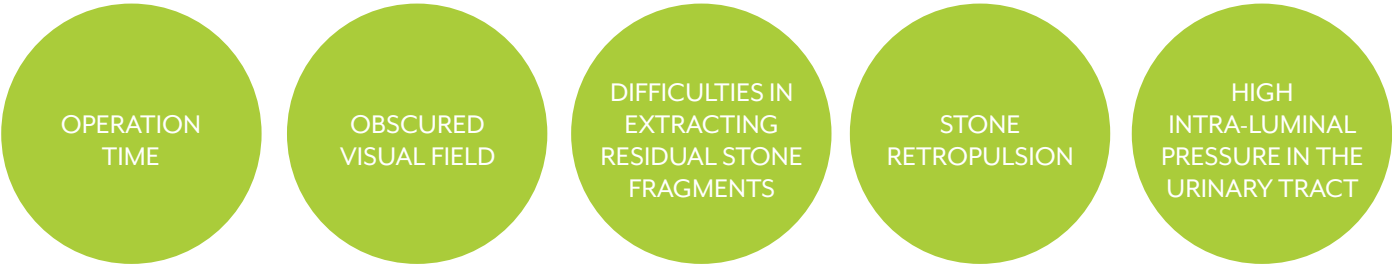


SYSTEM FOR CONTINUOUS FLOW LITHOTRIPSY **CLEARPETRA**

The ClearPetra System combines the utility of an access sheath for laser lithotripsy, with continuous flow fluid dynamics, for effective and efficient stone fragment removal. The ClearPetra system can reduce intra-luminal pressure, stone retropulsion, improve the visual field, and save operating time. A reduction in the use of additional stone removal accessories and improved procedure efficiency can significantly reduce overall procedure costs.

PROBLEMS ENCOUNTERED DURING ENDOSCOPIC LITHOTRIPSY



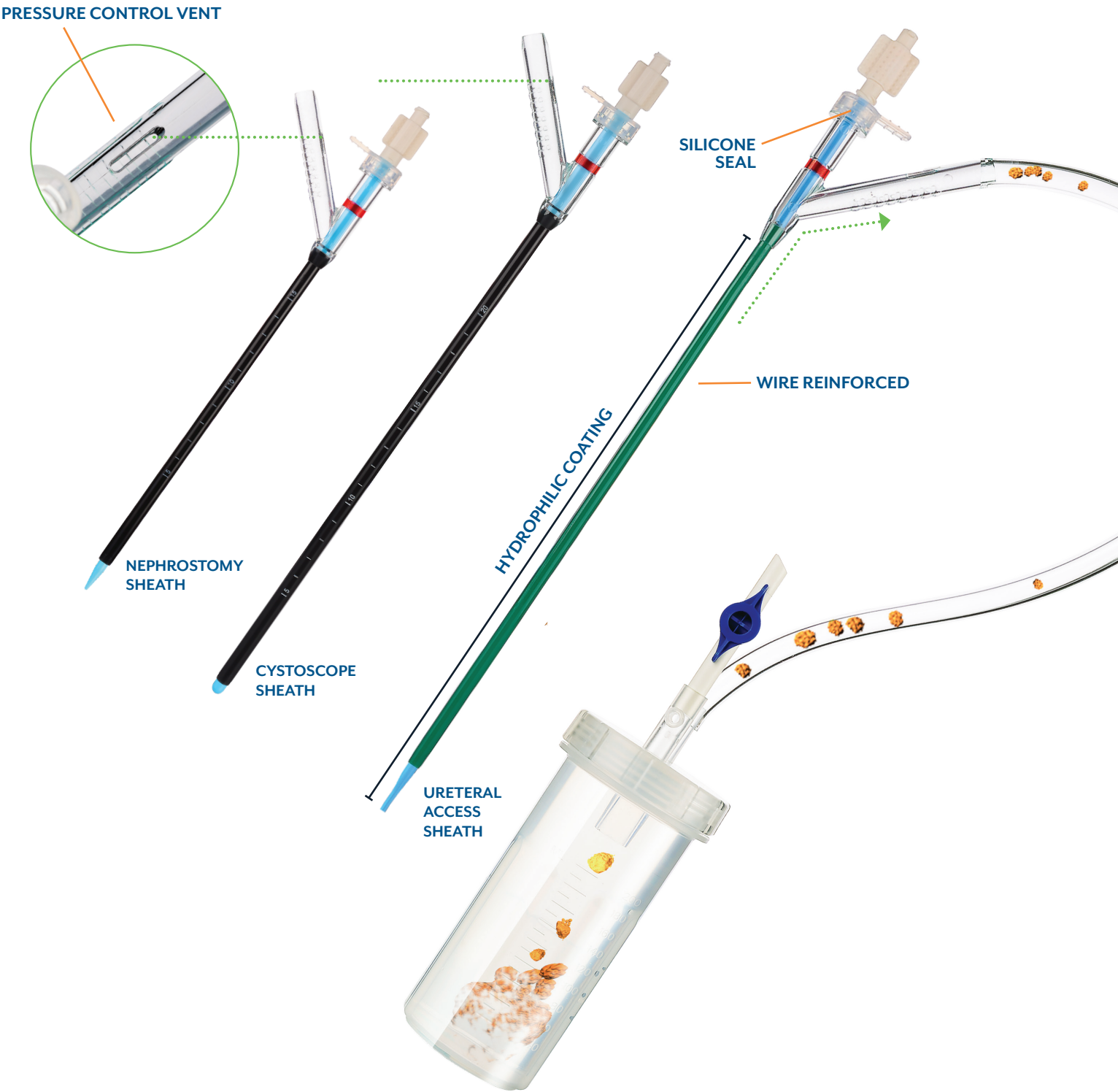
The **ClearPetra System** helps address these challenges by using the vortex created by continuous high-flow irrigation and vacuum fluid dynamics to attract and capture fragments while reducing overall urinary tract pressure.

BENEFITS

- ✓ **SHORTER PROCEDURE TIME**
By efficiently controlling and removing fragments, the total time is reduced.
- ✓ **IMPROVED VISUAL FIELD**
Under the continuous irrigation and suction, bleeding and dust storm from stone pulverization no longer obscure the visual field.
- ✓ **IMPROVED STONE CLEARANCE**
Stone fragments will aggregate at the distal end of the ClearPetra sheath instead of scattering and are removed through the oblique side port on the ClearPetra Sheath by the continuous suction.
- ✓ **NO MORE STONE RETROPULSION**
Effectively prevents retrograde stone migration with Negative Pressure Aspiration and at the same time removes the stone fragments.
- ✓ **RREDUCES INTRA-LUMINAL PRESSURE**
A vortex is created by continuous irrigation and suction. It reduces the operational (intra-luminal) pressure.
- ✓ **NO ACCESSORY DEVICE REQUIRED**
Stone baskets, forceps, and anti-retropulsion devices are no longer necessary. Under the Negative Pressure Aspiration, the stone fragments are captured and evacuated.

Improved Procedural Efficiency + Simple Solution = Reduced Cost

Another Exceptional Endoscopic Solution from Micro-Tech Endoscopy



COMPARISON OF COST OF URS

Conventional URS		URS with ClearPetra Sheath	
Instruments Needed	Cost	Instruments needed	Cost
Access Sheath		ClearPetra Sheath ONLY	
Stone Basket			
Anti-retropulsion device			

SPECIFICATIONS

CLEARPETRA URETERAL ACCESS SHEATH HYDROPHILIC COATED

Cat No.	Size (ID x OD x Length)	Cat. No.	Size (ID x OD x Length)	Cat. No.	Size (ID x OD x Length)
90111013	10/12Fr x 13 cm	90111146	11/13Fr x 46 cm	90111336	13/15Fr x 36 cm
90111026	10/12Fr x 26 cm	90111155	11/13Fr x 55 cm	90111340	13/15Fr x 40 cm
90111036	10/12Fr x 36 cm	90111213	12/14Fr x 13 cm	90111346	13/15Fr x 46cm
90111040	10/12Fr x 40 cm	90111226	12/14Fr x 26 cm	90111355	13/15Fr x 55 cm
90111046	10/12Fr x 46 cm	90111236	12/14Fr x 36 cm	90111413	14/16Fr x 13 cm
90111055	10/12Fr x 55 cm	90111240	12/14Fr x 40 cm	90111426	14/16Fr x 26 cm
90111113	11/13Fr x 13 cm	90111246	12/14Fr x 46 cm	90111436	14/16Fr x 36 cm
90111126	11/13Fr x 26 cm	90111255	12/14Fr x 55 cm	90111440	14/16Fr x 40 cm
90111136	11/13Fr x 36 cm	90111313	13/15Fr x 13 cm	90111446	14/16Fr x 46 cm
90111140	11/13Fr x 40 cm	90111326	13/15Fr x 26 cm	90111455	14/16Fr x 55 cm

CLEARPETRA NEPHROSTOMY SHEATH

Cat No.	Size (ID x OD x Length)	Cat. No.	Size (ID x OD x Length)	Cat. No.	Size (ID x OD x Length)
90121013	10/12Fr x 13 cm	90121613	16/18Fr x 13 cm	90122213	22/24Fr x 13 cm
90121015	10/12Fr x 15 cm	90121615	16/18Fr x 15 cm	90122215	22/24Fr x 15 cm
90121017	10/12Fr x 17 cm	90121617	16/18Fr x 17cm	90122217	22/24Fr x 17 cm
90121021	10/12Fr x 21 cm	90121621	16/18Fr x 21 cm	90122221	22/24Fr x 21 cm
90121213	12/14Fr x 13 cm	90121813	18/20Fr x 13 cm	90122413	24/26Fr x 13 cm
90121215	12/14Fr x 15 cm	90121815	18/20Fr x 15 cm	90122415	24/26Fr x 15 cm
90121217	12/14Fr x 17 cm	90121817	18/20Fr x 17 cm	90122417	24/26Fr x 17 cm
90121221	12/14Fr x 21 cm	90121821	18/20Fr x 21 cm	90122421	24/26Fr x 21 cm
90121413	24/26Fr x 13 cm	90122013	20/22Fr x 13 cm	90122613	26/28Fr x 13 cm
90121415	24/26Fr x 15 cm	90122015	20/22Fr x 15 cm	90122615	26/28Fr x 15 cm
90121417	24/26Fr x 17 cm	90122017	20/22Fr x 17 cm	90122617	26/28Fr x 17 cm
90121421	24/26Fr x 21 cm	90122021	20/22Fr x 21 cm	90122621	26/28Fr x 21 cm

CLEARPETRA CYTOSCOPE SHEATH

Cat No.	Size (ID x OD x Length)	Cat. No.	Size (ID x OD x Length)	Cat. No.	Size (ID x OD x Length)
90131821	18/20Fr x 21 cm	90132021	20/22Fr x 21 cm	90132221	22/24Fr x 21 cm
90131824	18/20Fr x 24 cm	90132024	20/22Fr x 24 cm	90132224	22/24Fr x 24 cm

Use endoscopes at least 3 Fr smaller and 7 cm longer than the ClearPetra sheath.

STONE COLLECTION BOTTLE

Cat No.	Size (ml)
79880140	140 ml for 10Fr – 22Fr sheath
79880141	140 ml for 24Fr – 28Fr sheath

