

ClearPetra Ureteral Access Sheath

Creating a difference in healthcare



For More Information
www.bio-spectrum.com

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Patented Flexible tip, ClearPetra allows you to aspirate stones from the pyelocalyceal system.

- The **ClearPetra Ureteral Access** Sheath has an oblique side channel with pressure vent that can be connected to negative pressure aspiration.
- **ClearPetra** now also offers a **FLEXIBLE** tip that can be passively deflected 180 degrees to the lower pole calyces by the flexible ureteroscope thus allowing for efficient and effective treatment of the urinary stone.

How does ClearPetra work?

- The inflow of irrigation is through the endoscope.
- The outflow of irrigation is between the scope and the inner sheath.
- A vortex is created at the distal tip of the sheath.
- The irrigation fluid, stone fragments, dust and blood are caught in the vortex and can be aspirated out down the inner channel.
- The aspiration pressure can be controlled by the pressure vent on the oblique side port of the sheath.



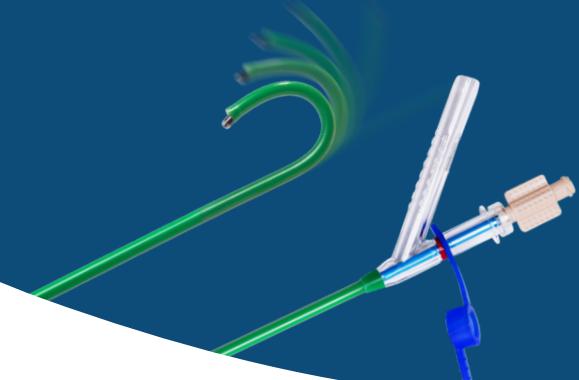
How to use ClearPetra

Set Up:

- Use a disposable flexible ureteroscope (BioSpectrum offer the Urofino 7.5Fr scope) with the ClearPetra Flexible Ureteral Access Sheath
- Select a ClearPetra sheath that is at least 2Fr larger than the flexible scope: **7Fr scope = 10Fr ClearPetra sheath.**
- Set continuous negative aspiration (suction) to 200mmHg.
- Use the continuous pressurised irrigation to 60cc/minute.
- Withdraw the scope to the marked red band on the sheath to open an unimpeded channel for the passage of large stone fragments.

Instructions for Use:

- Position the tip of the sheath as close to the stone as possible.
- Remove the inner obturator and place blue rubber cap onto the proximal straight end.
- Connect the sheath to a negative pressure aspirator/suction.
- Insert endoscope.
- Commence lithotripsy using Holmium-Yag laser .
- Pressure can be adjusted using the pressure vent on the oblique side port.
- After the surgery is complete, turn off the negative pressure aspirator and send the collection bottle for analysis.



Key Benefits

- **Maintaining Low Intra-renal Pressure and Temperature** - a vortex is created by the continuous irrigation/suction. The irrigated fluid can be effectively evacuated, thus always maintaining low intra-renal pressure and temperature, ensuring fewer complications and thermal damage.
- **High Stone Clearance** - the flexible tip of the ClearPetra can be placed in the pyelocalyceal system for better aspiration of the stone fragments even in the lower pole.
- **High Surgical Efficacy** - stone dust can be aspirated out during laser lithotripsy thus allowing improved visual field for the surgeon.
- **Reduced Retropulsion** - stone fragments will aggregate at the distal end of the ClearPetra sheath instead of scattering.
- **Treating Larger Stones** - due to the improved visual field surgeons can treat larger stones.
- **Fewer Accessory Devices Needed** - stone baskets, forceps and anti-retropulsion devices are no longer necessary as the stone fragments are aspirated out spontaneously.



Ordering Information

A - ClearPetra FLEXIBLE Ureteral Access Sheath

NHS SC Code	BioSpectrum Code	Description	Size (ID/OD x L)
Size 9.5Fr			
FUL109983	90119536	ClearPetra Ureteral Sheath 9.5Fr x 36cm	9.5Fr/11.5Fr x 36cm
FUL109982	90119540	ClearPetra Ureteral Sheath 9.5Fr x 40cm	9.5Fr/11.5Fr x 40cm
FUL109705	90119546	ClearPetra Ureteral Sheath 9.5Fr x 46cm	9.5Fr/11.5Fr x 46cm
FUL109668	90119555	ClearPetra Ureteral Sheath 9.5Fr x 55cm	9.5Fr/11.5Fr x 55cm
Size 10/12Fr			
FUL109778	90111036	ClearPetra FLEXIBLE Sheath 10Fr x 36cm	10Fr/12Fr x 36cm
FUL109789	90111040	ClearPetra FLEXIBLE Sheath 10Fr x 40cm	10Fr/12Fr x 40cm
FUL100001	90111046	ClearPetra FLEXIBLE Sheath 10Fr x 46cm	10Fr/12Fr x 46cm
FUL109804	90111055	ClearPetra FLEXIBLE Sheath 10Fr x 55cm	10Fr/12Fr x 55cm
Size: 11/13Fr			
FUL109820	90111136	ClearPetra FLEXIBLE Sheath 11Fr x 36cm	11Fr/13Fr x 36cm
FUL109661	90111140	ClearPetra FLEXIBLE Sheath 11Fr x 40cm	11Fr/13Fr x 40cm
FUL109879	90111146	ClearPetra FLEXIBLE Sheath 11Fr x 46cm	11Fr/13Fr x 46cm
FUL109944	90111155	ClearPetra FLEXIBLE Sheath 11Fr x 55cm	11Fr/13Fr x 55cm

Size: 12/14Fr

FUL109670	90111236	ClearPetra FLEXIBLE Sheath 12Fr x 36cm	12Fr/14Fr x 36cm
FUL109821	90111240	ClearPetra FLEXIBLE Sheath 12Fr x 40cm	12Fr/14Fr x 40cm
FUL109775	90111246	ClearPetra FLEXIBLE Sheath 12Fr x 46cm	12Fr/14Fr x 46cm
FUL109878	90111255	ClearPetra FLEXIBLE Sheath 12Fr x 55cm	12Fr/14Fr x 55cm

B - ClearPetra Nephrostomy Sheath (for Mini PCNL)

NHS SC Code	BioSpectrum Code	Description	Size (ID/OD x L)
FUL110051	90121613	ClearPetra Nephrostomy Sheath 16Fr x 13cm	16Fr/18Fr x 13cm
FUL110073	90121615	ClearPetra Nephrostomy Sheath 16Fr x 15cm	16Fr/18Fr x 15cm
FUL110075	90121617	ClearPetra Nephrostomy Sheath 16Fr x 17cm	16Fr/18Fr x 17cm
FUL110040	90121813	ClearPetra Nephrostomy Sheath 18Fr x 13cm	18Fr/20Fr x 13cm
TBC	90121815	ClearPetra Nephrostomy Sheath 18Fr x 15cm	18Fr/20Fr x 15cm
FUL110077	90121817	ClearPetra Nephrostomy Sheath 18Fr x 17cm	18Fr/20Fr x 17cm

C - ClearPetra Nephrostomy Sheath with Dilators Set

NHS SC Code	BioSpectrum Code	Description	Size (ID/OD x L)
FUQ85075	U04A010101	ClearPetra 16Fr 15cm Dilator Set for Mini PCNL (Dilators: 10Fr, 12Fr, 14Fr, 16Fr x 22cm)	16Fr x 15cm
FUQ85074	U04A013132	ClearPetra 18Fr x 15cm Dilator Set for Mini PCNL (Dilators: 10Fr, 12Fr, 14Fr, 16Fr, 18Fr, 22cm)	18Fr x 15cm

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