



**Ureteroscopy solutions**  
for your most  
challenging cases

# IT TAKES INSIGHT TO SEE THAT NO TWO STONE PATIENTS ARE ALIKE.

## THAT'S THE DIFFERENCE BETWEEN MAKING DEVICES AND MAKING PROGRESS.

There is nothing routine about your stone removal procedures. Every patient presents a unique challenge. Every urologist has preferred approaches and techniques, and every surgical tool and device you choose must perform to your highest expectations. No matter how demanding the case.

For more than 30 years, Boston Scientific has offered a broad and deep portfolio of products and solutions designed to support you through every stone procedure. Even the hard ones.

We invite you to explore our comprehensive ureteroscopy portfolio to decide which Boston Scientific devices, systems and solutions are right for you. Because when it comes to delivering innovative solutions to treat each and every patient, we leave no stone unturned.

Visit [bostonscientific.com/Urology](https://www.bostonscientific.com/Urology)



**Visualization**



**Retrieval  
Devices**



**Guidewires**



**Dilation Devices and  
Access Sheaths**



**Lithotripsy  
Products**



**Ureteral  
Stents**



## VISUALIZATION

### LithoVue™ Single-Use Digital Flexible Ureteroscope

**A new scope for every patient.**

The LithoVue System delivers high-resolution digital images for clear visualization and seamless navigation. With a new scope every time you open the LithoVue package, you eliminate the inconsistent performance and maintenance hassles associated with reusable scopes.

- No costly scope repairs
- No scope maintenance
- No scope reprocessing
- No degradation of scope performance
- No sterilization
- No delays or cancellations due to availability

### Discover the true cost of reusable scopes.

Every hospital is unique. So be sure to take advantage of our interactive Ureteroscopy calculator to evaluate the costs associated with reusable scope repairs. Please contact your Boston Scientific representative for more information.



## LithoVue Empower™ Retrieval Deployment Device

### Take control.

The LithoVue Empower Device takes stone removal to the next level. The critical task of controlling the basket can now be in the surgeon's hand.

Discover a revolutionary way to streamline basketing from start to finish. Visit [www.bostonscientific.com/LithoVueEmpower](http://www.bostonscientific.com/LithoVueEmpower) to learn more.



### A better OR experience for everyone.

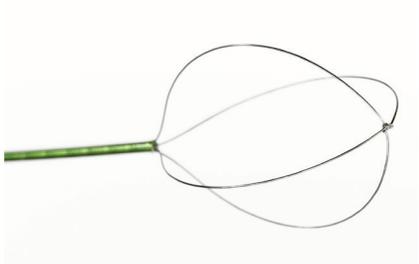
Good communication is a cornerstone in any OR. Turning a two-person task into a one person operation eliminates the chance of miscommunication during stone basketing.†



## RETRIEVAL DEVICES

### Capture the stone. Free the patient.

When it comes to kidney stone removal, no two cases are alike. No two patients present the same anatomical challenges. And no two stones are identical in size, shape or consistency. That's why Boston Scientific offers you a broad and diverse portfolio of stone retrieval baskets and graspers designed to make ureteroscopy procedures straightforward - and complete your most complex stone removal cases with confidence.



#### Zero Tip™ Stone Retrieval Basket

- Tipless basket configuration allows for close stone proximity for successful retrieval of calyceal calculi
- Knotted basket tip helps prevent wire movement for reliable stone capture
- 1.9F sheath size for enhanced irrigation flow and scope deflection
- Multiple sizes, including 1.9F, 2.4F and 3.0F baskets



#### Escape™ Stone Retrieval Basket

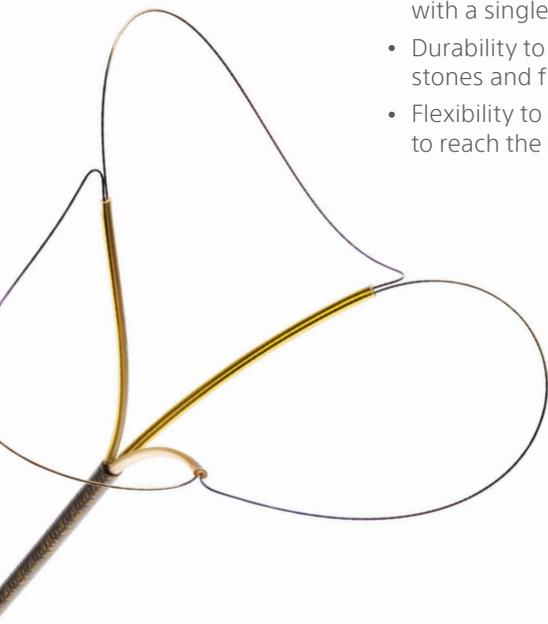
- Designed to allow a side-by-side approach, facilitating control and independent manipulation of both the basket and holmium laser fiber
- 4-wire cage design extends 2 long legs for releasability
- 1.9F sheath size designed for enhanced irrigation flow and scope deflection



### **Dakota™ Nitinol Stone Retrieval Device with OpenSure™ Handle**

When removing complex stones of varying size and composition in challenging locations, every detail matters. This three-arm hybrid basket gives you:

- Precise control to capture fragments as small as 1mm<sup>2,3</sup>
- The ability to release large stones up to 11mm with a single press of the OpenSure Handle<sup>3</sup>
- Durability to make multiple passes – and remove multiple stones and fragments – all in a single procedure
- Flexibility to open and close at full deflection to reach the lower pole of the kidney





## GUIDEWIRES

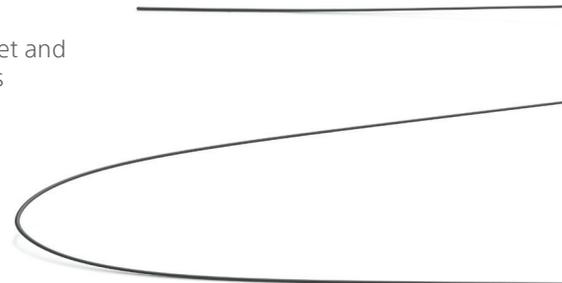
### Wired for success.

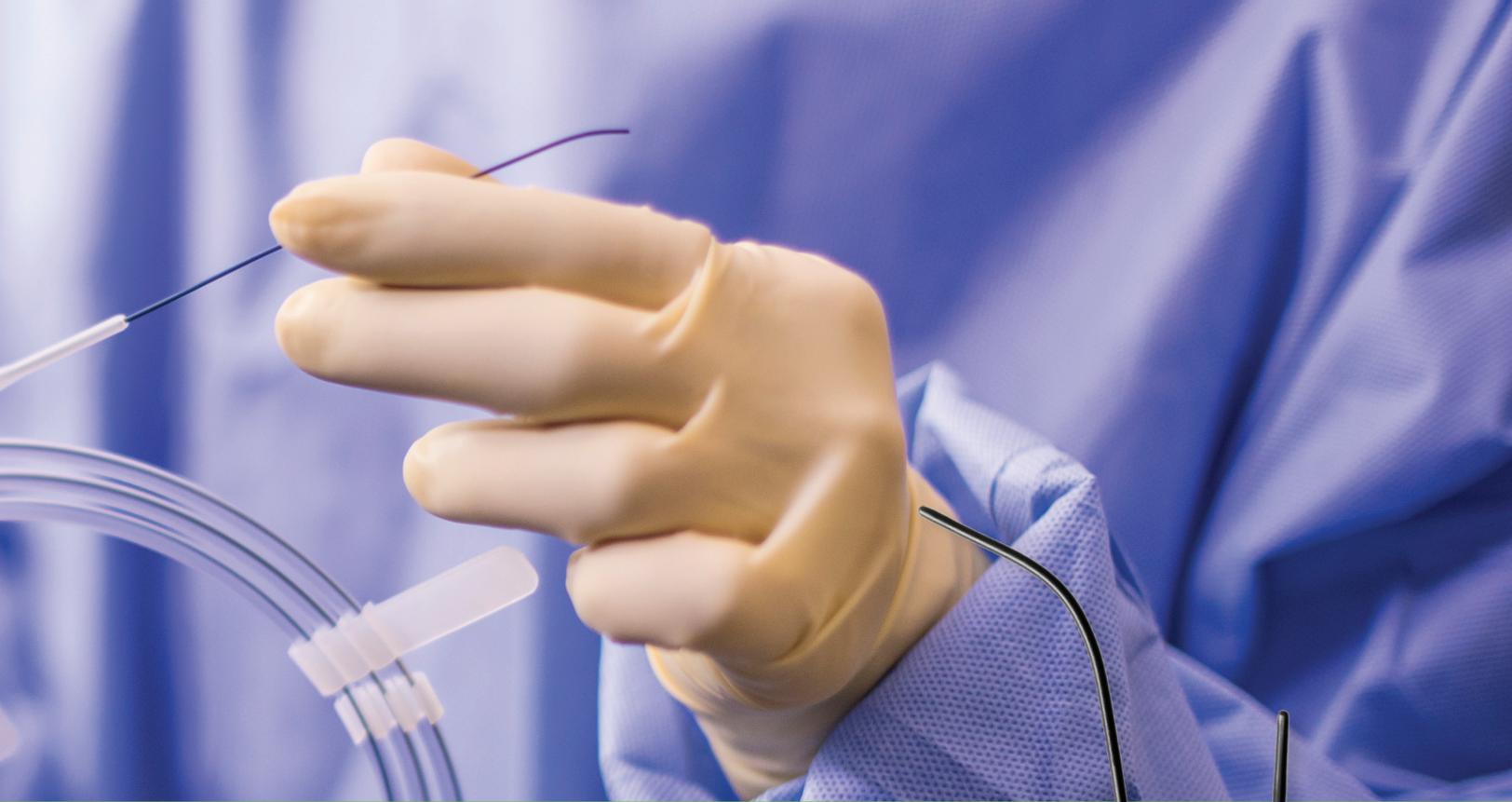
Boston Scientific Guidewires have been recognized in scores of medical journals for more than two decades. They remain the first choice of urologists around the world who trust the same familiar technology they often learned on during surgical training to perform both routine and complex stone cases – with certainty and without compromise. You can count on a single source of guidewires to simplify inventory management, streamline operating room setup and drive efficiency in the surgical suite. With Boston Scientific, you're wired for success.

### ZIPwire™ Nitinol Guidewire

**A smooth hydrophilic guidewire preferred for tortuous anatomy.** Navigate past obstructions and facilitate successful outcomes – even when faced with challenging cases.<sup>4,5</sup>

- A kink-resistant core with a proprietary polymer jacket and a lubricious coating supports smooth ureteral access
- Several tip styles available to provide added tip flexibility for negotiation of narrowed ureters and access beyond severe obstructions
- Excellent rotational torque<sup>2</sup> response enables a smooth response for maximum control

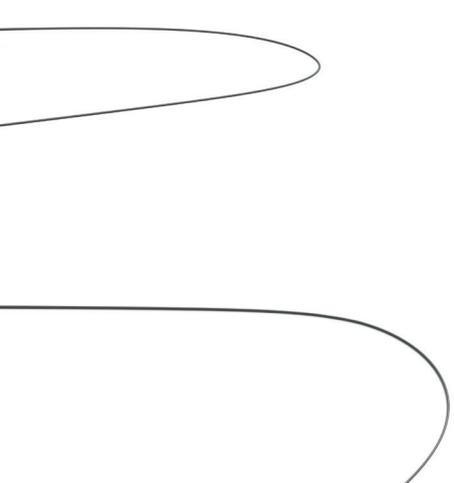




### **Sensor™ PTFE-Nitinol Guidewire**

**The gold standard in guidewires.** As the global market leader for nearly two decades, Sensor Guidewire remains the preferred hybrid wire technology among surgeons who value consistent performance in routine and challenging cases alike.<sup>2</sup>

- Distal tip stiffness profile transition creates a unique distribution of force, to help advance past tortuous anatomy and impacted stones<sup>6,7</sup>
- Flat wire stainless steel construction provides a stiff guidewire for enhanced instrumentation and device placement
- Dual-flex advantage features a 10cm flexible proximal end designed to ease passage and minimize risk of expensive scope damage
- Coil-to-core design provides direct tactile feedback which helps communicate movement of the wire back to the surgeon<sup>6,7</sup>





## DILATION DEVICES AND ACCESS SHEATHS

Access is critical to the success of every ureteral procedure, and Boston Scientific offers a flexible choice of dilation devices and access sheaths to help you create an effective working channel for the introduction of scopes and other essential devices.

### Navigator™ HD Ureteral Access Sheath

Provides ureteral dilation and a working channel for ureteroscopes and devices during procedures.

- Flexible tip, higher durometer dilator and sheath with additional sizes
- Hydrophilic coating on sheath and dilator is designed for durability in bilateral cases and allows for ease of insertion
- Dual-durometer dilator – stiffer body facilitates placement in tortuous anatomy with flexible tip designed to reduce trauma during insertion and dilation
- Kink-resistant sheath designed to provide stability and strength during placement
- Radiopaque marker band on sheath tip helps enhance visibility under fluoroscopy



### UroMax Ultra™ High Pressure Balloon Catheter

Balloon dilatation catheter designed for radial dilatation of the urinary tract.

- Controlled inflation pressure up to 20ATM<sup>2</sup>
- The HydroPlus™ Coated balloon is designed to reduce friction during advancement and withdrawal
- Quadra-fold technology is designed to allow balloon material to wrap tightly around the catheter to achieve lowest possible profile during catheter placement and withdrawal





## LITHOTRIPSY PRODUCTS

A comprehensive solution. Boston Scientific delivers an evolving portfolio of high-performance lasers, fibers, lithotripsy devices and accessories designed to make kidney stone removal effective and affordable.

### Flexiva™ TracTip™ Single-Use Laser Fiber

Flexiva TracTip is a high-power, single-use laser fiber designed with a ball-shaped output tip to simplify your most challenging stone procedures.<sup>2,8</sup>

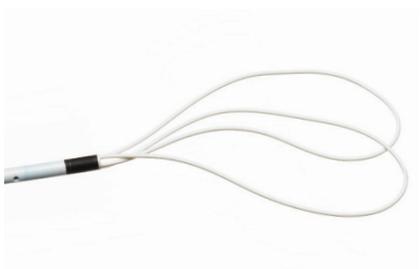
- Polished and reinforced ball-shaped output tip has the ability to atraumatically track through a fully deflected scope<sup>9</sup>
- Optimized core size of 242 microns allows for scope deflection to reach all areas of the renal pelvis<sup>2</sup>
- Custom-guided connector directs energy toward the core, while diffusing any errant laser energy<sup>2</sup>
- Designed with a durable FlexShield™ coating that withstands a 1cm bend diameter at 50W<sup>2</sup>



## URETERAL STENTS

### The advantages keep adding up.

Boston Scientific unites innovative stents, insightful evidence and intelligent solutions to help improve patient care while reducing costs. Our broad portfolio of firm, soft and dual-durometer stents is designed to accommodate your patient's anatomy, clinical presentation and personal tolerance. And all are made of biocompatible material for up to 365-day use.<sup>2</sup> We go beyond stents to help you solve challenges related to ureteral stent procedures – including patient education materials to help reduce emergency department visits.



#### Polaris™ Loop Ureteral Stent

A dual-durometer stent with an innovative design.

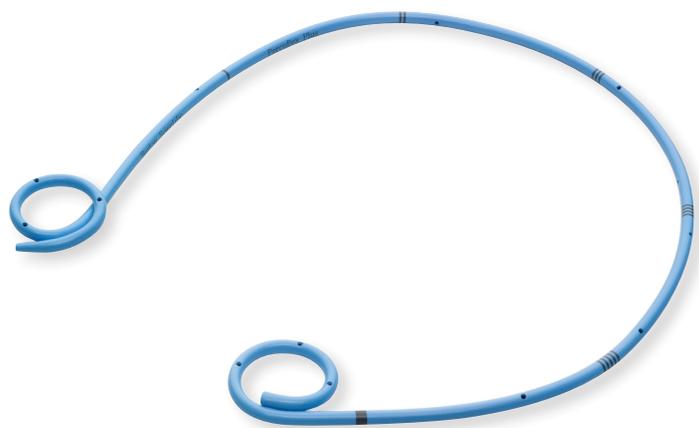
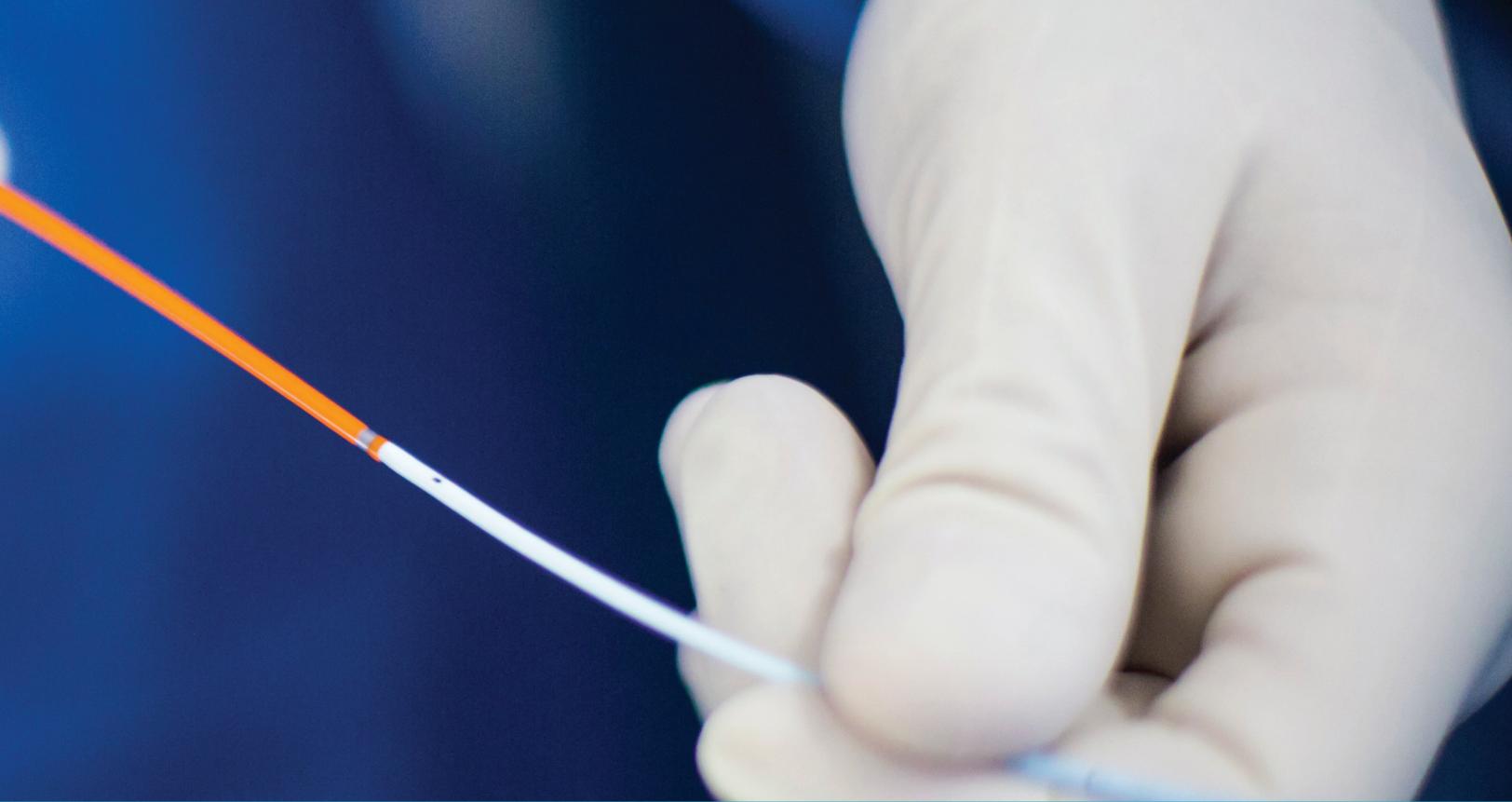
- Exceptional drainage while reducing bladder irritation
- Soft Percuflex™ material creates two unique bladder loops
- Proprietary co-extrusion process creates seamless transition from firm to soft



#### Polaris™ Ultra Ureteral Stent

A dual-durometer stent for minimal bladder irritation.

- Firm proximal end with tapered tip and HydroPLUS coating for advancement and to maintain placement
- Soft Nautilus™ Bladder Coil designed to reduce bladder irritation<sup>10</sup>
- Proprietary co-extrusion process creates seamless transition from firm to soft
- Tapered tip with HydroPLUS Coating to facilitate insertion



### **Percuflex™ Plus Ureteral Stent**

**A firm ureteral stent designed for ease of placement.**

- Material strength and smooth surface facilitate navigation of tight strictures
- Tapered tip and HydroPlus™ Coating to facilitate insertion
- Graduated circumferential markings every 5cm along the body of the stent to aid placement



### **Contour™ and Contour VL™ Ureteral Stents**

**Soft ureteral stents designed for patient tolerance.**

- Soft material stents may be recommended for patients with chronic stent pain and those you suspect may not tolerate a firm stent
- Tapered tip and HydroPlus Coating to facilitate insertion
- Graduated circumferential markings every 5cm along the body of the stent to aid placement

To learn more about our entire stent portfolio, visit [bostonscientific.com/beyondstents](https://www.bostonscientific.com/beyondstents)

A close-up photograph of three business professionals in an office setting. A man in a light blue shirt and dark tie is looking intently at a woman in a magenta top who is pointing at something off-camera. A third person's face is partially visible in the foreground on the left. The text 'SOLUTIONS THAT GO BEYOND PRODUCTS' is overlaid in white, bold, sans-serif font across the lower half of the image.

**SOLUTIONS THAT  
GO BEYOND PRODUCTS**



### **Education Programs**

Learn about the latest advances in ureteroscopy. These programs focus on the procedures and products supporting surgical treatment of urinary stone disease.



### **Preceptors – Live OR**

Observe clinical cases. Practice surgical techniques. One-on-one training and discussion with a Boston Scientific Faculty Surgeon.



### **Continuing Nurse Education Program**

Accredited programs designed to educate operating room staff about less invasive techniques in urology.



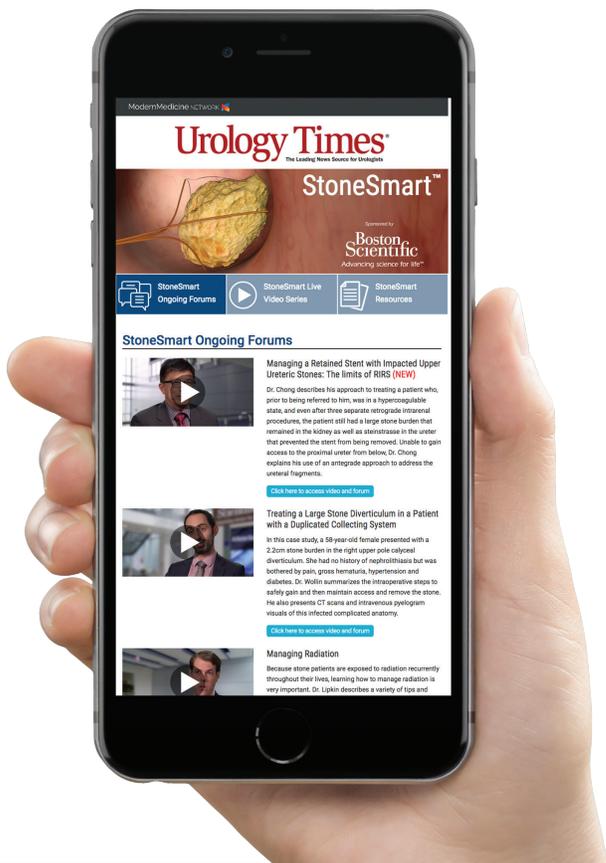
### **Health Economics**

Reach business and clinical goals through our qualified Health Economics experts. Get reimbursement education, access to large proprietary datasets, consulting and more.



### **[MykidneyStone.com](http://MykidneyStone.com)**

An interactive patient education website to help patients learn about kidney stones, their treatment plan, stents, prevention and more.



# StoneSmart™

The forum to advance the science of endourology



A peer-to-peer endourology resource



Captures and archives conversations and insights



Watch videos, read and discuss challenging cases

Watch a video:  
[UrologyTimes.com/StoneSmart](http://UrologyTimes.com/StoneSmart)



Join the conversation:  
[@bsc\\_urology](https://twitter.com/bsc_urology) [#StoneSmart](https://twitter.com/StoneSmart)

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6. Bench tests on file with Boston Scientific. Bench test results may not necessarily be indicative of clinical performance. Internal bench tests for stiffness resulted in statistically significant differences in body stiffness and at 5 and 6 inches from the distal tip. Bench tests were conducted in a comparative manner using a three point bending test, with the stiffness correlating to the force required to deflect the guidewire. The following sample sizes were included in the stiffness bench testing: Sensor (15), Bard Solo Plus (14), Olympus Straight Tip (11), Olympus Angled Tip (4), Cook Motion (15).
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Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labelling supplied with each device. Information for use only in countries with applicable health authority registrations. Material not intended for use in France.

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