

Navigator™ HD

Ureteral Access Sheath

Seamless transition from dilator tip to sheath designed for ease of insertion

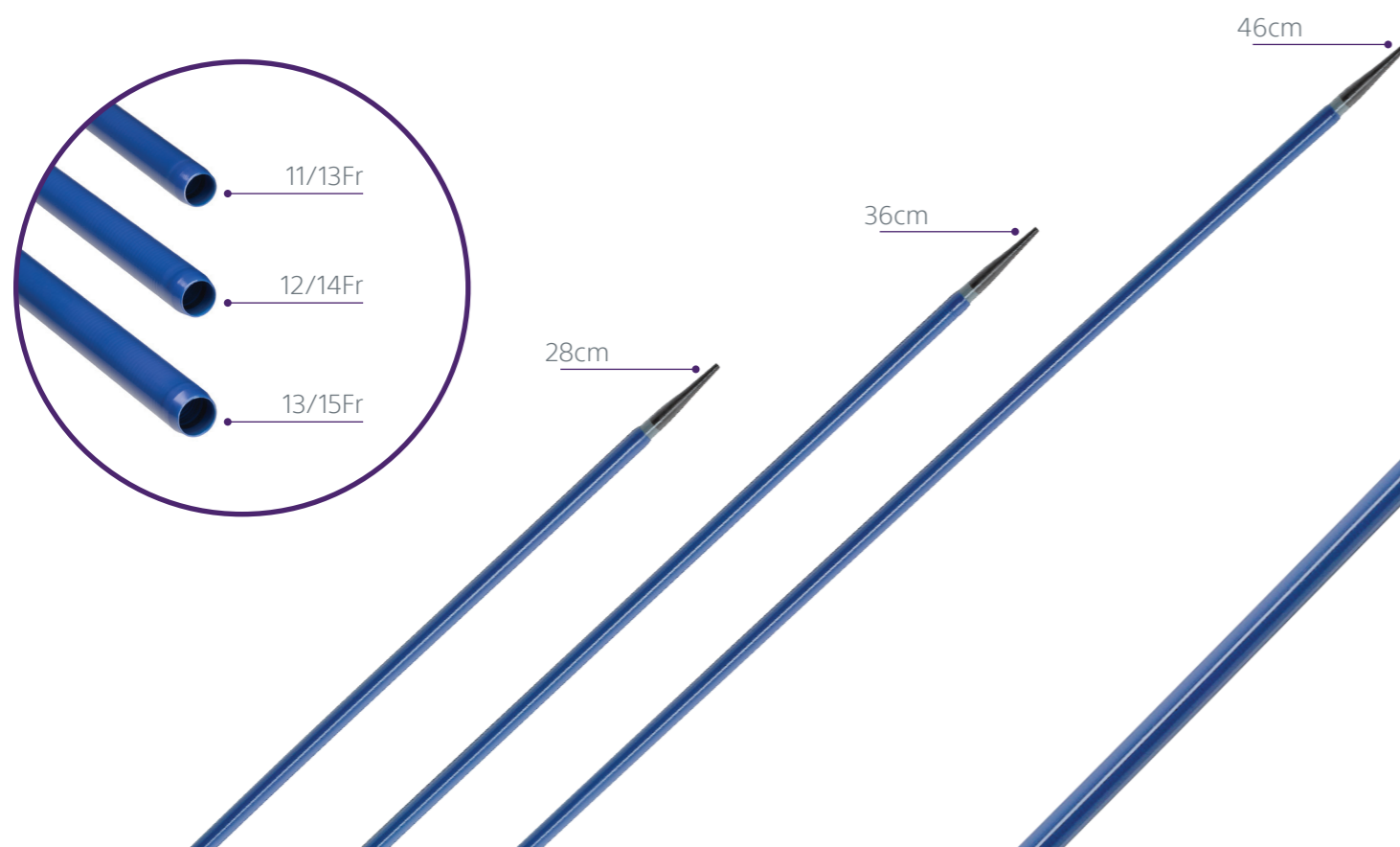
Navigator™ HD Ureteral Access Sheath

The Navigator HD Ureteral Access Sheath provides ureteral dilation and a working channel for the introduction of ureteroscopes and devices during ureteroscopic procedures. The new flexible tip, higher durometer dilator and sheath, and additional sizes provide solutions for your access needs.

Intended Benefits of a Ureteral Access Sheath

- Enables repeated instrument exchanges, while minimizing damage.¹
- Protects delicate instruments and the flexible ureteroscopes from damage, reducing costly repairs^{2,3}
- Clinically proven to reduce OR time^{1,3}
- Facilitates the navigation through tortuous anatomy⁴
- Aids in the washing out of stone fragments, facilitating complex ureteroscopic procedures and preventing over-distension of the collecting system⁵
- Improves irrigation flow and visualization while decreasing intrarenal pressure¹

Available in Multiple Sizes



Navigator™ HD Ureteral Access Sheath Features

Innovative hub design – secure single-latch mechanism for one-handed latch engagement without rotational alignment.

Hydrophilic coating – on sheath and dilator designed for ease of insertion. Improved coating is designed for durability in bilateral cases.

Kink-resistant sheath – reinforced with a stainless steel coil, designed to provide stability and strength through tortuous anatomy.⁴

Dual durometer dilator – stiffer body designed to reduce buckling to facilitate placement in tortuous ureters.^{4,6}

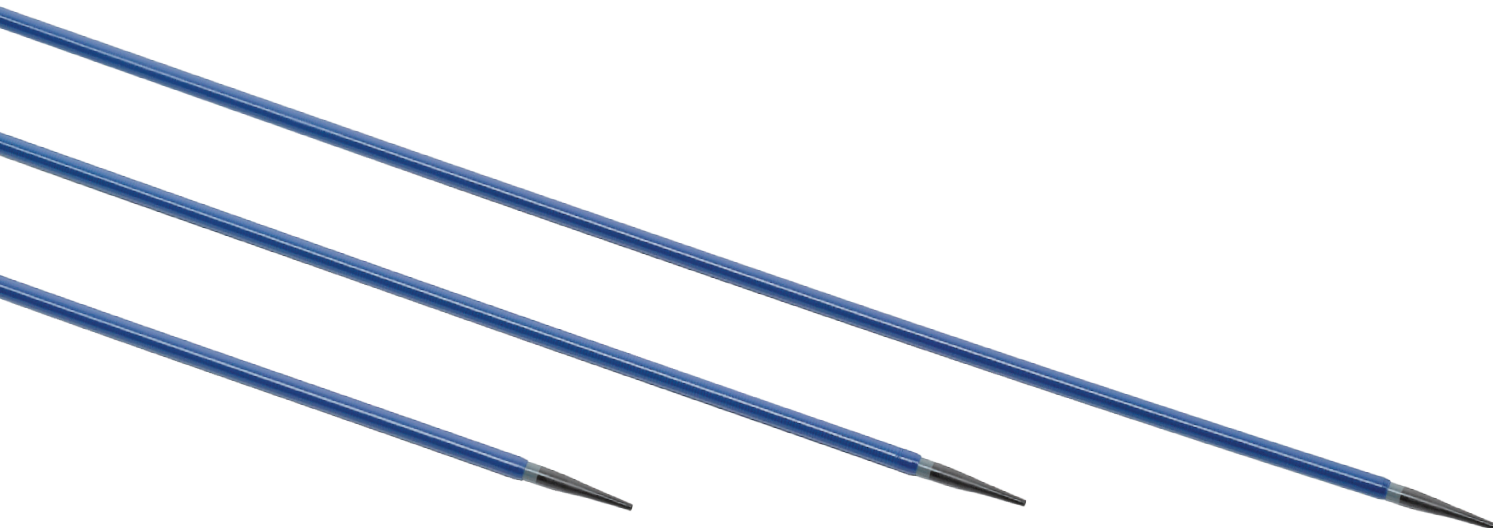
Single tapered dilator – designed to reduce potential for trauma during insertion and dilation.

Beveled edge – for a smooth transition between sheath and dilator tip.⁶

Radiopaque marker band – designed to facilitate placement of sheath tip under fluoroscopy.⁷

Navigator™ HD Ureteral Access Sheath

Order Number	Sheath Inner (Fr)	Outer Diameter (Fr)	Length (cm)
M0062502210	11	13	28
M0062502220	11	13	36
M0062502230	11	13	46
M0062502240	12	14	28
M0062502250	12	14	36
M0062502260	12	14	46
M0062502270	13	15	28
M0062502280	13	15	36
M0062502290	13	15	46



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2. Pietrow PK, Auge BK, Delvecchio FC, et al. Techniques to maximize flexible ureteroscope longevity. *Urology.* 2002 Nov;60(5):784-8.
3. Kourambas J, Byrne RR, Preminger GM. Does a ureteral access sheath facilitate ureteroscopy? *J Urol.* 2001 Mar;165(3):789-93.
4. Cinman NM, Okeke Z, Smith AD. Associated conditions and treatment of the pelvic kidney. In: Smith AD, Badlani GH, Preminger GM, Kavoussi LR eds. *Smith's Textbook of Endourology.* Blackwell Publishing;2012;(62):707-715.
5. L'esperance JO, Ekeruo WO, Scales CD Jr, et al. Effect of ureteral access sheath on stone-free rates in patients undergoing ureteroscopic management of renal calculi. *Urology.* 2005 Aug;66(2):252-5.
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7. Shah O, Hyams E. Access to the Ureter: Flexible Ureteroscopy. In: Smith AD, Badlani GH, Preminger GM, Kavoussi LR eds. *Smith's Textbook of Endourology.* Blackwell Publishing;2012(62):402-11.

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