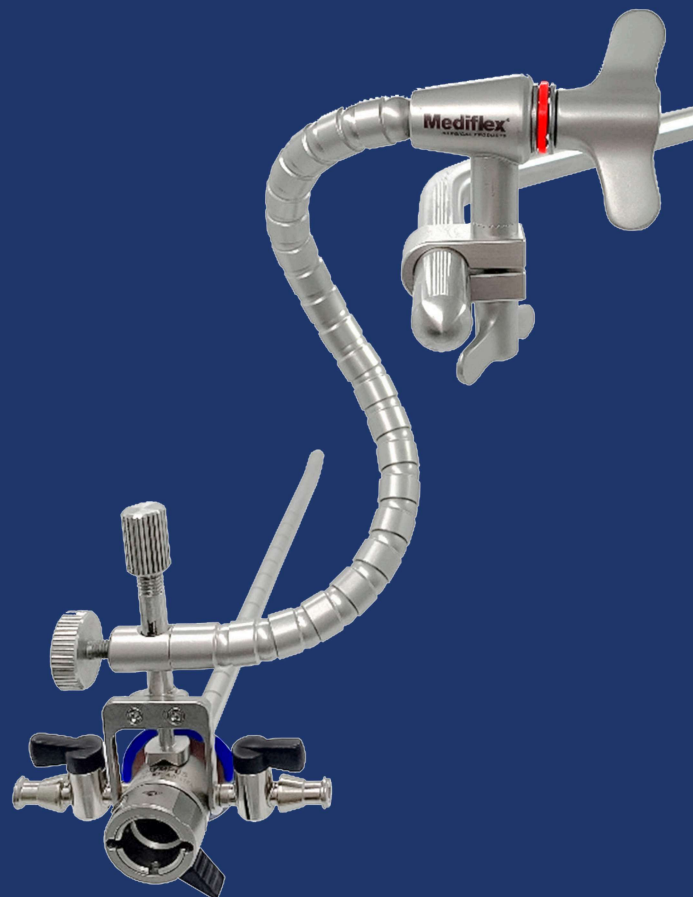




# CystoAssist<sup>®</sup>

Endourologic Stabilization System

Perform More Efficient and  
Safe Endourologic Surgery  
for Stone Management



Distribué par :

**MIKROLAND** since 1990

3, rue Blaise Pascal – (F) 52800 NOGENT. Tél : +33 (0)3 25 03 42 85 Fax : +33 (0)3 25 01 99 43  
Mail: [contact@mikroland.com](mailto:contact@mikroland.com)

[www.mikroland.com](http://www.mikroland.com)

**Mediflex<sup>®</sup>**

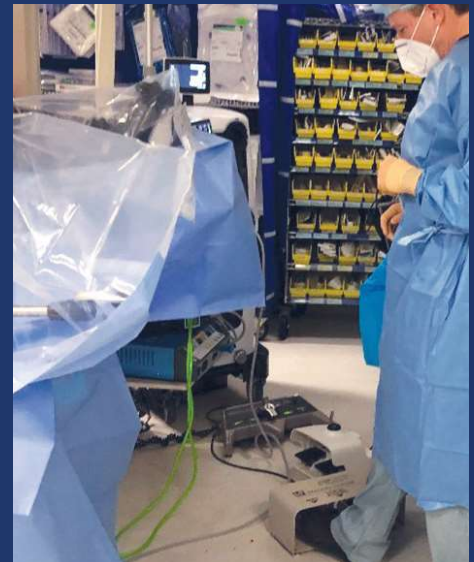
# Radiation Protection

Ionizing radiation exposure from fluoroscopy is of increasing concern for all practicing endourologists, particularly those who operate in high-volume settings and in academic teaching institutions.

Studies have confirmed that urologists are poorly aware of the risks associated with radiation exposure (RE) from endourologic procedures for stone disease. Various techniques and technologies have become available to help minimize RE to the surgeon and staff however, without physically being removed from the immediate radiation source, exposure and risks remain.

CystoAssist® supports OSHA recommendation to apply ALARA (As Low As Reasonable Achievable) principles to safely manage minimizing radiation exposure.

*“During stent placement, I was able to stand further away from the fluoroscopy source, reducing my exposure to radiation”*

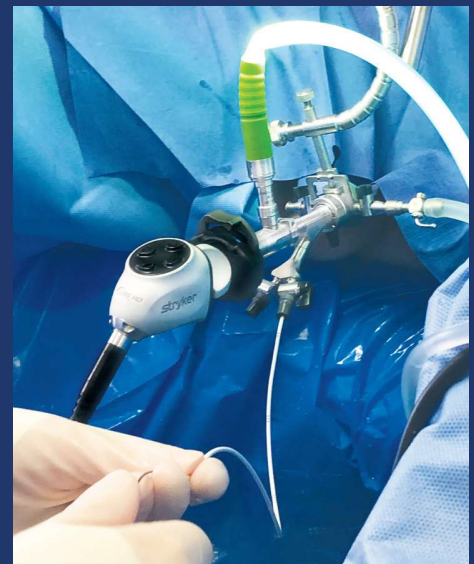


# Autonomy & Efficiency

CystoAssist® allows the surgeon to work with both hands, without an assistant to hold the scope—freeing up staff to perform other tasks as needed resulting in enhanced OR efficiency.

During off-hours, the nursing team may not be familiar with urology cases and CystoAssist® can reduce stress and procedure time.

*“CystoAssist facilitates passage of the stent without an assistant as I could hold the working wire and advance the stent without having to have a hand on the scope”*



# Staff Safety

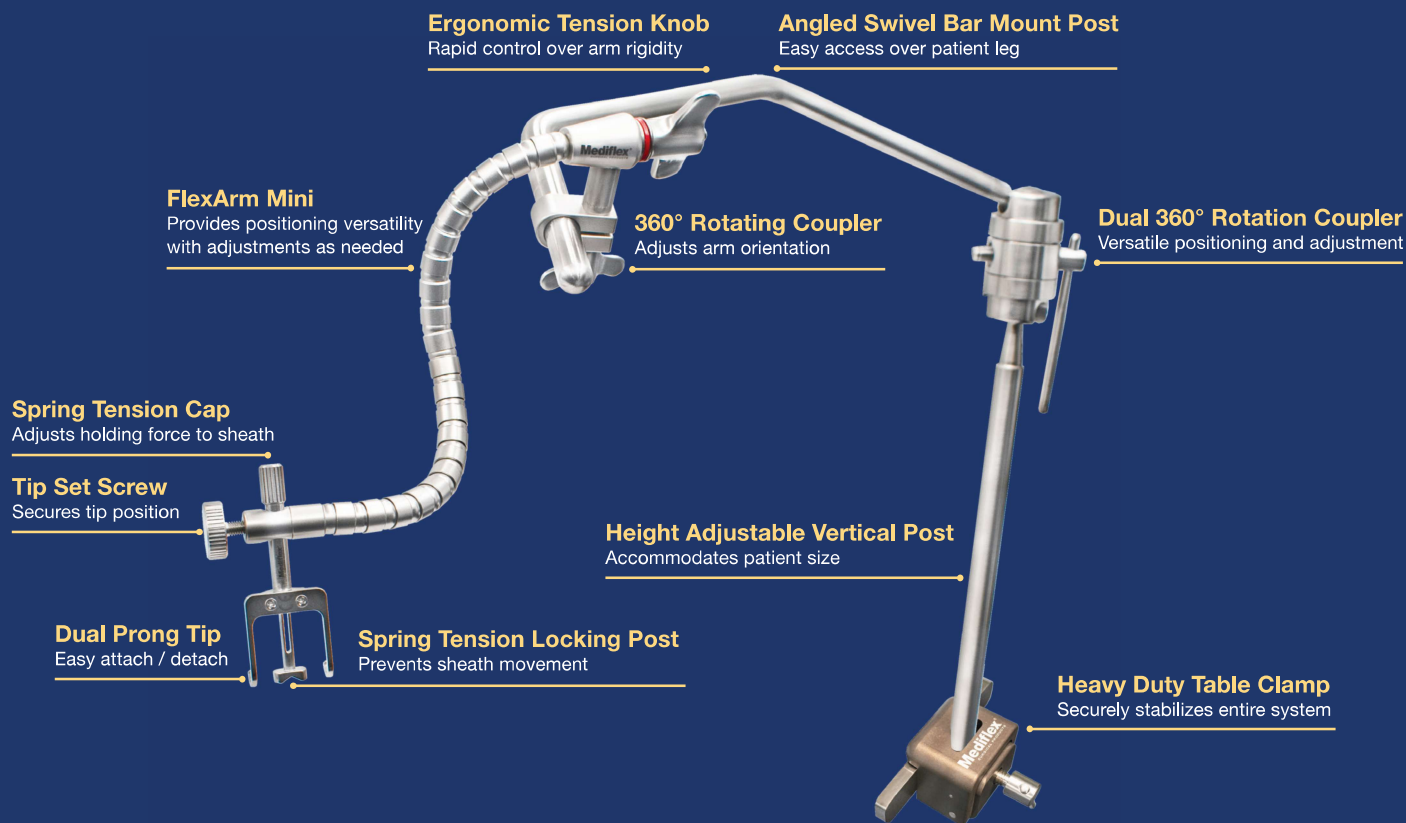
CystoAssist® eliminates awkward staff positioning while performing endoscopy—reducing stress and fatigue of an assistant or eventual injury.

**Nurses and assistants were offered to participate in an anonymous survey during clinical trials of CystoAssist®. Following are the survey questions and responses:**

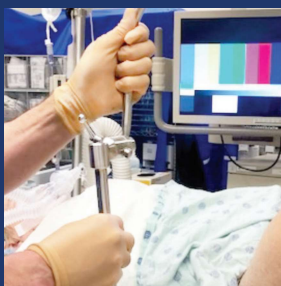
| SURVEY QUESTION                                                                                                                 |            |
|---------------------------------------------------------------------------------------------------------------------------------|------------|
| Do you find holding the cystoscope puts you in ergonomically difficult position where you have to stand in an unnatural manner? | <b>YES</b> |
| Do you ever experience back or shoulder pain while holding the cystoscope?                                                      | <b>YES</b> |
| Does holding the cystoscope for the surgeon create stress or anxiety for you?                                                   | <b>YES</b> |
| Does holding the cystoscope reduce your ability to assist or hand the surgeon supplies?                                         | <b>YES</b> |
| Do you think CystoAssist would help you use your time more efficiently?                                                         | <b>YES</b> |



CystoAssist® is an innovative, low profile table-mounted stabilization platform which offers versatility in positioning and intraoperative adjustments —affording ease of use by the doctor, without an assistant.



Simple set-up allows for rapid assembly while the patient is being prepped for readiness once CystoAssist® is needed.



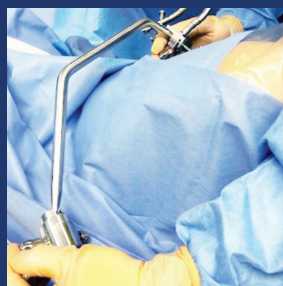
**TABLE MOUNTING**

The Table Clamp is attached to side rail and Mount Post is connected.



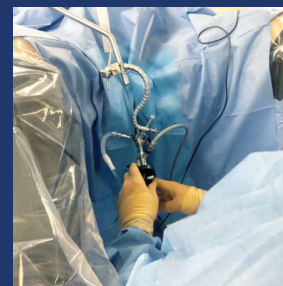
**ASSEMBLY**

The FlexArm with tip is attached to the distal Bar and covered with a sterile drape or towel.



**ADJUSTMENT**

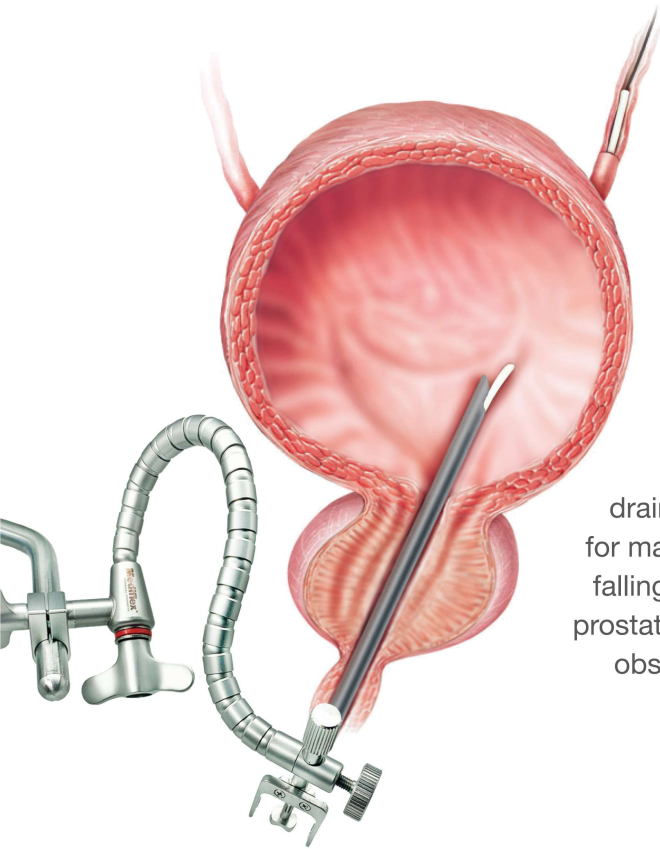
After patient is draped, the Angled Mount Post is adjusted over patients leg into position for use.



**ACCESS**

Once in the bladder and ureteric orifice is visualized, tip is attached to the cystoscope sheath to lock in access orientation.

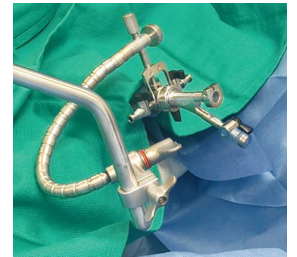
# CystoAssist® Maintains Access with Less Hands to Improve Efficiency and Reproducibility



Create a working channel into the bladder and ureter

CystoAssist® easily and rapidly attaches to the cystoscope sheath to provide a pathway to access and re-access the ureter—without an assistant, removed from radiation exposure, less trauma to anatomy with enhance procedure workflow to reduce procedure time.

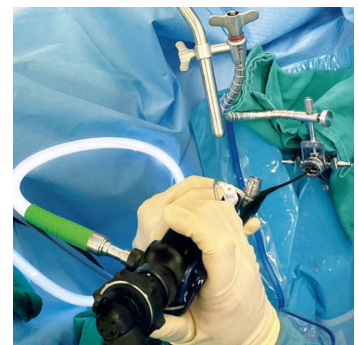
CystoAssist® allows for maintained access, drainage, irrigation or changing to the obturator for maximum flexibility. It also reduces the sheath falling out inadvertently or slipping back onto the prostatic urethra which could lead to bleeding that obscures vision, injury or a broken cystoscope.



*“I was able to use the cystoscope sheath to access the ureter without dilating and it was easy to get in and out of the ureter”*

## Facilitate flexible ureteroscopy

When the ureteroscope is aided by CystoAssist® maintaining parallel alignment, no torque on the distal ureter results in less post-op edema. All helping to get up and out—with potentially no stent needed post-op.



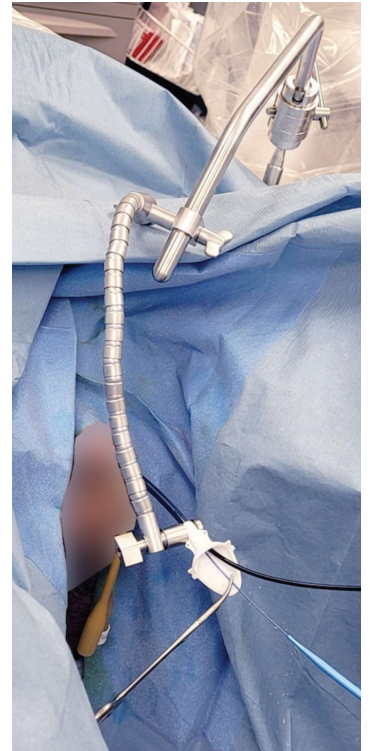
## Eliminate problems with wires, access sheaths and flexible ureteroscopes buckling in the bladder

*“The true benefit of the device is that it allowed a rigid cystoscope (sheath) to be held in position aligned with the ureteral orifice and facilitated placement of the ureteral access sheath when the sheath was previously buckling in the bladder and could not be advanced even over a super stiff wire”*



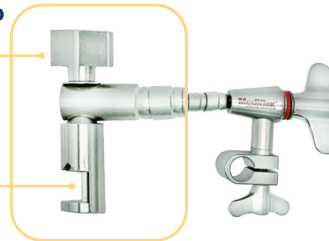
## Stabilize and secure access sheaths and guide wires

Using the Ureteral Access Sheath Stabilization Arm the sheath position is maintained while removing fragments of stone from the kidney, allowing for enhanced workflow.



**Ergonomic Tightening Knob**  
Rapid fixation to secure device

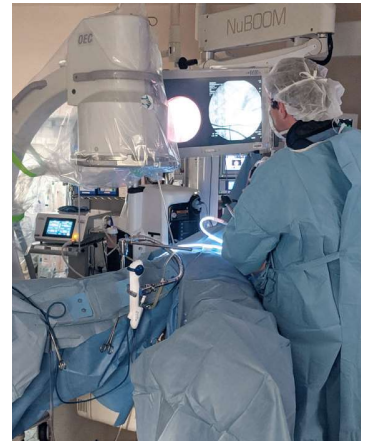
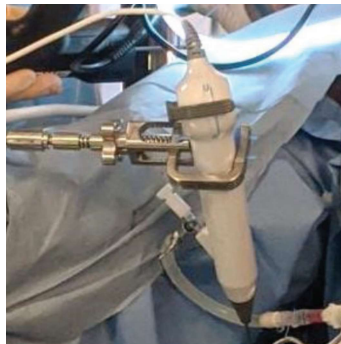
**Clamping Holding Tip**  
Capacity .25" (6mm)



Ureteral Access Sheath Stabilization Arm  
Ref. No. 87008

## Stabilize flexible ureteroscopes

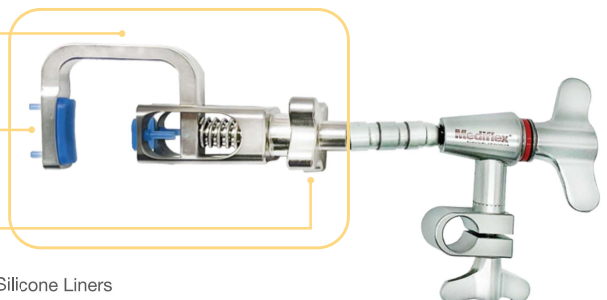
The Ureteroscope Stabilization Arm provides static holding for endoscopic access during procedures such as dusting or percutaneous nephrolithotomy (PCNL), without requiring a second surgeon or assistant.



**Flexible Scope Tip**  
Allows 3-point contact for secure scope attachment

**Silicone Liners**  
Provides grip strength to stabilize scope

**Ergonomic Tightening Knob**  
Rapid scope connection



Ureteroscope Stabilization Arm with Silicone Liners  
Ref. Nos: 87007, 99706-SL

# CystoAssist® Product Line

| REF. NO.  | DESCRIPTION                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------|
| 87000     | CystoAssist System includes: FlexArm Mini, with Holding Tip w/spare cap, Mount Post, and Rail Clamp |
| 87001     | CystoAssist FlexArm Mini with Holding Tip (FlexArm and Tip only)                                    |
| 87002     | CystoAssist FlexArm Mini (FlexArm only) no Tip                                                      |
| 87003-CAP | CystoAssist Tip Replacement Tensioning Cap                                                          |
| 87003     | CystoAssist Holding Tip (Tip only)                                                                  |
| 87004     | CystoAssist Mount Post with Angled Swivel Bar                                                       |
| 87005     | CystoAssist Table Rail Clamp                                                                        |
| 87006     | CystoAssist Sterilization Tray with Silicone Mat                                                    |
| 87006-AT  | CystoAssist Accessory Sterilization Tray - 3.15 x 3.15 x 1.6" (80 x 80 x 40 cm)                     |
| 87007     | Flexible Ureteroscope Stabilization Arm                                                             |
| 87008     | Ureteral Access Sheath Stabilization Arm                                                            |
| 99706-SL  | Silicone Liners, 4 ea, reusable/sterilizable (for use with 87007)                                   |

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information



## Mediflex®

250 Gibbs Road  
Islandia, New York 11749

To learn more about CystoAssist®, call **+1.631.583.6424**  
or email: [info@mediflex.com](mailto:info@mediflex.com) | [mediflex.com](http://mediflex.com)