# UROLOGY

Practical
Professional
Minimally Invasive











# COMPANY INTRODUCTION

SEPLOU is an innovator in urological surgical medical technology. Our goal is to provide innovative products designed to simplify and optimize surgical procedures and patient outcomes. Our innovation is supported by a core group of experienced business leaders, medical professionals and physicians with decades of experience.

SEPLOU supports the work of medical professionals by providing innovative minimally invasive therapeutic and diagnostic products that optimize the quality of patient care around the globe.

SEPLOU is an ISO 13485 certified company and strictly abides by ISO standard and international good manufacturing practice to produce outstanding products. All products are CE certified.



# **CONTENTS**

04	Lscope™ Single-Use Digita
	Flexible Ureteroscope

- 06 Guidewire
- 10 Ureteral Access Sheath
- 12 Urethral Dilator
- 13 Ureteral Dilator
- 14 Ureteral Dilation Balloon Catheter
- 16 Percutaneous Nephrostomy Set
- 18 Ureteral Stent Set
- 21 Nitinol Retrieval Basket
- 22 Ureteral Catheter
- 23 Surgical Adhesive Membrane
- 23 Bladder Evacuator



The Lscope™ is a Single-Use Digital Flexible Ureteroscope that meets the desires of physicians, hospitals and the patients. The scope allows easier access to the kidneys and provides high-resolution digital images and unencumbered access to the kidneys for the physicians. The patients benefit equally as well. The scope is disposable and cross contamination risk associated with reusable scopes are eliminated. In addition, the hospital eliminates all costs and risks associated with maintenance, repairs, reprocessing, desterilization, and scope availability. The Lscope™ single-use scope provides performance, piece of mind, and tangible financial benefits that have an immediate and long-term benefit to the patient, physician and hospital.

# Lscope<sup>™</sup> Single-Use Digital Flexible Ureteroscope

- Disposable & Sterile
- No Repairs
- No Sterilization
- No Reprocessing
- No Cross Contamination Risk



Slim and continuously cylindrical sheath for precise working and operating comfort.





#### >> Greater Illumination

High intensity optical fiber for homogeneous illumination.

#### >> Perfect Control

Greater sheath stiffness allows easier introduction and control of movement.

1:1 torsional stiffness.





Support Seplou endoscope during minimall invasive, provides power and processes the images for endoscope.

Synchronous multiinterface output support













# >> Impressive View

The digital imager working distance of 3mm-50mm to offer a deep field of view.

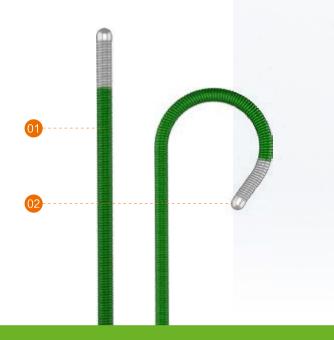
Large 3.6F ID working and irrigation channel for high irrigation performance and continuous unrestricted view.

Model	Field of view	Direction of view	Depth of field	Distal end outer diameter	Insertion tube outer diameter	Instrument channel inner diameter	Working length	Bending section angulation range	Definition
URS3006	110°	0°	3~50mm	9.0Fr	9.3 Fr	3.6 Fr	650 mm	275° UP 275° DOWN	Standard Definition
URS3016	110°	0°	3~50mm	9.0Fr	9.3 Fr	3.6 Fr	650 mm	275° UP 275° DOWN	High Definition

# **Guidewire**

# **Fixed Core Guidewire**

- Of PTFE Coating improves handling and offers a smooth wire surface to facilitate advancement and device tracking.
- **102** Stainless Steel Core wrapped in a flat wire designed to provide balanced performance.



Product Code	Length (cm)	Size	Tip
SPGW1125	150	ø0.025"	Angled
SPGW1128	150	ø0.028"	Angled
SPGW1132	150	ø0.032"	Angled
SPGW1135	150	ø0.035"	Angled
SPGW1138	150	ø0.038"	Angled
SPGW1225	150	ø0.025"	Straight
SPGW1228	150	ø0.028"	Straight
SPGW1232	150	ø0.032"	Straight
SPGW1235	150	ø0.035"	Straight
SPGW1238	150	ø0.038"	Straight

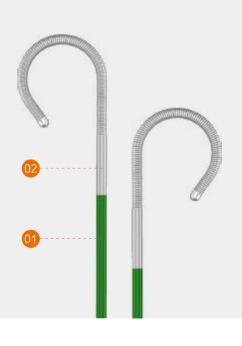


Multiple Sizes and Tips Multiples Sizes (0.025"~0.038") and multiple tips (straight and angle) to meet different procedural needs.

# **Amplatz Fixed Core Guidewire**

- 01 PTFE Coating improves handling and offers a smooth wire surface to facilitate advancement and device tracking.
- 102 Increased stiffness of the wire designed to provide stability within the urinary tract without compromising tip flexibility.
- Percutaneous placement is designed to facilitate dilatation of the percutaneous tract.

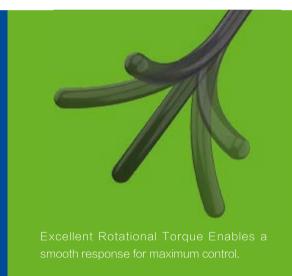
Product Code	Length (cm)	Size	Tip	Shafts
SPGW1435	70	ø0.035"	J-Tip	Super Stiff





- Hydrophilic Coating Designed to navigate ureteral strictures and facilitate tracking of urological instruments.
- Nitinol Core Offers a kink-resistant shaft for enhanced control.
- Floppy Tip Designed for reduced trauma to the ureter during advancement through the urinary tract.
- Multiple Tip Options Designed to provide the additional tip flexibility for negotiation of narrowed ureters and access beyond obstructions.
- Highly Radiopaque Jacket Designed to provide enhanced visibility under fluoroscopy and enable accurate positioning.
- Stiff and Standard Shafts The Stiff Guidewire is designed to increase pushability, help straighten tortuous anatomy and facilitate advancement of devices.

Product Code	Length (cm)	Size	Tip	Shafts
SPGW2132	150	ø0.032"	Angled	Standard
SPGW2135	150	ø0.035"	Angled	Standard
SPGW2138	150	ø0.038"	Angled	Standard
SPGW2232	150	ø0.032"	Straight	Standard
SPGW2235	150	ø0.035"	Straight	Standard
SPGW2238	150	ø0.038"	Straight	Standard
SPGW4132	150	ø0.032"	Angled	Stiff
SPGW4135	150	ø0.035"	Angled	Stiff
SPGW4138	150	ø0.038"	Angled	Stiff
SPGW4232	150	ø0.032"	Straight	Stiff
SPGW4235	150	ø0.035"	Straight	Stiff
SPGW4238	150	ø0.038"	Straight	Stiff







# **Multiple Tip Options**

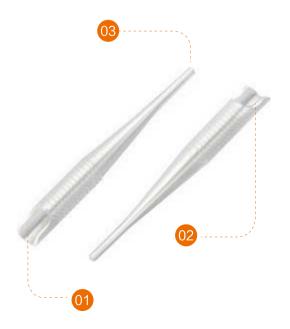
Designed to provide the additional tip flexibility for negotiation of narrowed ureters and access beyond obstructions.

Product Code	Length (cm)	Size	Tip
SPGW3232	150	ø0.032"	Angled
SPGW3235	150	ø0.035"	Angled
SPGW3132	150	ø0.032"	Straight
SPGW3135	150	ø0.035"	Straight

# Inserter

- SCOOP Proximal end has a large open trough to allow easy insertion of wire guides and other instrumentation.
- @ GRIP Exterior grooves provide a convenient grip for additional control and precise insertion.
- TIP Distal tip has a slender taper to ensure a snug fit. Can also be used to puncture the seal on an endoscopic valve. Inserter is compatible with various adapters.

Product Code	Accepts Instrumentation (Fr)	Length(cm)
SPIS1100	3.1	5





# **Zebra Nitinol Core Guidewire with Hydrophilic Tip**

- Tungsten-filled Radiopaque Tip enhances fluoroscopic visualization.
- Multiple Tip Options Designed to provide the additional tip flexibility for negotiation of narrowed. ureters and access beyond obstructions.

Product Code	Length (cm)	Size	Tip
SPGW3532	150	ø0.032"	Angled
SPGW3535	150	ø0.035"	Angled
SPGW3332	150	ø0.032"	Straight
SPGW3335	150	ø0.035"	Straight

# Hydrophilic Coating on distal 65mm designed to reduce surface friction for smooth entry, advancement and withdrawal with precise proximal handling. Nitinol Core Offers a kink-resistant shaft for enhanced control.

Yellow and

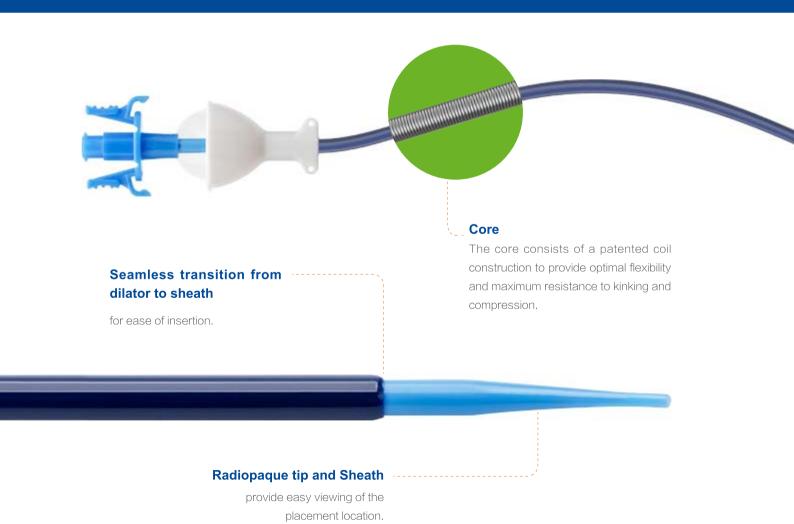
**Black striped pattern** 

visualization of wire movement.

is designed to provide clear endoscopic

# **Ureteral Access Sheath**

The sheath provides ureteral dilation and a continuous working channel for the introduction of endoscopes and instruments during ureteral access procedures. Use the sheath to reduce the potential for trauma to the ureter during repeated instrument exchanges. The continuous working channel also protects delicate instruments and flexible endoscopes from damage, which can reduce the need for costly repairs.







#### **Dilator hub**

The sheath's innovative locking mechanism on the dilator hub secures the dilator to the sheath for simultaneous advancement of the sheath and dilator.

#### **Funnel**

The ergonomic funnel acts as a handle during insertion. The large trough facilitates instrument introduction.

# **Hydrophilic coating**

allows for ease of insertion. Improved coating is designed for durability in bilateral cases.



The internal lumen is PTFE lined to facilitate smooth device delivery and removal. Thin wall construction provides the largest possible internal lumen while minimizing the outer diameter.

Product Code	Sheath Inn er (Fr)	Outer Diameter (Fr)	Length (cm)
SPAS1028	10	12	28
SPAS1035	10	12	35
SPAS1135	11	13	35
SPAS1235	12	14	35
SPAS1335	13	15	35
SPAS1435	14	16	35
SPAS1535	15	17	35
SPAS1045	10	12	45
SPAS1145	11	13	45
SPAS1245	12	14	45
SPAS1345	13	15	45
SPAS1445	14	16	45
SPAS1545	15	17	45

# **Urethral Dilator Set**

#### S~Curve Urethral Dilator Set

Used for dilation of male urethral strictures and vesical neck contractures.



S~Curve dilator design for ease passage and reduce trauma by supporting the natural curvature of the male urethra.

Smooth surface for effortless dilator advancement across tight strictures. Embossed sizes allow for quick identification and size selection.

# **Urethral Dilator Set**

#### Used for urethral dilation

Smooth surface for effortless dilator advancement across tight strictures.



Embossed sizes allow for quick identification and size selection.

#### Set

Produc	t Code	Size (Fr)	Length (cm)	Hydrophilic Coating
SPUE	0220	8 - 20	37	W/O
SPUE	0420	8 - 20	37	W/

# **Dilator Only**

Product Code	Size (Fr)	Length (cm)	Hydrophilic Coating
SPUD0122S	22	37	W/O
SPUD0124S	24	37	W/O
SPUD0126S	26	37	W/O
SPUD0322S	22	37	W/
SPUD0324S	24	37	W/
SPUD0326S	26	37	W/

#### Set

Product Code	Size (Fr)	Length (cm)	Hydrophilic Coating
SPUD0224	8 - 24	37	W/O
SPUD0424	8 - 24	37	W/

# **Dilator Only**

Product Code	Size (Fr)	Length (cm)	Hydrophilic Coating
SPUD0108	8	37	W/O
SPUD0110	10	37	W/O
SPUD0112	12	37	W/O
SPUD0114	14	37	W/O
SPUD0116	16	37	W/O
SPUD0118	18	37	W/O
SPUD0120	20	37	W/O
SPUD0122	22	37	W/O
SPUD0124	24	37	W/O
SPUD0126	26	37	W/O
SPUD0308	8	37	W/
SPUD0310	10	37	W/
SPUD0312	12	37	W/
SPUD0314	14	37	W/
SPUD0316	16	37	W/
SPUD0318	18	37	W/
SPUD0320	20	37	W/
SPUD0322	22	37	W/
SPUD0324	24	37	W/
SPUD0326	26	37	W/



# **Ureteral Dilator Set**



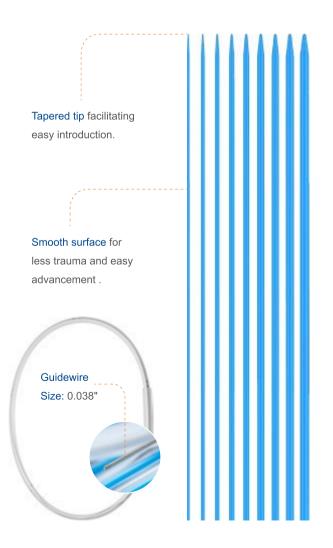
The Ureteral Dilators are used for dilation of the ureter prior to ureteroscopy and stone manipulation.

# **Dilator Only**

Product Code	Size (Fr)	Length (cm)
SPED0106	6	60
SPED0108	8	60
SPED0109	9	60
SPED0110	10	60
SPED0111	11	60
SPED0112	12	60
SPED0114	14	60
SPED0116	16	60
SPED0118	18	60

#### Set

Product Code	Size (Fr)	Length (cm)
SPED0218	6-18	60



# **Ureteral Dilation Balloon Catheter**





# **Ureteral Dilation Balloon Catheter**

#### Product Code OD (mm) Length (mm) SPDB0104 40 SPDB0204 60 SPDB0304 100 SPDB0105 40 SPDB0205 60 SPDB0305 100 SPDB0106 40 SPDB0206 60 SPDB0306 100 SPDB0107 40 SPDB0207 60 SPDB0307 100 SPDB0108 40 SPDB0208 SPDB0308 100 SPDB0110 40 SPDB0210 60 SPDB0310

# Ureteral Dilation Balloon Catheter Set (Catheter & Inflator )

Product Code	OD (mm)	Length (mm)
SPDB0104F	4	40
SPDB0204F	4	60
SPDB0304F	4	100
SPDB0105F	5	40
SPDB0205F	5	60
SPDB0305F	5	100
SPDB0106F	6	40
SPDB0206F	6	60
SPDB0306F	6	100
SPDB0107F	7	40
SPDB0207F	7	60
SPDB0307F	7	100
SPDB0108F	8	40
SPDB0208F	8	60
SPDB0308F	8	100
SPDB0110F	10	40
SPDB0210F	10	60
SPDB0310F	10	100



# Percutanceous Nephrostomy Set

# **Optional**

**⊘** Dilator

**✓** Set with Drainage Catheter

✓ Dilator & Sheath

✓ Trocar(18/20G)

**✓** Set with PTFE Guidewire

# Percutanceous Nephrostomy Set (Dilator+Shealth)

Product Codes	Dilators Size (Fr)	Sheath Size (Fr)
SPPN0108	8	8
SPPN0110	10	10
SPPN0112	12	12
SPPN0114	14	14
SPPN0116	16	16
SPPN0118	18	18
SPPN0120	20	20
SPPN0122	22	22

# Dilators constructed with Firm, kinkresistant material. Smooth surface reduces patient' s trauma.

#### Gradual taper of the distal tip

Convenient Removal

Dual knobs allow the

designed for atraumatic placement and maneuverability.

# Percutanceous Nephrostomy Set (Dilator)

Product Codes	Dilators Size (Fr)	Sheath Size (Fr)
SPPN0308	8	1
SPPN0310	8-10	1
SPPN0312	8-10-12	1
SPPN0314	8-10-12-14	1
SPPN0316	8-10-12-14-16	1
SPPN0318	8-10-12-14-16-18	/

# Percutanceous Nephrostomy Set (Ultrasonical Puncture Needle=18G/20cm)

Product Codes	Dilators Size (Fr)	Sheath Size (Fr)
SPND2024	1	1







## **Set with PTFE Guidewire**

ProductCodes	Dilators Size(Fr)	Sheath Size(Fr)	Guidewire Size(ø/cm)
SPPN0208	8	8	ø0.035"/70
SPPN0210	8-10	10	ø0.035"/70
SPPN0212	8-10-12	12	ø0.035"/70
SPPN0214	8-10-12-14	14	ø0.035"/70
SPPN0216	8-10-12-14-16	16	ø0.035"/70
SPPN0218	8-10-12-14-16-18	18	ø0.035"/70
SPPN0220	8-12-14-16-18-20	20	ø0.035"/70
SPPN0222	8-12-16-18-20-22	22	ø0.035"/70



# **Set with Drainage Catheter**

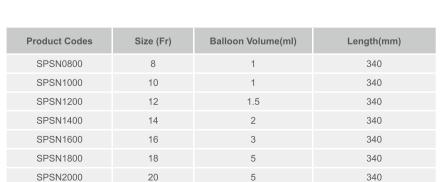
Product Codes	Dilators Size (Fr)	Sheath Size (Fr)	Drainage Catheter (ml/Fr)
SPPN0216D	8-10-12-14-16	16	2/14
SPPN0218D	8-10-12-14-16-18	18	3/16
SPPN0220D	8-12-14-16-18-20	20	5/18
SPPN0222D	8-12-16-18-20-22	22	5/20

Short tip provides effective drainage with minimum residual urine.

All Silicone Nephrostomy Balloon Catheter

Depth Mark placed at 10mm intervals between 50 and 200mm from the tip.

100% silicone will not injure tissue, thus, the continuous and efficient urination with comforts of patients can be expected.



Flat Balloon which has no difference of diameter with the shaft makes the insertion and the removal of the catheter smoothly. It reduces damage of fistula. It can be indwelt or fixed tightly within the smallest space.

# **Ureteral Stent Set**

- Options Stent and positioner–No wire guide
  - Set-Stent, positioner, and guidewire

  - Nonhydrophilic



- High retention coil
  - strength to help maintain pigtail shape and prevent stent migration.
- High radiopacity enhances visualisation under fluoroscopy.
- Available in variable length coils, Variable length coils on distal and proximal ends allow for one stent to fit various ureteral lengths.



softens up to 50% at body temperature, promoting enhanced comfort and minimal friction.

Graduated circumferential markings

every 5cm along the body of the stent to confirm advancement and placement.



#### Standard Double - J

Product Code (Open end)	Product Code (Closed end)	Size (Fr)	Length (cm)
SPUS2537	/	3.7	16
SPUS2340	SPUS2140	4	26
SPUS2347	SPUS2147	4.7	26
SPUS2350	SPUS2150	5	26
SPUS2360	SPUS2160	6	26
SPUS2370	SPUS2170	7	26
SPUS2380	SPUS2180	8	26
SPUS2440	SPUS2240	4	28
SPUS2447	SPUS2247	4.7	28
SPUS2450	SPUS2250	5	28
SPUS2460	SPUS2260	6	28
SPUS2470	SPUS2270	7	28
SPUS2480	SPUS2280	8	28



Tapered tip design

for ease of access through the ureteral orifice.





# **Hydrophilic Coating Double - J**

Product Code (Open end)	Product Code (Closed end)	Size (Fr)	Length (cm)
SPUS2537C	/	3.7	16
SPUS2340C	SPUS2140C	4	26
SPUS2347C	SPUS2147C	4.7	26
SPUS2350C	SPUS2150C	5	26
SPUS2360C	SPUS2160C	6	26
SPUS2370C	SPUS2170C	7	26
SPUS2380C	SPUS2180C	8	26
SPUS2440C	SPUS2240C	4	28
SPUS2447C	SPUS2247C	4.7	28
SPUS2450C	SPUS2250C	5	28
SPUS2460C	SPUS2260C	6	28
SPUS2470C	SPUS2270C	7	28
SPUS2480C	SPUS2280C	8	28



Lower ID/OD

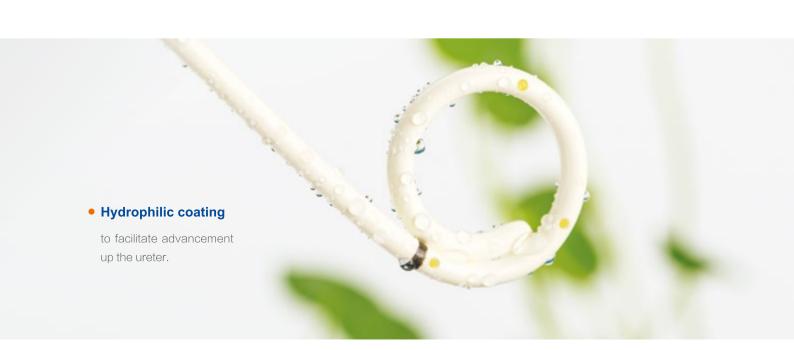


High ID/OD

 High ID/OD ratio and larger inner lumen to facilitate drainage and patency.

# Multiloop

Product Code (Open end)	Product Code (Closed end)	Size (Fr)	Length (cm)
SPUS2940	SPUS2840	4	22-32
SPUS2947	SPUS2847	4.7	22-32
SPUS2960	SPUS2860	6	22-32
SPUS2970	SPUS2870	7	22-32







Product Code (Open end)	Product Code (Closed end)	Size (Fr)	Length (cm)	Guidewire Size
SPUS2537P	1	3.7	16	ø0.025"
SPUS2340P	SPUS2140P	4	26	ø0.025"
SPUS2347P	SPUS2147P	4.7	26	ø0.035"
SPUS2350P	SPUS2150P	5	26	ø0.035"
SPUS2360P	SPUS2160P	6	26	ø0.035"
SPUS2370P	SPUS2170P	7	26	ø0.035"
SPUS2380P	SPUS2180P	8	26	ø0.038"
SPUS2440P	SPUS2240P	4	28	ø0.025"
SPUS2447P	SPUS2247P	4.7	28	ø0.035"
SPUS2450P	SPUS2250P	5	28	ø0.035"
SPUS2460P	SPUS2260P	6	28	ø0.035"
SPUS2470P	SPUS2270P	7	28	ø0.035"
SPUS2480P	SPUS2280P	8	28	ø0.038"

# **Set with Hydrophilic Guidewire**

Product Code (Open end)	Product Code (Closed end)	Size (Fr)	Length (cm)	Guidewire Size
SPUS2537H	1	3.7	16	ø0.025"
SPUS2340H	SPUS2140H	4	26	ø0.025"
SPUS2347H	SPUS2147H	4.7	26	ø0.035"
SPUS2350H	SPUS2150H	5	26	ø0.035"
SPUS2360H	SPUS2160H	6	26	ø0.035"
SPUS2370H	SPUS2170H	7	26	ø0.035"
SPUS2380H	SPUS2180H	8	26	ø0.038"
SPUS2440H	SPUS2240H	4	28	ø0.025"
SPUS2447H	SPUS2247H	4.7	28	ø0.035"
SPUS2450H	SPUS2250H	5	28	ø0.035"
SPUS2460H	SPUS2260H	6	28	ø0.035"
SPUS2470H	SPUS2270H	7	28	ø0.035"
SPUS2480H	SPUS2280H	8	28	ø0.038"



# Nitinol Retrieval Basket

Various tips to treat a variety of stone position.

High elastic nitinol material Retain its shape following extreme torsion and over multiple deployments.

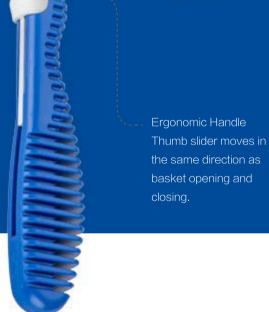




Tipless basket allows close stone approximation, and reduces the likelihood of mucosal



Tipped basket for cost-effective.



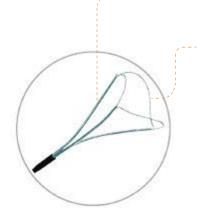
# **Grasper and Basket**

#### REACH DEEPER.

Our flexible, three-arm basket opens and closes at full deflection to reach the lower pole of the kidney in patients of tortuous anatomy.

#### CAPTURE SMALLER.

A high-performance nitinol grasper enables head-on capture of small stones.



Product Codes	Description	Size (Fr)	Length (cm)
SPRB1115	Tipless basket, 4 wires	1.5	120
SPRB1118	Tipless basket, 4 wires	1.8	120
SPRB1122	Tipless basket with disc, 4 wires	2.2	120
SPRB1317	Grasper and Basket	1.7	120
SPRB2230	Basket with tip, 4 wires	3.0	90

# **Ureteral Catheter**

# **Product Features And Purpose**

Graduated makers and radiopaque to facilitate visualization and placement.

Various sizes and tip configurations for a variety of procedures.

# **Straight Tip Closed**

Product Code	Length (cm)	Size (Fr)
SPUC0140	70	4
SPUC0150	70	5
SPUC0160	70	6
SPUC0170	70	7

### Straight Tip Open

Product Code	Length (cm)	Size (Fr)
SPUC0240	70	4
SPUC0250	70	5
SPUC0260	70	6
SPUC0270	70	7



Enclosed Luer adapter

Straight Tip Closed





**Surgical Adhesive Membrane** 

#### Ultra-thin polyurethane film backing

-easy to observe, breathable and waterproof.

Round corner design -Not easy to warp and securely fixed.

 Product Code
 Description
 Size (cm)

 SPSF0145
 Surgical Adhesive Membrane
 45x45



skin.

# **Bladder Evacuator**

Used to perform dual irrigating and tissue straining / collecting functions during transurethral, bladder and prostate surgery.

Single nozzle to adapt for use with for Storz, Wolf, ACMI and Olympus Resectoscopes.

Soft easy to squeeze bottle design allows fast and efficient removal of tissue and unwanted body fluids.

Screw top cap easy to fit.

PVC Free, Latex Free.

Product Code	Description	Size (cm)
SPBE0001	Bladder Evacuator	/

# SEPLOU, INC

Add:203 Chandler Walk Loganville, GA 30052 USA

Tel: +1(307)220-4970 Email: info@seplou.com Website: www.seplou.com

