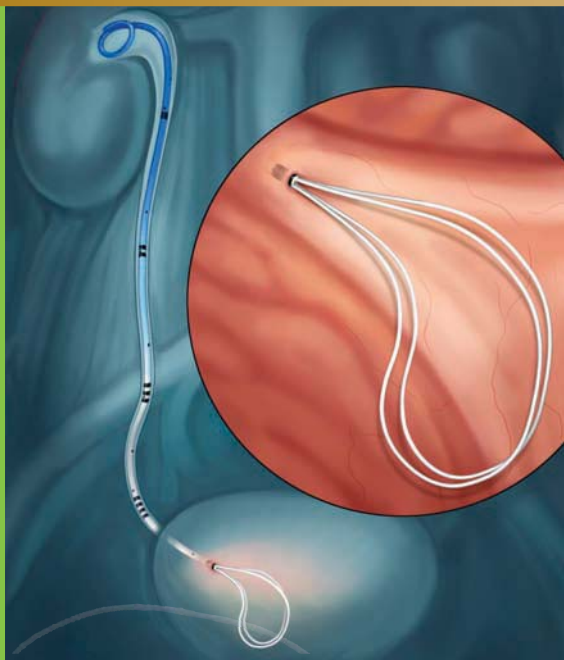
- Boston Scientific's stent line features the HydroPlus Coating which has been proven to demonstrate excellent resistance to encrustation.
- Our HydroPlus Coating utilizes a 2 step chemically bonded application process which is designed to provide a thick, consistent, lubricious coating.
- HydroPlus Coating absorbs water to provide a low friction smooth surface which facilitates advancement up the ureter and causes less superficial trauma to the urothelium.
- HydroPlus Coating when coated on the Percuflex Stent material becomes **lubricious**, creating a water saturated surface for facilitating advancement up the ureter.

PERCUFLEX® MATERIAL



HYDROPLUS™ HYDROPHILIC COATING

Polaris™ Loop Ureteral Stent



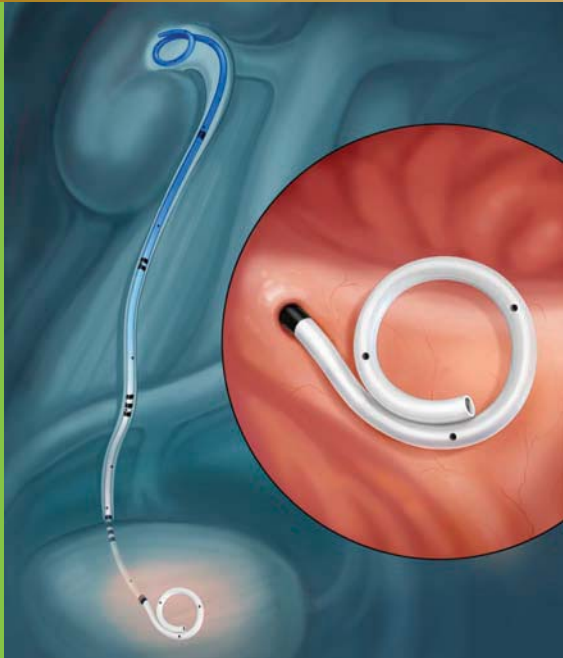
Dual Durometer Percuflex® Stent with HydroPlus™ Coating featuring a novel bladder loop design.

- Features 2 unique bladder loops (2.1Fr) made of soft Percuflex Material
- Contains 69% less material in the bladder than traditional stents
- Places similar to a double pigtail stent
- Biocompatible material designed for **365-day** indwelling time¹
- Shown in a clinical trial to be easier to remove than the standard double pigtail stents³
- HydroPlus Coating to facilitate advancement up the ureter
- Improved ID/OD Ratio, low profile stent with larger inner lumen
- Available in 5Fr – 8Fr with lengths ranging from 10cm - 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com



Polaris™ Ultra Ureteral Stent



Dual Durometer Percuflex® Stent with HydroPlus™ Coating featuring a distinct soft Nautilus™ Bladder Coil.

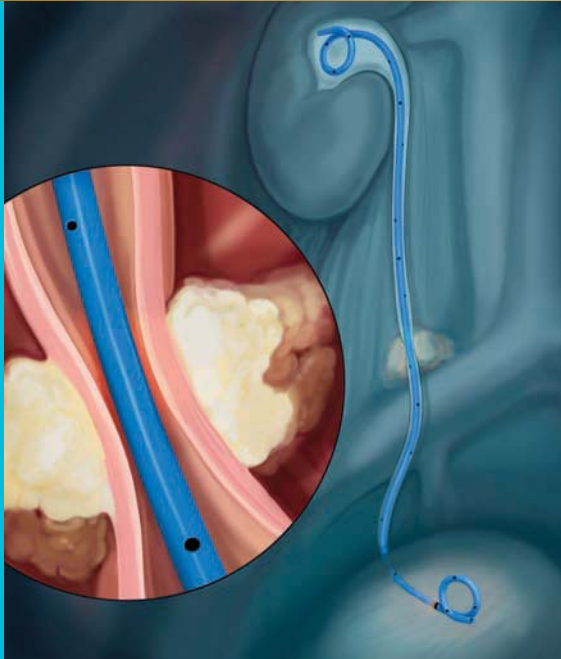
- Co-extrusion creates a smooth transition from firm to soft stent durometer
- Soft nautilus bladder coil designed to reduce bladder irritation
- Relaxed renal coil designed for ease of removal
- Tapered tip designed for ease of access through the ureteral orifice
- Graduation markings along the body of the stent to confirm placement
- HydroPlus Coating to facilitate advancement up the ureter
- Biocompatible material designed for **365-day** indwelling time¹
- Low profile stent with larger inner lumen allows for improved ID/OD ratio
- Available in 5Fr – 8Fr with lengths ranging from 10cm - 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com

POLARIS™ LOOP URETERAL STENT

POLARIS™ ULTRA URETERAL STENT

Percuflex® Plus Ureteral Stent



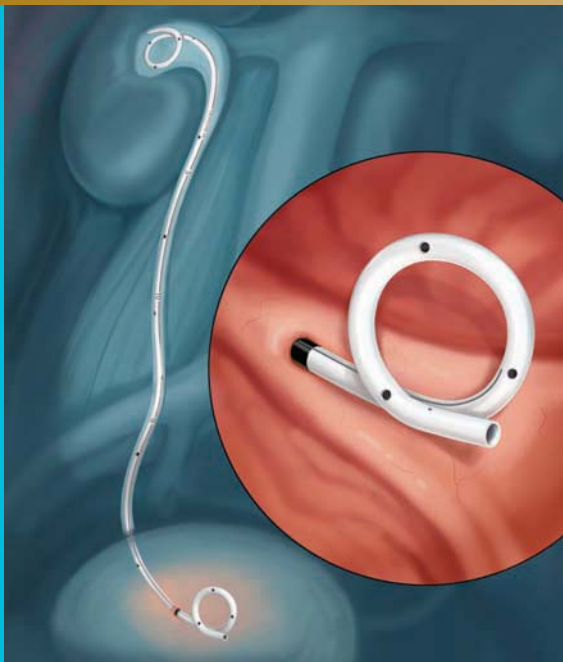
Firm Percuflex Stent with HydroPlus™ Coating designed for long term stent placement up to 365 days.

- Material strength and smooth stent surface facilitate navigation of tight strictures
- High retention coil strength designed to help maintain pigtail shape and prevent stent migration
- Tapered tip designed for ease of access through the ureteral orifice
- Bladder marking to confirm placement
- HydroPlus Coating to facilitate advancement up the ureter
- Biocompatible material designed for **365-day** indwelling time¹
- Low profile stent with larger inner lumen allows for improved ID/OD ratio
- Available in 4.8Fr – 8Fr with lengths ranging from 10cm - 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com



Percuflex® Ureteral Stent



Firm Percuflex Material designed for ease of placement.

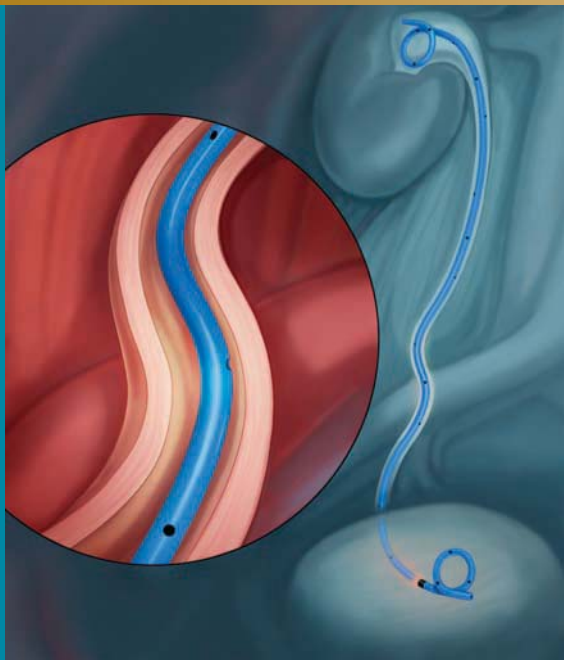
- High retention coil strength designed to help maintain pigtail shape and prevent stent migration
- Tapered tip, firm shaft with smooth surface designed for ease of placement
- Bladder marker to confirm placement
- Excellent radiopacity for improved visualization
- Biocompatible material designed for **365-day** indwelling time¹
- Low profile stent with larger inner lumen allows for improved ID/OD ratio
- Available in 4.8Fr – 8Fr with lengths ranging from 20cm - 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com

PERCUFLEX® PLUS URETERAL STENT

PERCUFLEX® URETERAL STENT

Contour™ Ureteral Stent



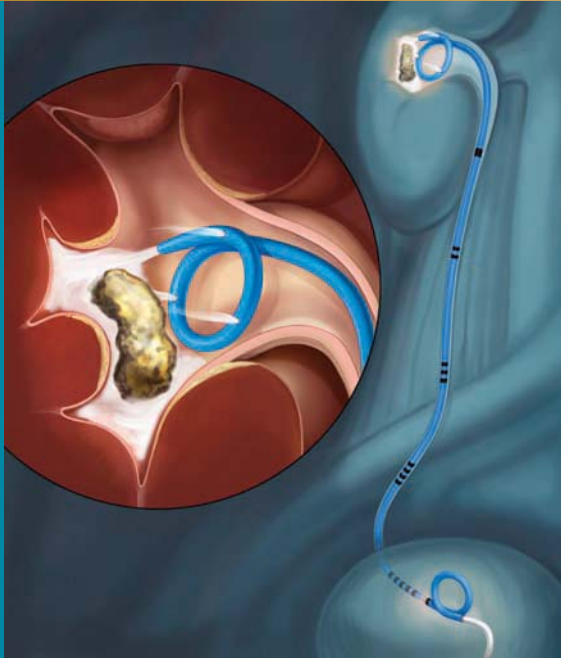
Soft Percuflex® Stent with HydroPlus™ Coating available in both fixed and variable length stents.

- Constructed with Soft Percuflex Material that becomes soft at body temperature promoting patient tolerance of an indwelling stent
- Variable Length coils on distal and proximal ends allow for one stent to fit various ureteral lengths
- Relaxed renal coil designed for ease of removal
- Tapered tip designed for ease of access through the ureteral orifice
- Bladder marking to confirm placement
- HydroPlus Coating to facilitate advancement up the ureter
- Biocompatible material designed for **365-day** indwelling time¹
- Low profile stent with larger inner lumen allows for improved ID/OD ratio
- Fixed Length Stent 6Fr – 8Fr with lengths ranging from 20cm - 30cm
- Variable Length Stent 4.8Fr – 7Fr with lengths of 22cm - 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com



Contour™ Injection Ureteral Stent Set

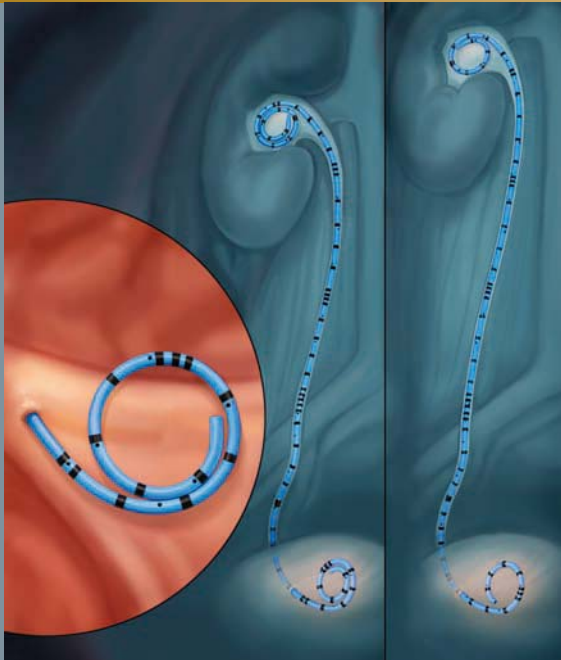


Built off the Contour Stent platform, this injection stent design facilitates the ability to inject contrast through the stent's renal coil.

- Soft Percuflex® with HydroPlus™ Coating and Injection positioner for better visualization under fluoroscopy
- Packaged as a complete set including Injection stent, Injection Positioner and Release Sleeve with Injection Hub
- Tapered tip designed for ease of access through the ureteral orifice
- Graduation markings along the body of the stent to confirm placement
- HydroPlus Coating to facilitate advancement up the ureter
- Biocompatible material designed for **365-day** indwelling time¹
- Low profile stent with larger inner lumen allows for improved ID/OD ratio
- Fixed Length Stent 4.8Fr – 7Fr with lengths ranging from 20cm - 30cm
- Variable Length Stent 4.8Fr – 7Fr with lengths of 22 - 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com

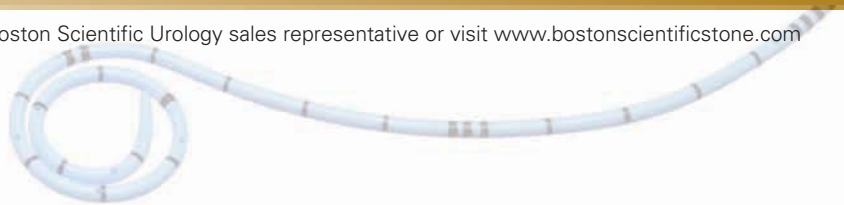
Stretch™ VL Flexima Ureteral Stent Set



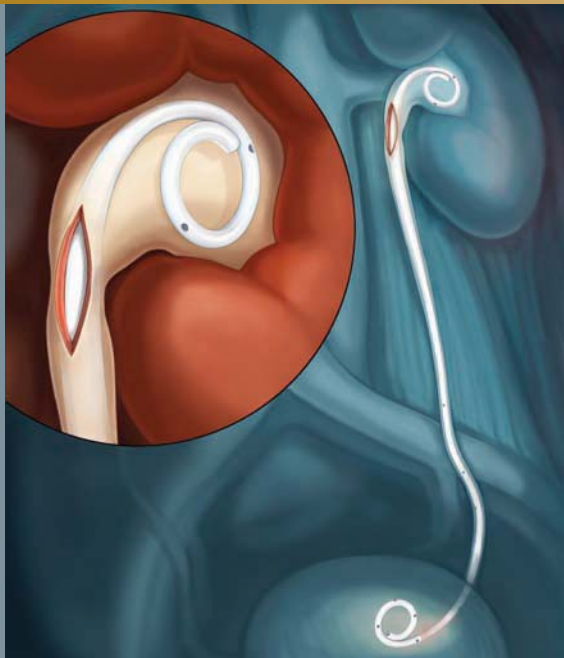
Variable Length Flexima® Ureteral Stent with HydroPlus™ Coating designed to facilitate varying ureteral lengths with fewer product codes.

- Variable Length coils on distal and proximal ends allow for one stent to fit various ureteral lengths
- Tapered tip designed for ease of access through the ureteral orifice
- Graduation markings to confirm placement
- HydroPlus Coating to facilitate advancement up the ureter
- Biocompatible material designed for **90-day** indwelling time¹
- Variable Length Stent available in 4.8Fr – 7Fr with lengths of 22cm - 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com



Retromax™ Plus Endopyelotomy Stent

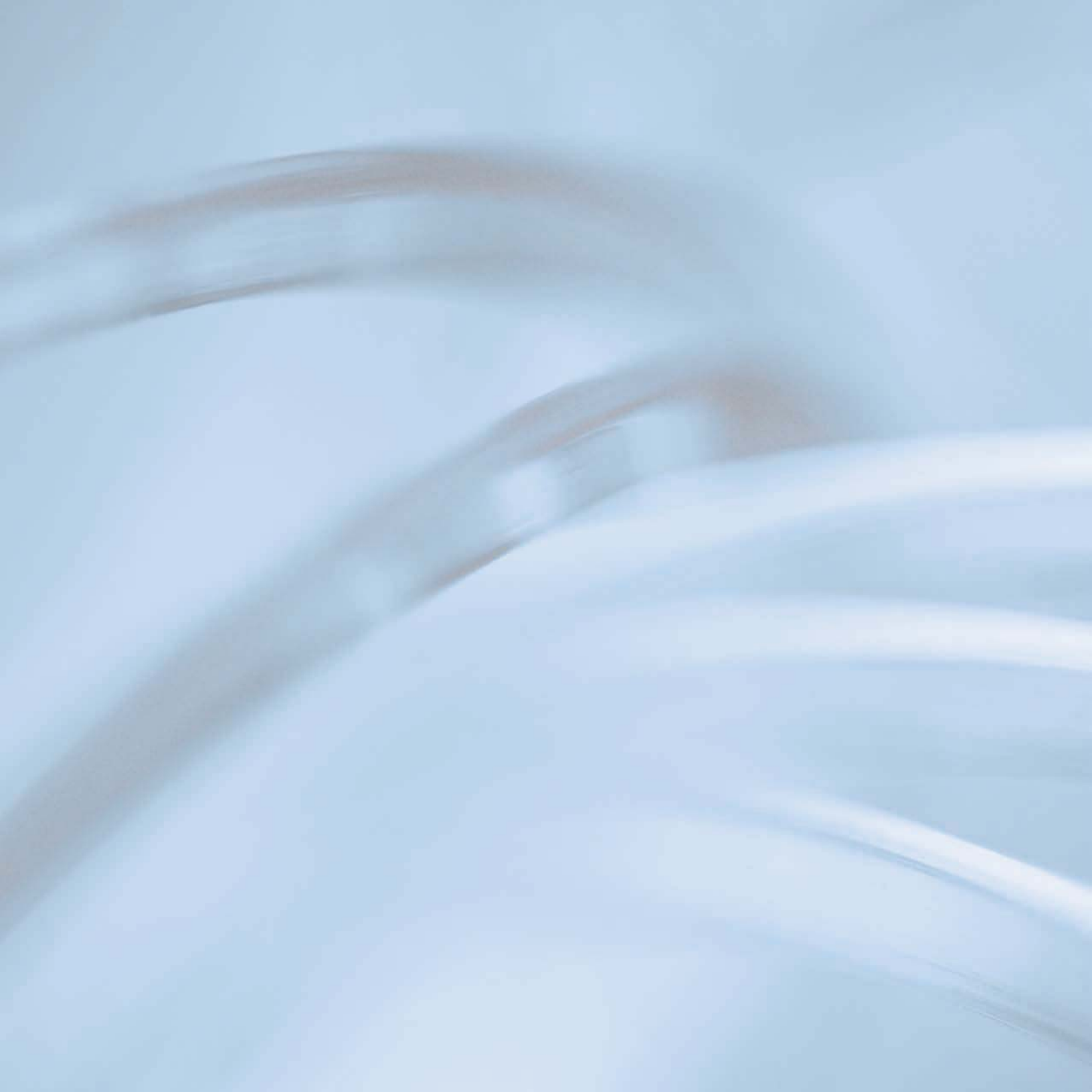


Endopyelotomy stent with HydroPlus™ Coating and Percuflex® Material featuring a dual diameter design and tapered end designed to facilitate healing post-procedure.

- Design to maintain ureteral patency and drainage post-endopyelotomy
- Smooth transition from 14Fr to 7Fr taper at the bladder coil
- Smooth diameter taper facilitates atraumatic placement
- Tapered tip designed for ease of access through the ureteral orifice
- HydroPlus Coating to facilitate advancement
- Available in stent lengths of 22cm to 30cm

For a full listing of Ureteral Stent products, please contact your Boston Scientific Urology sales representative or visit www.bostonscientificstone.com





Our Commitment to Endourology

For over 20 years Boston Scientific has been a leader in developing less invasive stone products designed for safety, efficacy and helping to improve procedural efficiency. But innovating Stone Management products isn't the only thing we care about...we also support the following:

- Education programs, including physician to physician training, to enhance physician skills in flexible ureteroscopy and PCNL procedures
- Continuing Medical Education programs for OR nursing and staff to help advance their skills and knowledge
- Sponsorship of Journal of Endourology subscriptions for urology residents
- Investment in local and national societies to help urology professionals achieve research and educational goals
- Investment in research and educational grants to fund Urology fellowships
- Our Health Economics & Reimbursement group that offers a help-line and provides coding and payment information

Our Commitment to Product Innovation

Each year Boston Scientific invests millions of dollars in R&D with the goal of developing new, clinically superior products for the treatment of stone disease. This commitment has produced the full product line offering that we have today. 20 years later and after hundreds of products launched to support stone management surgical care, we continue to strive to develop new, safe, minimally invasive devices to help improve efficacy of these procedures.

Our Commitment to Product Quality

Boston Scientific invests in quality initiatives to provide unparalleled products and services for Urologists and their patients. This commitment to quality is a significant part of the culture at Boston Scientific. You should feel confident in the products that you use for the treatment of stone disease...you should feel confident in using Boston Scientific products.

www.bostonscientificstone.com

References:

1. Data on file, Boston Scientific.
2. L. Cormio: Biocompatibility of Various Indwelling Double-J Stents. *The Journal of Urology*; 1995; Vol. 153, 494-496, Feb. 1995.
3. J. Lingeman, Ease of Placement and Removal of Loop tail stent vs Standard pigtail stent
Mardis, Hale: Self-Retained Internal Ureteral Stents: Use and Complications.
AUA update series; 1997; 16:226-231

Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician.
Refer to package insert provided with the product for complete Indications for Use, Contraindications, Warnings, Precautions, Adverse Events, and Instructions prior to using this product.

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