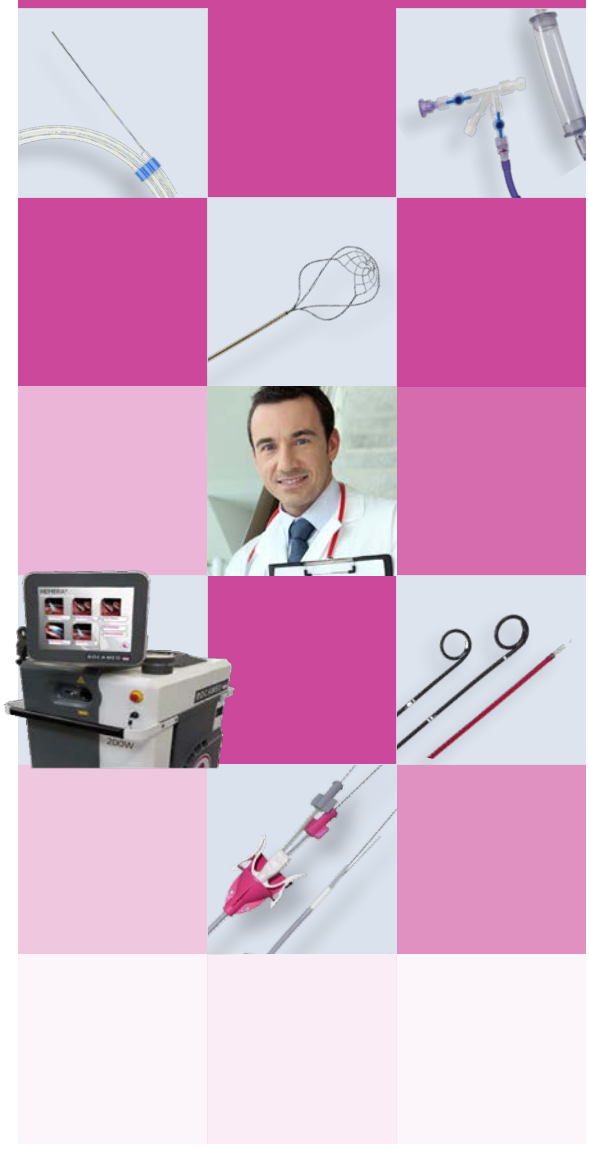
ROCAMED

PRODUCTS CATALOGUE



2019

www.rocamed.com

MKG-CT-EN-2019-0

SUMMARY

1. ENDO-UROLOGY 4
- 1.1. TraxerFlow Dual Port - Gravity Line 6
- 1.2. Rio Tracer - Rocawire 7
- 1.3. RocaWire - Nitinol & PTFE Coated Wire Guide 8
- 1.4. Bi-Flex EVO - Ureteral Access Sheath 9
- 1.5. RocaTub - Ureteral Catheter 10
- 1.6. RocaStone - Semi-rigid ureteroscopy 12
- 1.7. RocaStone - Flexible ureteroscopy 13
- 1.8. Kobot - Nitinol Stone Retrieval Basket 14
- 1.9. JJ Soft - Simple Kit & Eco Kit 16
- 1.10. JJ Soft - STIFF Kit 17
- 1.11. JJ FIRM - PolyUrethane Double Loop Ureteral Stent 18
- 1.12. JJ Soft - ENDOSIL 20
- 1.13. Multilength JJ Soft 21

2. STRICTURE 23
- 2.1. ROCA JJ Simple J 24

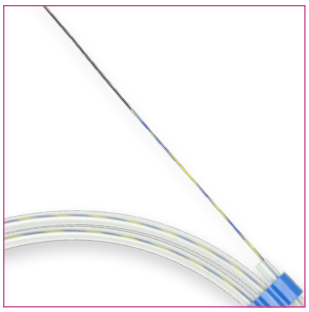
3. PERCUTANEOUS NEPHROSTOMY 27
- 3.1. RocaNephro - Needles 28
- 3.2. RocaNephro - RocaWire & Peal-Away Sheath Dilator 29
- 3.3. RocaNephro - Melcot Set 30
- 3.4. RocaNephro - Pigtail Set 31
- 3.5. RocaNephro - Pigtail Drainage (Only) 32

4. PROSTATE 35
- 4.1. RocaFlow - 3 way Silicone Prostatic Catheter 36
- 4.2. TURP Tubing Set - used with Gravity 38

5. ENDOFLOW II 41
- 5.1. Endoflow II - Dual Chamber 44
- 5.2. Endoflow II - Mono Chamber 45
- 5.3. Endoflow II in Urology 46
  - a) Ureteroscopy Tubing Set 46
  - b) Prostate Tubing Set 47
  - c) TURP Tubing Set 48
- 5.4. Endoflow II in Laparoscopy 50
  - a) Laparoscopy Tubing Set 50
  - b) Laparoscopy Probes 53
  - c) Laparoscopy Accessories 54
- 5.5. Endoflow II in Hysteroscopy 55
- 5.6. Endoflow II - Tube accessories 57

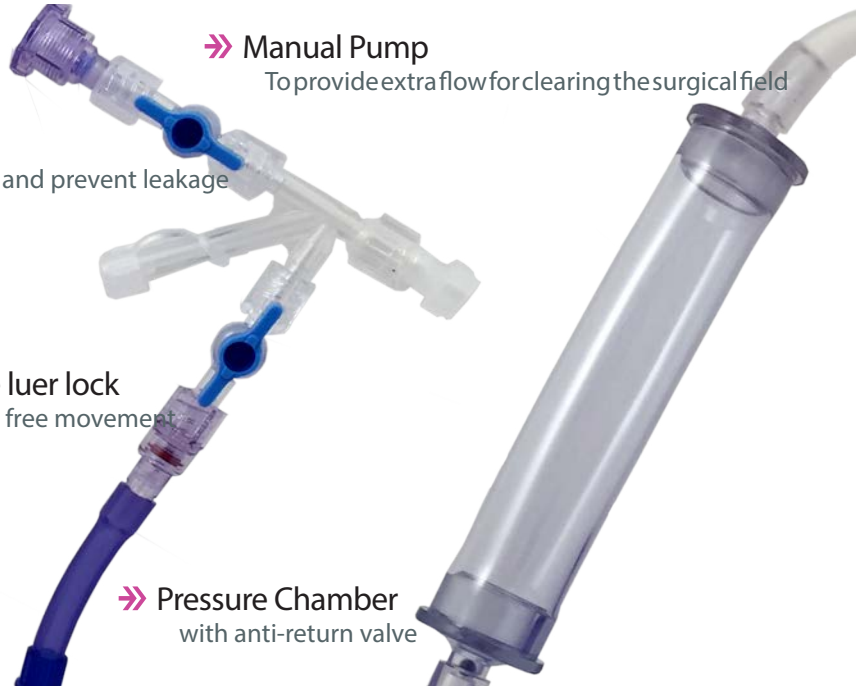
6. HEMERA™ - 200W THULIUM LASER 58

7. MH01 - 30W HOLMIUM LASER 66

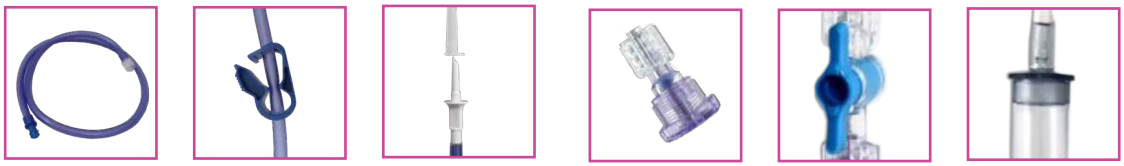


ENDO-UROLOGY

TraxerFlow™ DUAL PORT
Gravity Line

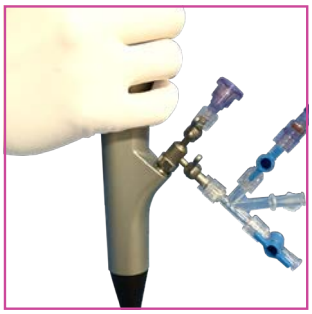


- **Manual Pump**
  To provide extra flow for clearing the surgical field
- **Tuohy-Borst seal**
  grips the laser fiber and prevent leakage
- **Rotating 360 Male luer lock**
  connection ensures free movement of the scope
- **Pressure Chamber**
  with anti-return valve

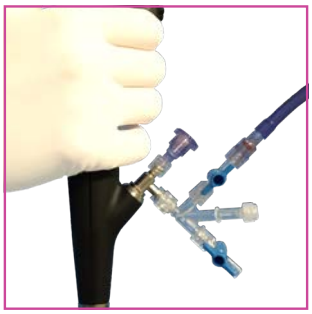


- Compatible with all principal brand of endoscope

Olympus P6



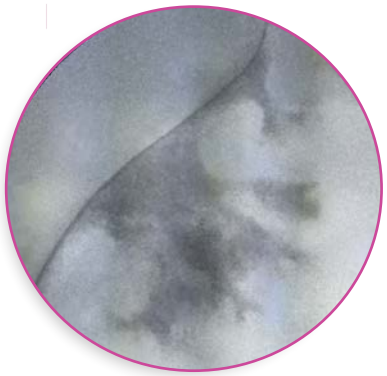
Storz

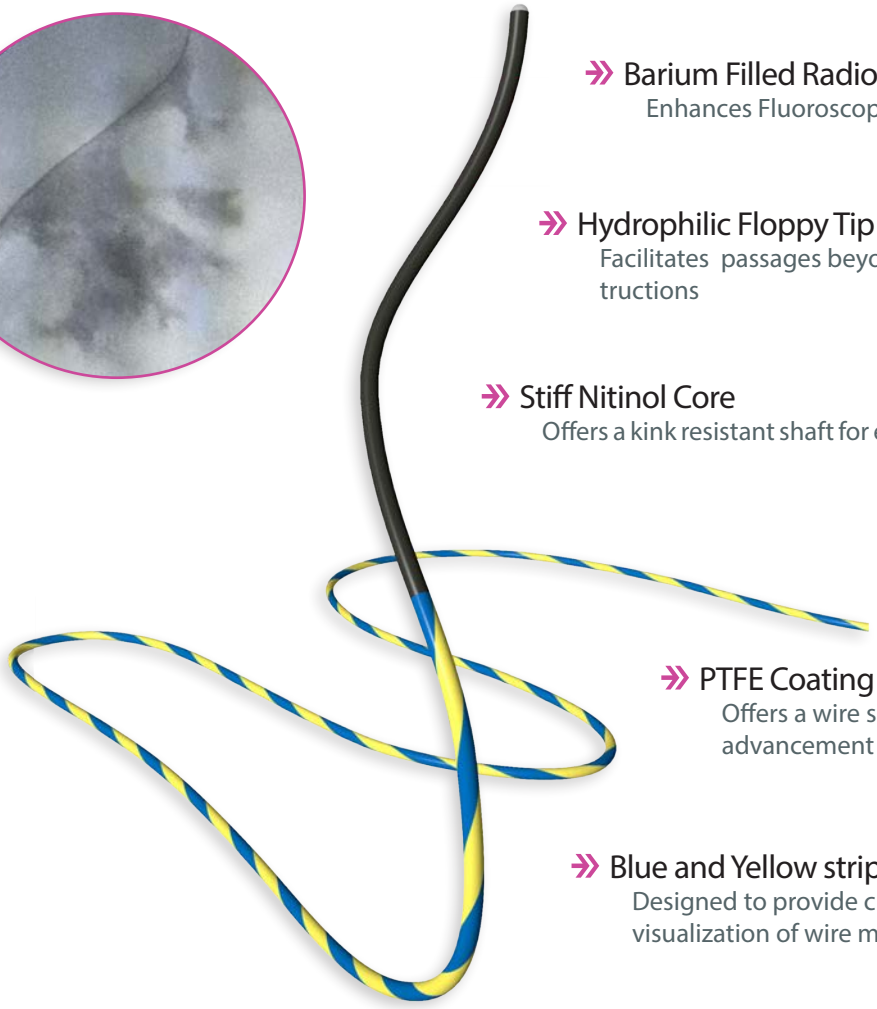


Wolf

References	
ONGT2000ST12	TraxerFlow™ DUAL PORT Irrigation Line for Ureteroscopy Laser

Rio Tracer™
Rocawire





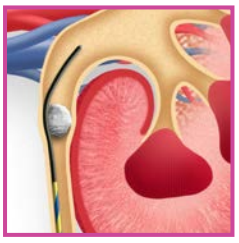
Barium Filled Radiopaque Tip
Enhances Fluoroscopic Visualization

Hydrophilic Floppy Tip
Facilitates passages beyond obstructions

Stiff Nitinol Core
Offers a kink resistant shaft for enhanced control

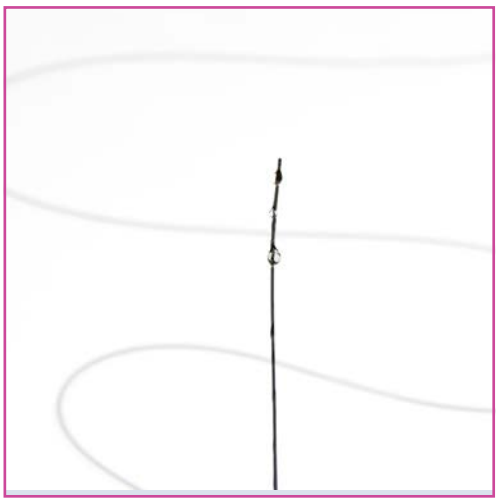
PTFE Coating
Offers a wire surface to facilitate advancement

Blue and Yellow stripped pattern
Designed to provide clear endoscopic visualization of wire movement



References	Distal Tip (3cm)	Ø (inches)	Length (cm)
ROWR3500ST	Hydrophilic Dual Flexible	0,035	150
ROWR3501ST	Hydrophilic Angled/Straight Dual Flexible		
ROWR3502ST	Hydrophilic and Floppy		

RocaWire
Nitinol & PTFE coated Wire Guide



Nitinol GuideWire

- with Polyurethane and Hydrophilic coating
- highly radiopaque

References	Distal Tip 3 cm	Length (cm)	ø Inch	Units / box
ROWP3200ST	Straight Flexible	150	0.032	10
ROWP3500ST	Straight Flexible		0.035	
ROWP3502ST	Straight Flexible - STIFF		0.035	
ROWP3503ST	Straight Flexible - LONG	180	0.035	
ROWP3510ST	"Angled" Flexible	150	0.035	
ROWP3802ST	Straight Flexible - STIFF		0.038	

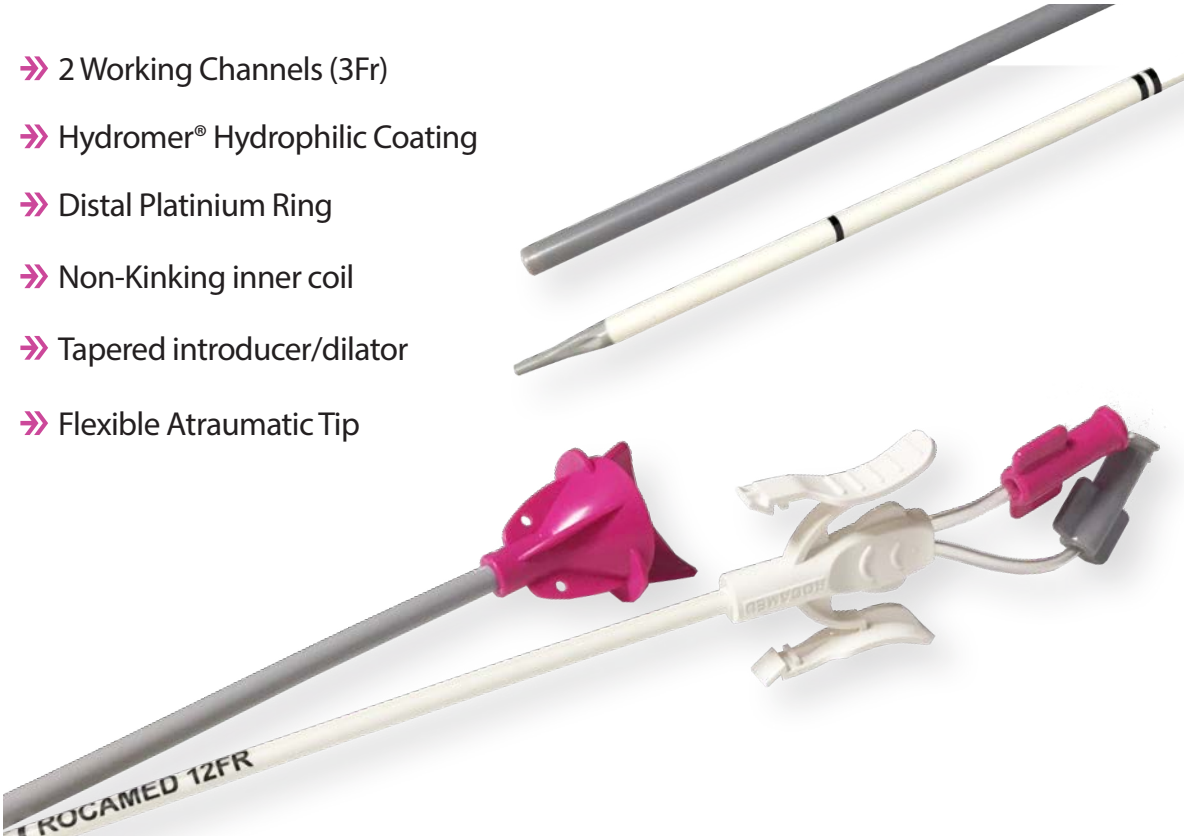
PTFE Coated

- PTFE Coated Steel GuideWire
- highly radiopaque

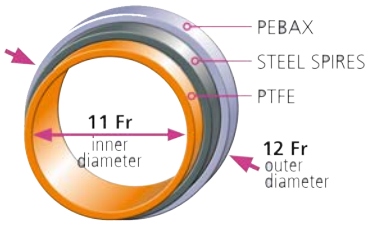
References	Distal Tip 3 cm	Length (cm)	ø Inch	Units / box
ROWG3500ST	Straight Flexible	150	0.035	10
ROWG3502ST	Removable Stylet			
ROWG3510ST	"J" Flexible			

Bi-Flex™ EVO
Ureteral Access Sheath

- 2 Working Channels (3Fr)
- Hydromer® Hydrophilic Coating
- Distal Platinium Ring
- Non-Kinking inner coil
- Tapered introducer/dilator
- Flexible Atraumatic Tip



- Improve Vision
- Reduce Pressure



THE LARGEST INNER DIAMETER OF THE MARKET

A better irrigation for a better visibility

[...]theinnerdiameterofthe10/12FRocamedBi-Flexisactually11F,sointrarenal pressureswerelowerandirrigationflowwashigher[...].Theirrigationflowmeasurements were in concordance with pressure measurements.*

We provide low intrarenal pressures with good irrigation flow by decreasing the size of ureteral access sheaths.

*T. Sener, J. Cloutier, L.Villa, F. Marson
S . Butticè, S. Doizi, and Olivier Traxer - France
Journal of Endourology, September 18, 2015

References	Ø Inner / Outer (Ch/Fr)	Length (cm)	Units / box
ROUS1035ST	10 / 12	35	1
ROUS1235ST	12 / 14	35	
ROUS1045ST	10 / 12	45	
ROUS1245ST	12 / 14	45	

RocaTub
Ureteral catheter

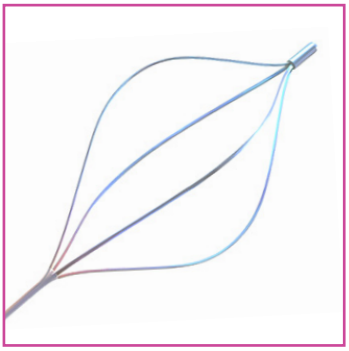
- Thermo sensitive Polyurethane Catheter
  - Hydrocoated, graduaded and radiopaque
  - Supplied with a Stylet
  - 80 cm Lenght
- Curved or Straight/Open distal tip
- 2 or No Eye

Distal Tip		4 Fr	5 Fr	6 Fr	7 Fr	8 Fr
Staight / Open	2 eyes	ROTA4200ST	ROTA5200ST	ROTA6200ST	ROTA7200ST	ROTA8200ST
Staight / Open	No eye	ROTG4000ST	ROTG5000ST	ROTG6000ST	ROTG7000ST	ROTG8000ST
Curved / Open	No eye	ROTH4000ST	ROTH5000ST	ROTH6000ST	ROTH7000ST	ROTH8000ST

RocaStone

Designed for semi-rigid ureteroscopy

» Removable Ergonomic Handle



» Nitinol Flat Wire
- 120 cm Length
- 90 cm Length

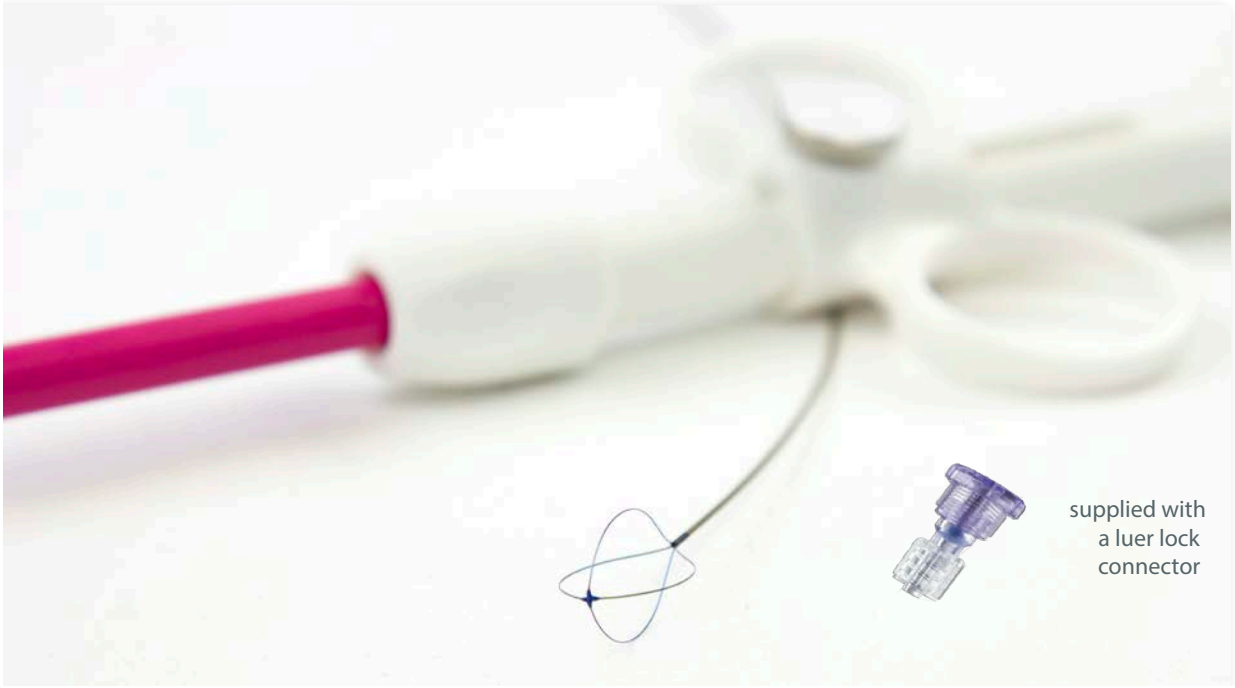
» Nitinol Helical Wire
- 120 cm Length
- 90 cm Length

» 4 Wires Basket

References	Basket	Size (Fr)	Basket Length (mm)	Length (cm)	Units/ box	Description
ROSH2500ST	Helical	2.5	16	120	1	Rocastone extractor
ROSH4000ST	Helical	4.0	16	120	1	
ROSS2500ST	Straight	2.5	16	120	1	
ROSS4000ST	Straight	4.0	16	120	1	
ROSH2590ST	Helical	2.5	16	90	1	
ROSS2590ST	Straight	2.5	16	90	1	

RocaStone

Designed for flexible ureteroscopy



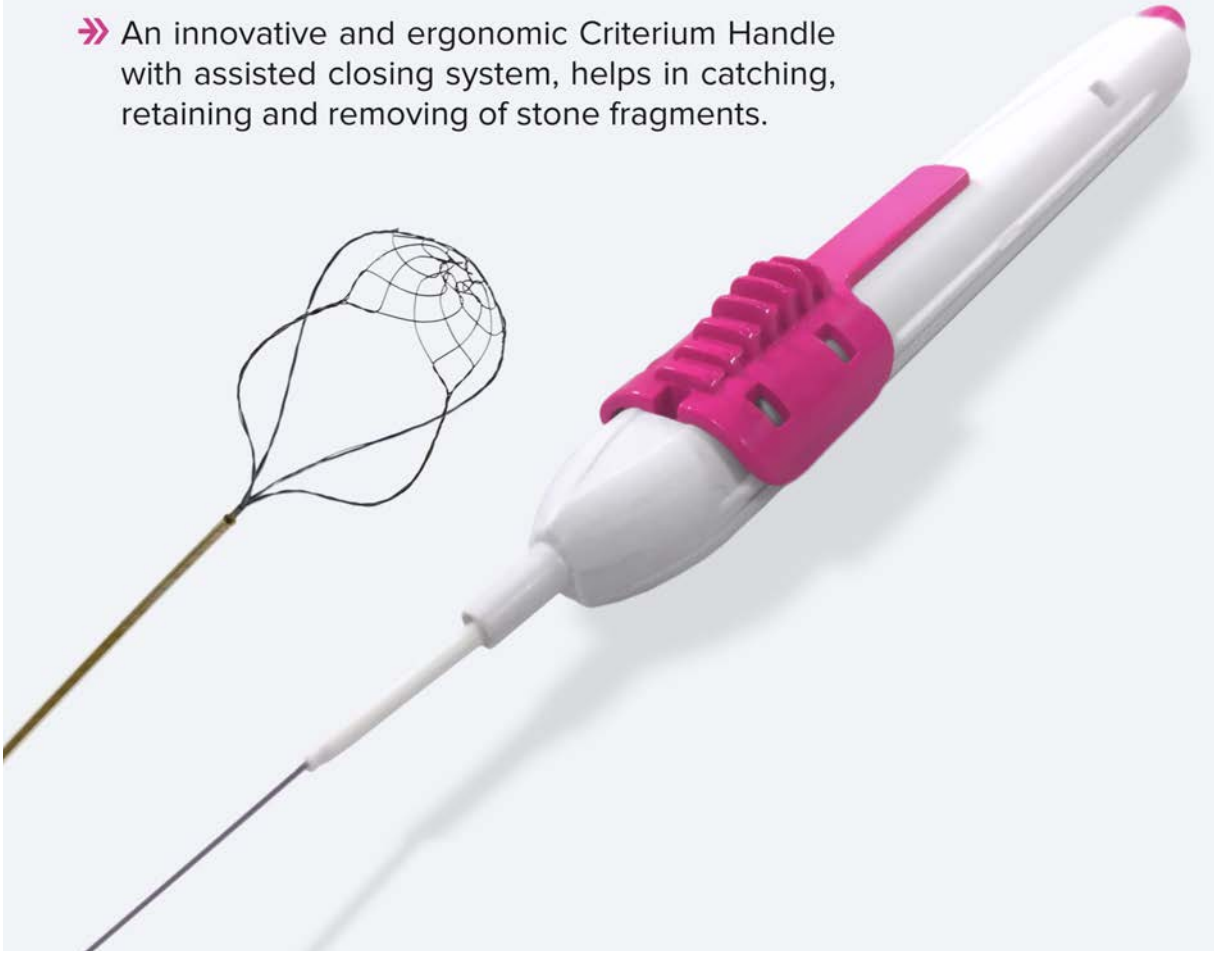
- Size starting from 1.3 Fr, 1.9 Fr & 2.2 Fr
- Nitinol 4 Wires Basket
  - 120 cm length

References	Size (Fr)	Ø Basket (mm)	Basket Length (mm)	Description
ROSZ1300ST	1.3	12	22.0	Tipless Stone Extractors
ROSZ1900ST	1.9	16	22.5	
ROSZ2200ST	2.2	16	22.5	

Kobot

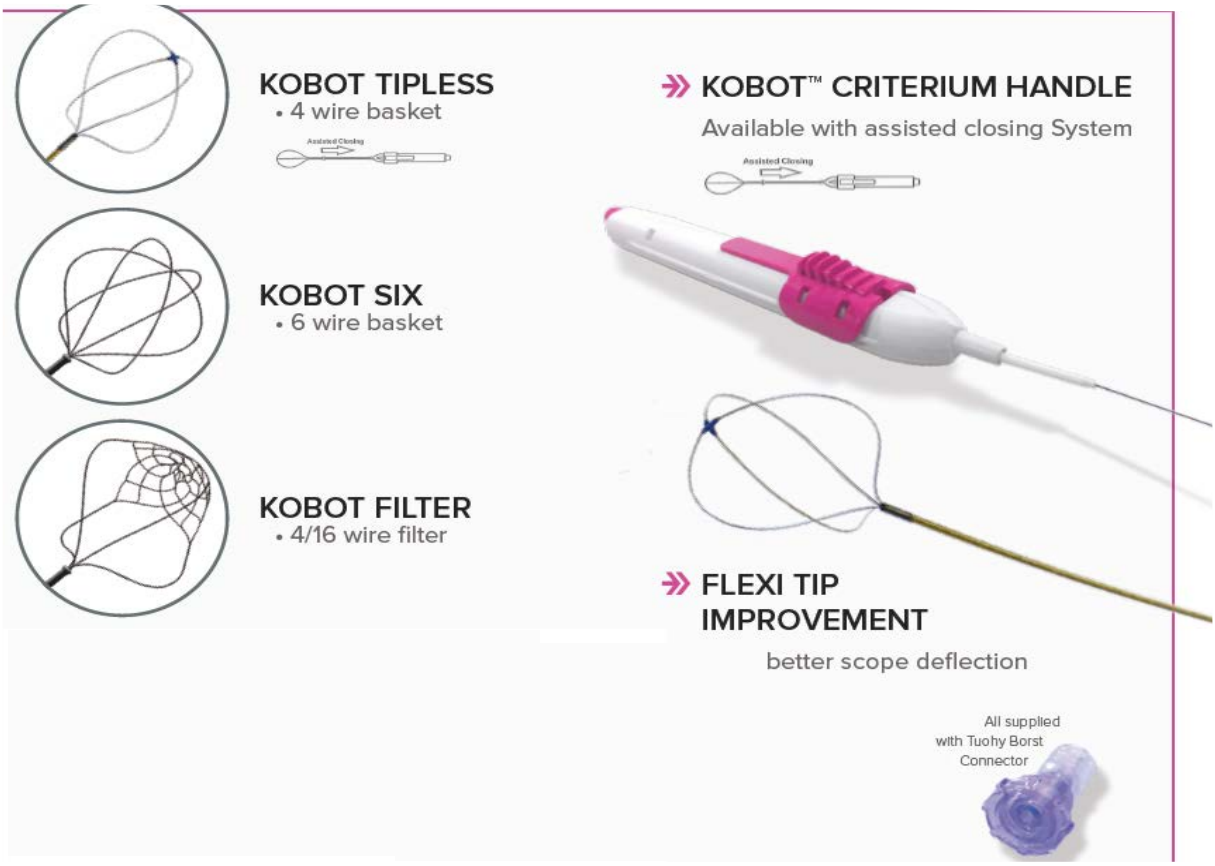
Nitinol Stone Retrieval Tipless Basket

- A new range of Stone Retrieval Baskets in line with the concept Of Cobotic. These baskets are diversified, effective and integral to the working of the surgeon and his assistants and allows for maximize performance.
- An innovative and ergonomic Criterium Handle with assisted closing system, helps in catching, retaining and removing of stone fragments.



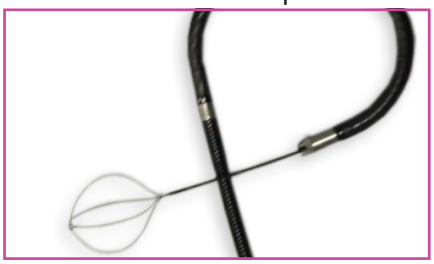
Kobot

Nitinol Stone Retrieval Tipless Basket



Without Flexi-Tip

With Flexi-Tip



Reference	Size Fr	Wire	Working Lenght (cm)	Basket Ø (mm)	Basket Lenght (mm)	Description
ROSZ1930ST	1.9	4	120	12	17.5	Kobot TIPLESS
ROSZ1940ST	1.9	4	120	12	17.5	Kobot TIPLESS with assisted Closing system
ROKT1800ST	1.8	4/16	120	14	18	Kobot FILTER
ROKS1700ST	1.7	6	120	11	15	Kobot SIX

JJ Soft Simple Kit & Eco Kit
PolyUrethane Double Loop Ureteral Stent

With PTFE Guide Wire
Simple KIT

- PTFE Guide Wire

- Thermo sensitive Polyurethane
- Retrieval tether
- Up to 12 months indwelling
- Highly radiopaque

- Simple Pusher

Simple Kit	Guide Wire	24 cm	26 cm	28 cm	30 cm
4,8 Ch/Fr	Ø 0,035i PTFE	ROJS0524ST	ROJS0526ST	ROJS0528ST	ROJS0530ST
6,0 Ch/Fr		ROJS0624ST	ROJS0626ST	ROJS0628ST	ROJS0630ST
7,0 Ch/Fr		ROJS0724ST	ROJS0726ST	ROJS0728ST	ROJS0730ST
8,0 Ch/Fr		ROJS0824ST	ROJS0826ST	ROJS0828ST	ROJS0830ST

Kit composition (1 unit / box) :
Polyurethane Ureteral Double J Stent (4.8>8Fr)
40 cm Length simple pusher with radiopaque ring (supplied with 4.8>8 Fr JJ)
70 cm Length simple pusher with radiopaque ring (supplied with 4,8 Fr JJ)
PTFE-coated Steel Guidewire Ø 0.035i

Without Guide Wire
Eco KIT

- Thermo sensitive Polyurethane
- Retrieval tether
- Up to 12 months indwelling
- Highly radiopaque

- Simple Pusher

Eco Kit	Guide Wire	24 cm	26 cm	28 cm	30 cm
4,8 Ch/Fr	NO	ROJS9524ST	ROJS9526ST	ROJS9528ST	ROJS9530ST
6,0 Ch/Fr		ROJS9624ST	ROJS9626ST	ROJS9628ST	ROJS9630ST
7,0 Ch/Fr		ROJS9724ST	ROJS9726ST	ROJS9728ST	ROJS9730ST
8,0 Ch/Fr		ROJS9824ST	ROJS9826ST	ROJS9828ST	ROJS9830ST

Kit composition (1 unit / box) :
Polyurethane Ureteral Double J Stent (4.8>8Fr)
40 cm Length simple pusher with radiopaque ring (supplied with 4.8>8 Fr JJ)
70 cm Length simple pusher with radiopaque ring (supplied with 4,8 Fr JJ)
No Guidewire

JJ Soft Stiff Kit
PolyUrethane Double Loop Ureteral Stent

- Retrieval tether
- Up to 12 months indwelling
- Highly radiopaque

STIFF Kit	Guide Wire	24 cm	26 cm	28 cm	30 cm
4,8 Ch/Fr	Ø 0,035i Nitinol STIFF	ROJG9524ST	ROJG9526ST	ROJG9528ST	ROJG9530ST
6,0 Ch/Fr		ROJG9624ST	ROJG9626ST	ROJG9628ST	ROJG9630ST
7,0 Ch/Fr		ROJG9724ST	ROJG9726ST	ROJG9728ST	ROJG9730ST
8,0 Ch/Fr		ROJG9824ST	ROJG9826ST	ROJG9828ST	ROJG9830ST

Kit composition (1 unit / box) :

Polyurethane Ureteral Double J Stent (4.8>8Fr)
40 cm Length Connectable pusher with radiopaque ring (supplied with 6>8 FrJJ)
40 cm +70 cm Length simple pushers (supplied with 4.8 Fr JJ)
STIFF Hydro-coated Nitinol Guidewire Ø 0.035i

JJ FIRM
PolyUrethane Double Loop Ureteral Stent

STIFF KIT - With Nitinol Guide Wire

STIFF Nitinol Guide Wire

New Connectable Pusher

- Thermo sensitive Polyurethane
- Retrieval tether
- Up to 12 months indwelling
- Highly radiopaque

STIFF KIT	Guide Wire	24 cm	26 cm	28 cm
6,0 Ch/Fr	Ø 0,035i Nitinol STIFF	ROJF9624ST	ROJF9626ST	ROJF9628ST
7,0 Ch/Fr		ROJF9724ST	ROJF9726ST	ROJF9728ST

Kit composition (1 unit / box) :
PU Ureteral Stent / Connectable stent pusher with radiopaque ring (40cm length)/Nitinol Guide Wire (STIFF Ø 0.035i)/ Patient paper record

SIMPLE KIT - With PTFE Guide Wire

PTFE Guide Wire

Simple Pusher

- Thermo sensitive Polyurethane
- Retrieval tether
- Up to 12 months indwelling
- Highly radiopaque

STIFF KIT	Guide Wire	24 cm	26 cm	28 cm
6,0 Ch/Fr	Ø 0,035i PTFE	ROJF0624ST	ROJF0626ST	ROJF0628ST
7,0 Ch/Fr		ROJF0724ST	ROJF0726ST	ROJF0728ST

Kit composition (1 unit / box) :
PU Ureteral Stent / Simple stent pusher with radiopaque ring (40cm length)/PTFE Guide Wire (STIFF Ø 0.035i)/ Patient paper record

JJ FIRM
PolyUrethane Double Loop Ureteral Stent

ECO CONNECT KIT - Without Guide Wire

- Thermo sensitive Polyurethane
- Retrieval tether
- Up to 12 months indwelling
- Highly radiopaque
- New Connectable Pusher

STIFF KIT	Guide Wire	24 cm	26 cm	28 cm
6,0 Ch/Fr	NO	ROJF2624ST	ROJF2626ST	ROJF2628ST
7,0 Ch/Fr		ROJF2724ST	ROJF2726ST	ROJF2728ST

Kit composition (1 unit / box) :
PU Ureteral Stent / Connectable stent pusher with radiopaque ring (40cm length)/ Patient paper record/ Without Guide Wire

ECO KIT - Without Guide Wire

- Thermo sensitive Polyurethane
- Retrieval tether
- Up to 12 months indwelling
- Highly radiopaque
- Simple Pusher

STIFF KIT	Guide Wire	24 cm	26 cm	28 cm
6,0 Ch/Fr	NO	ROJF5624ST	ROJF5626ST	ROJF5628ST
7,0 Ch/Fr		ROJF5724ST	ROJF5726ST	ROJF5728ST

Kit composition (1 unit / box) :
PU Ureteral Stent / Simple stent pusher with radiopaque ring (40cm length)/ Patient paper record/Without guide wire

ENDOSIL
Silicone Double Loop Ureteral Stent

« STIFF Nitinol Guide Wire

STIFF Kit	Guide Wire	24 cm	26 cm	28 cm	30 cm	Units / box
4,8 Ch/Fr	Ø 0,035i Nitinol STIFF	ROJB9524ST	ROJB9526ST	ROJB9528ST	ROJB9530ST	6
6,0 Ch/Fr		ROJB9624ST	ROJB9626ST	ROJB9628ST	ROJB9630ST	
7,0 Ch/Fr		ROJB9724ST	ROJB9726ST	ROJB9728ST	ROJB9730ST	
8,0 Ch/Fr		ROJB9824ST	ROJB9826ST	ROJB9828ST	ROJB9830ST	

Kit composition (1 unit / box) :
Silicone Ureteral Double J Stent (4.8>8Fr)
40 cm Length Connectable pusher with radiopaque ring (supplied with 6>8 FrJJ)
40 cm +70 cm Length simple pushers (supplied with 4.8 Fr JJ)
STIFF Hydro-coated Nitinol Guidewire Ø 0.035i

Multilength JJ Soft

Hydro-Coated PolyUrethane Ureteral Stent

- Stiff Nitinol Guide Wire

- Thermo sensitive Polyurethane
  - provides an excellent patient tolerance
- Up to 12 months indwelling
  - Long term implantation
- Retrieval tether
- Hydrocoated
  - With Hydromer® coating
- Highly radiopaque
- 22cm to 32cm Length
  for Autostatic Position

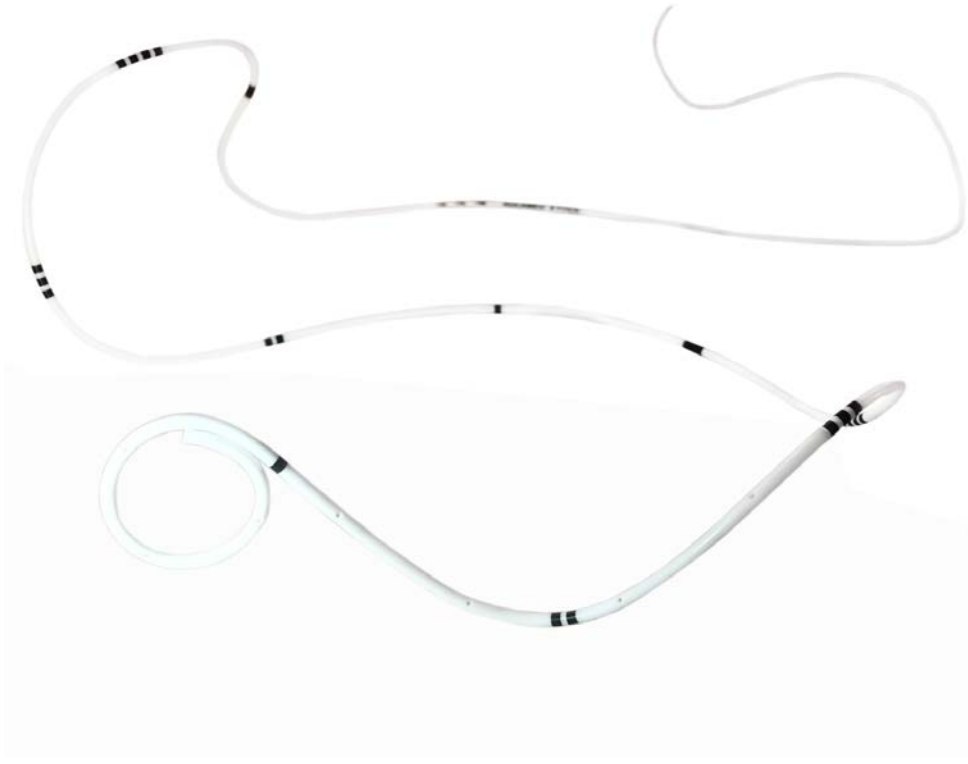
References	Ø(Ch/Fr)	Length (cm)
ROJM0500ST	4,8	22 - 32
ROJM0600ST	6	22 - 32
ROJM0700ST	7	22- 32

Kit composition (1 unit / box) : Polyurethane Hydrocoated Ureteral Multilength J Stent
40 cm Length simple pusher with radiopaque ring
STIFF Nitinol Guidewire Ø 0.035i

STRICTURE

RocaJJ Simple J

PolyUrethane simple Loop Ureteral Stent



100% thermo sensitive Polyurethane Ureteral MONO J Stent

- provides an excellent patient tolerance
- provides an encrustation high resistance

Up to 12 months indwelling

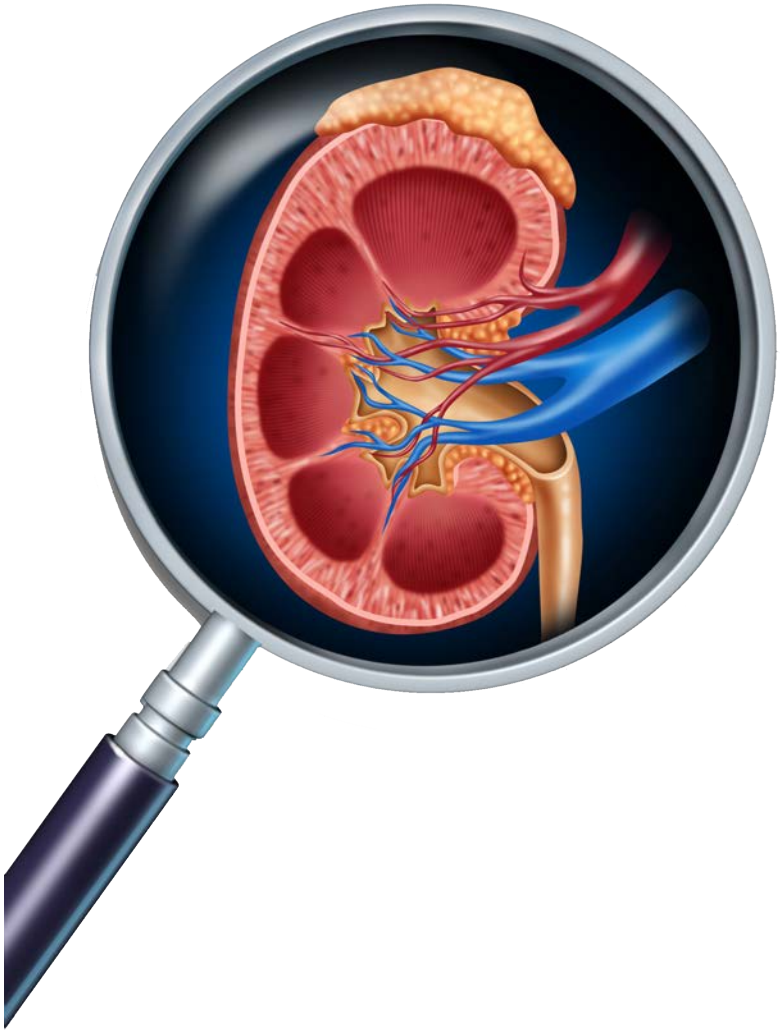
- Long term implantation

Pigtail Type

- for an autostatic Position
- 2 open Tips

References	Ø Fr/Ch	Lenght (cm)	Units / box
ROJG4690ST	6	90	1
ROJG4790ST	7		
ROJG4890ST	8		

Kit composition (1 unit / box) : PolyUrethane Ureteral SIMPLE J Stent
40 cm Length Simple pusher with radiopaque ring
PTFE coated Guidewire Ø 0.035i



PERCUTANEOUS NEPHROSTOMY

RocaNephro
Needles

18 & 22 G

2 part Needles
- 20 cm Length
- Echogenic needle designed for improved ultrasound visibility

18 & 22 G
Trocar & Chiba Tip

3 part Needles
- 20 cm Length
- Echogenic needle designed for improved ultrasound visibility

Trocar Tip
- Used for percutaneous nephrostomy access

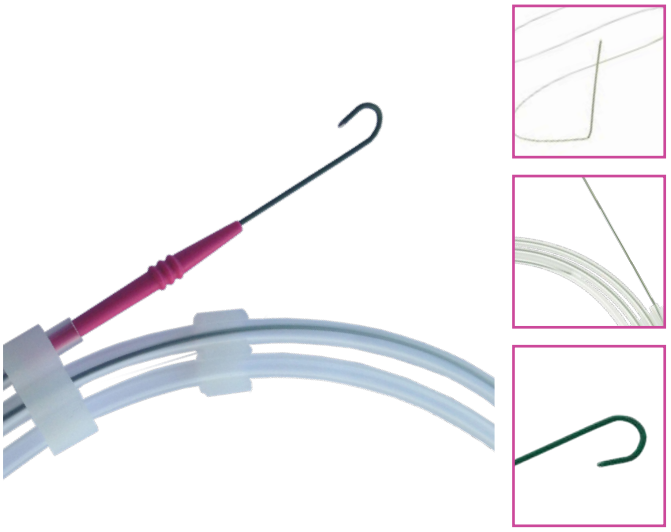
Chiba Tip
- Used for initial location and positioning of the renal collecting system during a percutaneous nephrostomy procedure

References	Tip	Parts	Ø Needle (G)
RONN1821ST	Trocar	3	22
RONN1820ST	Chiba	3	18
RONN1822ST		2	18
RONN2222ST		2	22

RocaNephro
RocaWire & Peal-Away Sheath Dilator

PTFE Coated RocaWire

- PTFE Coated Steel GuideWire
- highly radiopaque
- used in percutaneous nephrostomy procedure



References	Distal Tip	Length (cm)	ø Inch	Units / box
ROWS3500ST	Straight Flexible 7cm	100	0.035	10
ROWS3510ST	"J" Flexible 7cm			
ROWS3511ST	"J" Flexible 3cm	80		

Peal-Away Sheath Dilators

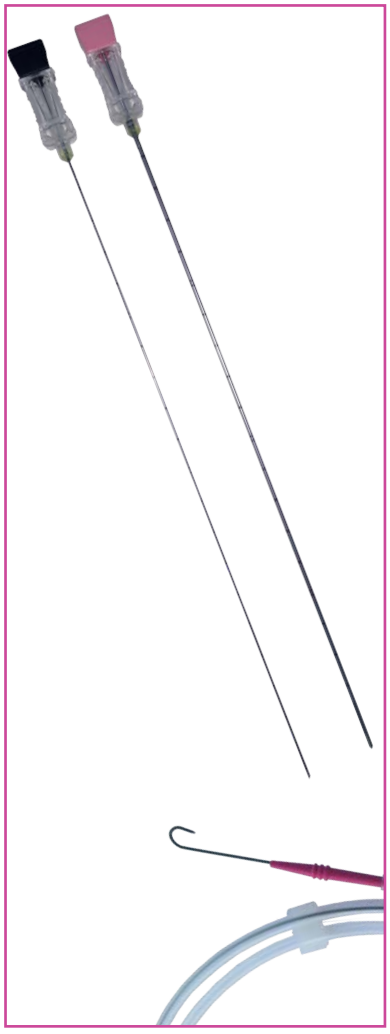
- 170 mm Length
- used in percutaneous nephrostomy procedure

References	Ø Fr/Ch	Lenght (mm)
ROND1010ST	10	170
ROND1012ST	12	
ROND1013ST	13	

RocaNephro
Percutaneous Malecot Nephrostomy Set

Used for percutaneous placement of a Malecot catheter in the renal pelvis for nephrostomy drainage

Kit composition:



Punction
- 2 needles
  - 18G Trocar Tip
  - 22G Chiba Tip
- PTFE Guide Wire
  - Ø 0.035i
  - 80 cm Length
  - J Tip

Dilation
- Dilators
  - 8 / 10 / 12 / 14 Fr

Drainage
- PolyUrethane Malecot Catheter
- Urine Bag Connector

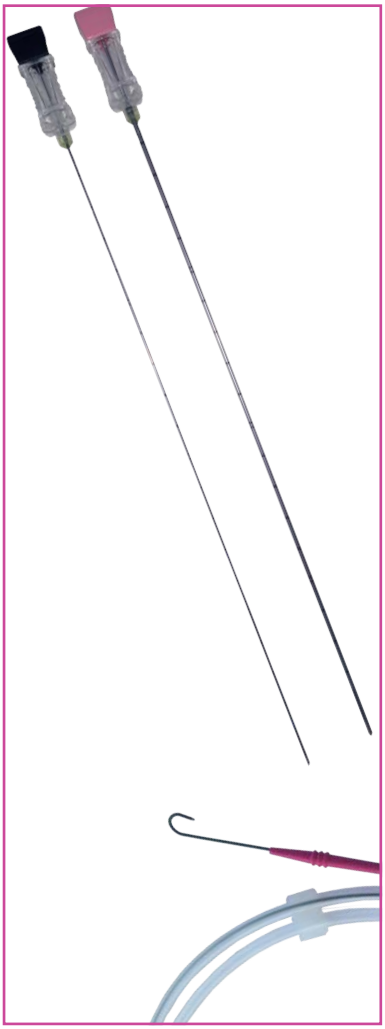
Drainage
- PolyUrethane Malecot

References	Ø Malecot Fr/Ch
RONM0800ST	08
RONM1000ST	10
RONM1200ST	12

RocaNephro
Percutaneous Pigtail Nephrostomy Set

» Used for percutaneous placement of a Pigtail catheter in the renal pelvis for nephrostomy drainage

Kit Composition:



» Punction
- 2 needles
  - 18G Trocar Tip
  - 22G Chiba Tip
- PTFE Guide Wire
  - Ø 0.035i
  - 80 cm Length
  - J Tip

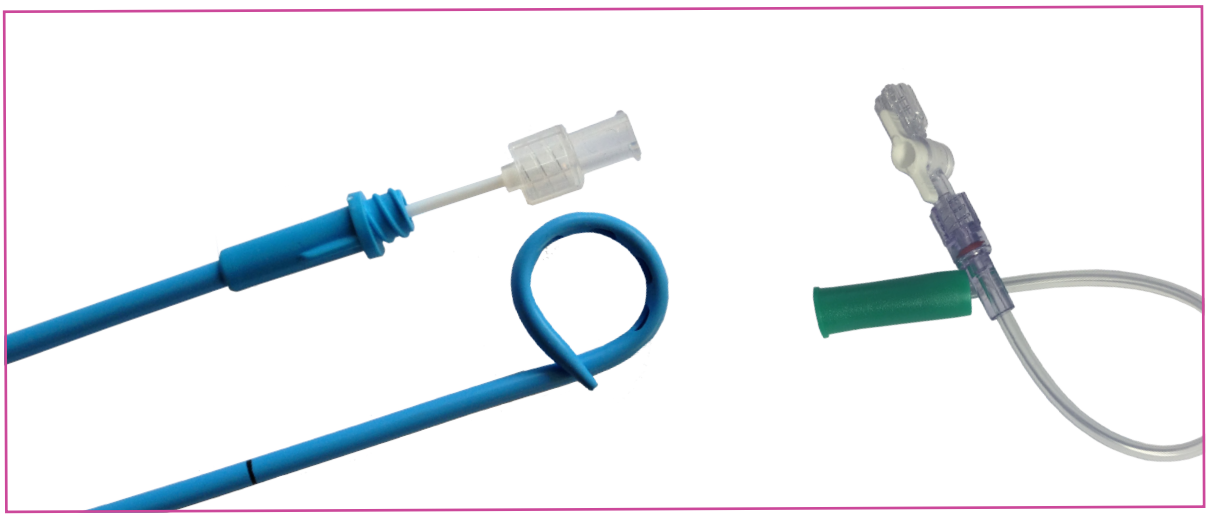
» Dilation
- Dilators
  - 8 / 10 / 12 / 14 Fr

» Drainage
- Poly Urethane Pigtail Catheter
- Urine Bag Connector

References	Ø Pigtail Fr/Ch
RONP0800ST	08
RONP1000ST	10
RONP1200ST	12

RocaNephro
Pigtail Drainage Kit(only)

» Used for Drainage.

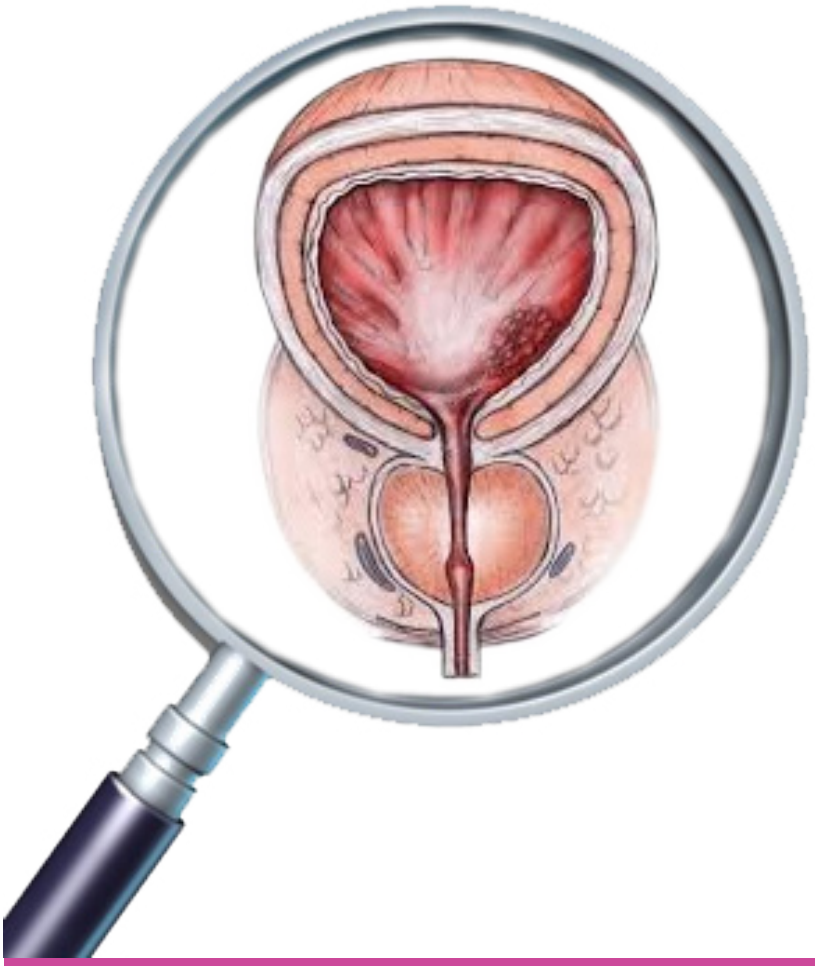


» Kit Composition:

- PolyUrethane Pigtail Catheter
- Urine Bag Connector

References	Ø Pigtail Fr/Ch
RONS0003ST	08
RONS0004ST	10
RONS0005ST	12

Kit composition (Pigtail + urine bag)



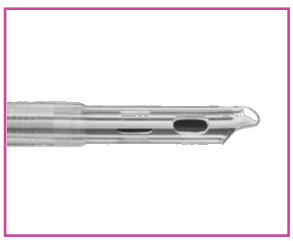
PROSTATE

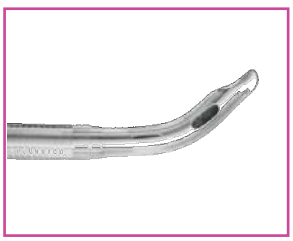
RocaFlow
3 way Silicone Prostatic Catheter

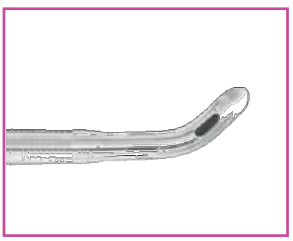
- After TURP or prostatectomy, the two eyes under the balloon improves the drainage of urine and blood from the bladder neck.

- Large bevels and eyes
  Insureexcellentdrainagecapacityandoptimalirrigation
- Wide irrigation and drainage channels
  Prevent blocking
- Large diameter (18 to 24 Fr)
  For large chunks of debris to pass through the catheter

- Straight


- Couvelaire


- Dufour


- Delinotte

RocaFlow
3 way Silicone Prostatic Catheter

» Latex Free
Reduce Ureteral inflammations and infections

» VERY HIGH DRAINAGE PERFORMANCE
The large inner lumen and the low risk of incrustation ensure a high level of drainage performance even when the catheter is inserted for a longer duration.

» PATIENT-FRIENDLY
The 100 % silicone irrigation catheter has a very low allergenic potential. It remains kind to the skin even if it remains inserted for a long duration and has a low risk of incrustation.

» UNDER CONTROL
The transparent silicone enables the urine drainage and the urine level to be permanently controlled. X-Ray contrast strips in the catheter

Ø Ch/Fr	Balloon Volume ml	Couvelaire Tip	Dufour Tip	Delinotte Tip	Straight Tip
18	50	ROFC3518ST	ROFD3518ST	ROFE3518ST	ROFS3518ST
20	60	ROFC3520ST	ROFD3520ST	ROFE3520ST	ROFS3520ST
22	70	ROFC3522ST	ROFD3522ST	ROFE3522ST	ROFS3522ST
24	80	ROFC3524ST	ROFD3524ST	ROFE3524ST	ROFS3524ST

TURP Tubing Set
Used with Gravity.

Laser Vaporization Irrigation Line for TURP Procedures

Irrigation Line
with Roller Clamp and Drip Chamber

Manual Pump
To provide extra flow for clearing the surgical field

References	
ONGE2001ST12	2 Spike TURP Laser Vaporization irrigation Line

TURP Tubing Set
Used with Gravity.

Irrigation Line for TURP/Diagnostique

References	
ONGR2000ST12	TURP/ Diagnostique irrigation line

Irrigation set for TURP with Laser cooling line

References	
ONGR2001ST12	Irrigation Set with Laser Cooling Line

ROCAMED
ROCAMED

ROCAMED
ROCAMED

ENDOFLOW® II

EndoFlow® II
Advantage in Urology

The heating feature is an advantages for all interventions:
It counterbalances the cooling down of the patient.

» Resection trans-urethra-bladder: The system can keep a low pressure (40 cm), no need to touch the irrigation stop-cock. With Endoflow the pressure is controlled: Meaning a reduction in time used and gains in comfort.

» Ureteroscopy - rigid scope: Since Endoflow provides a controlled pressure and a steady liquid flow (without pulsation), it enables the surgeon to approach the kidney stones in the Ureter ("lombaires") without the risk of "flushage" (pushing the stone back into the kidney). Always being ensured a good visibility.

» Ureteroscopy - flexible scope: The controlled pressure and the steady liquid flow are important features. Also, the Endoflow system permits the surgeon to make a short increase in pressure when necessary. This can be done via a chamber on the tubing set, or by a footswitch giving a 20cmH2O increase in pressure for 30 sec. The specialised tubing set has a 3 way stop-cock allowing for injection of contrast liquid without disconnecting the tubingset. The set also have a rotating luer lock male connection – meaning that the surgeon can move the scope freely.

» Resection trans-urethra-prostate: Controlled pressure and aspiration flow- rate. This provides an economic advantage, as it allows a reduction of up to half of the glysine used during the intervention.

» Resection trans-urethra-prostate with a Bipolar resector: The heated liquid is necessary for the optimal use of the bipolaire resecteur.

» PCNL: The heating system counterbalances the cooling of the patient. The patients are consequently left without post–op tubing sets after and intervention.

EndoFlow® II
Concept

UNIQUE SYSTEM FOR FLUID MANAGEMENT

- Irrigation, aspiration, high-pressure Irrigation - a new breath of functions
- Wide range of pressure modes, covering the needs for :

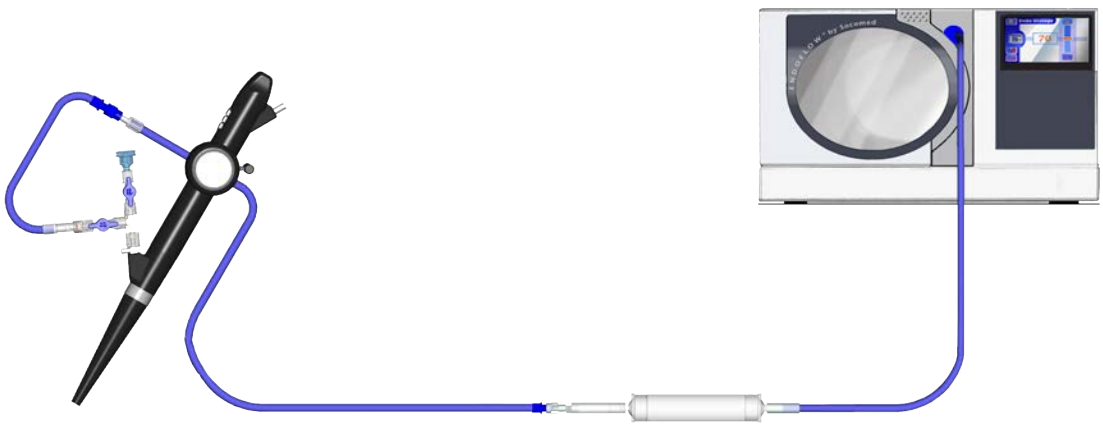
Urology	- Ureteroscopy - TURP - Laparoscopy
Gynecology	- Hysteroscopy - Laparoscopy
General Surgery	- Laparoscopy

Improved surgical precision:

- Steady liquid flow during irrigation / aspiration gives improved visibility, especially when conducting Hysteroscopy.
- The indicated pressure on the machine is identical to the pressure in the closed cavity.

Patient body temperature less of an issue for the anaesthetist

- Fluid heated and maintained



EndoFlow® II
Dual Chamber

NEW GENERATION - A UNIQUE SYSTEM OF FLUID MANAGEMENT

- Accurate pressure management
  - Self-Regulation
  - No pulsation effect
- Bag Heated and Maintained at 38°+/-2

- User Friendly manipulation
- Isostatic irrigation system
- Suction pump

	EndoUrology	Hysteroscopy	Laparoscopy	Resection	Arthroscopy
Pression (Mbar)	0-190	0-230	0-1000	0-1000	0-350

	Entrance tension	Frequency	Power
Electricals Caracteristics	230V (Europe)	50Hz	420VA

Reference	
MEN02	EndoFlow® II **Double** Chamber

EndoFlow® II
Mono Chamber

NEW GENERATION - A UNIQUE SYSTEM OF FLUID MANAGEMENT

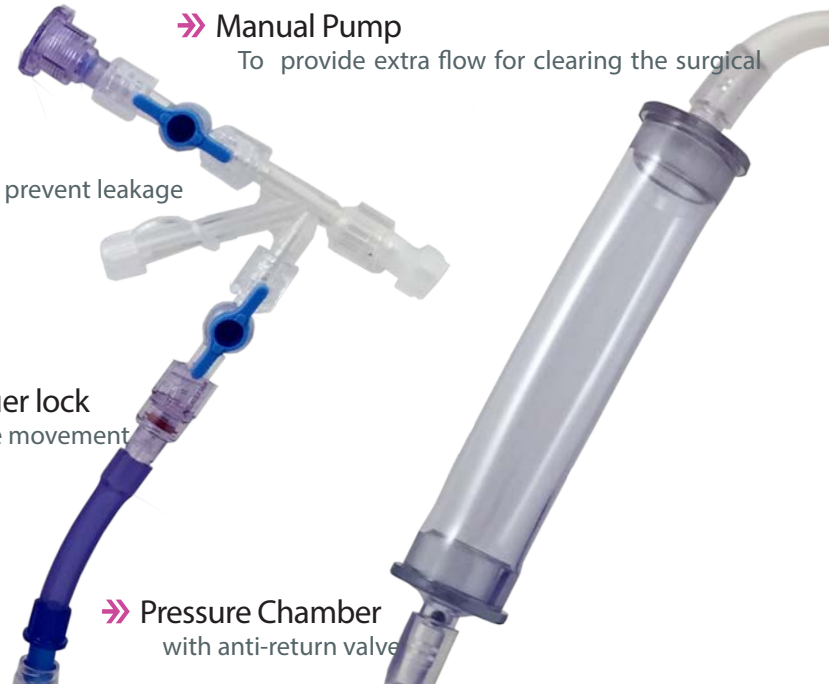
- Accurate pressure management
  - Self-Regulation
  - No pulsation effect
- Bag Heated and Maintained at 38°+/-2
- User Friendly manipulation
  - Isostastic irrigation system

	EndoUrology	Hysteroscopy	Laparoscopy	Resection	Arthroscopy
Pression (Mbar)	0-190	0-230	0-1000	0-1000	0-350

	Entrance tension	Frequency	Power
Electricals Caracteristics	230V (Europe)	50Hz	420VA

Reference	
MEN01	EndoFlow® II Single Chamber

EndoFlow® II In Urology
Ureteroscopy tubing set

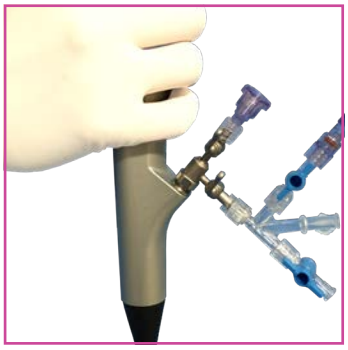
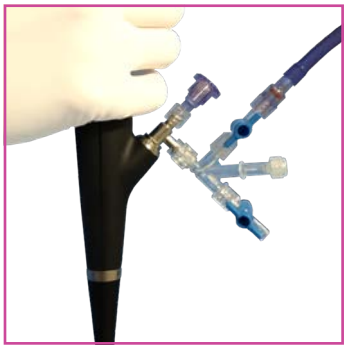


Manual Pump
To provide extra flow for clearing the surgical

Tuohy-Borst seal
grips the laser fiber and prevent leakage

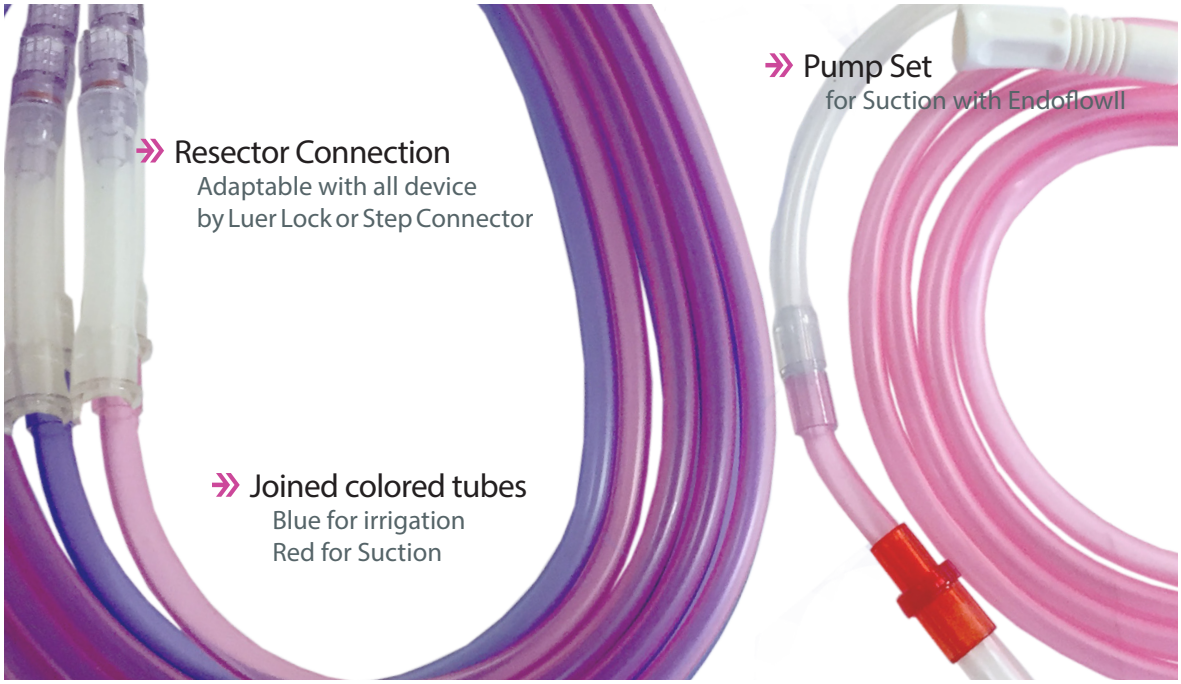
Rotating 360 ° Male luer lock
connection ensures free movement of the scope

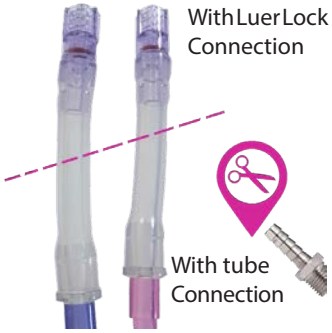
Pressure Chamber
with anti-return valve

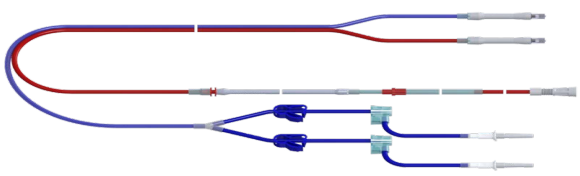
References		
SOUR9107ST12	TraxerFlow™ Irrigation Line for Ureteroscopy Laser	1 SPIKE
SOUR9207ST12	TraxerFlow™ Irrigation Line for Ureteroscopy Laser	2 SPIKES

EndoFlow® II In Urology
Prostate Tubing Set



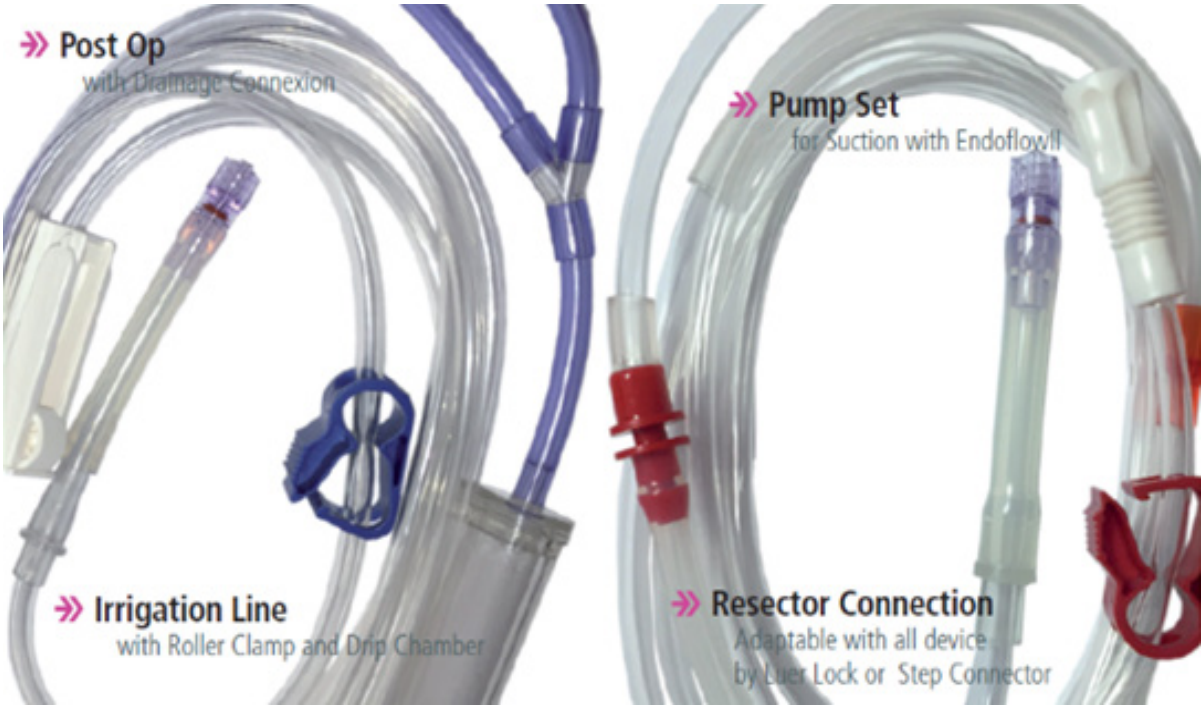


Canister Connection



References		
SOUR9201ST12	Irrigation/Suction Setfor TURP with pump Segment	2 SPIKES

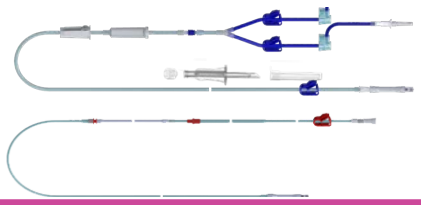
EndoFlow® II In Urology
TURP tubing sets



References		
SOUR9200ST12	Irrigation/Suction set for TURP/ Post Operative	2 SPIKES

Post Operative Irrigation Connection

The extra Spkike allows Irrigation by Gravity by disconnecting the EndoflowII Irrigation part

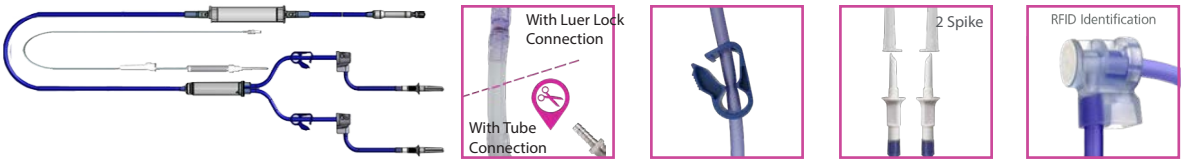


References		
SOUR9212ST12	Irrigation/Suction set for TURP /Post Op connection with Extra spike	2 SPIKES

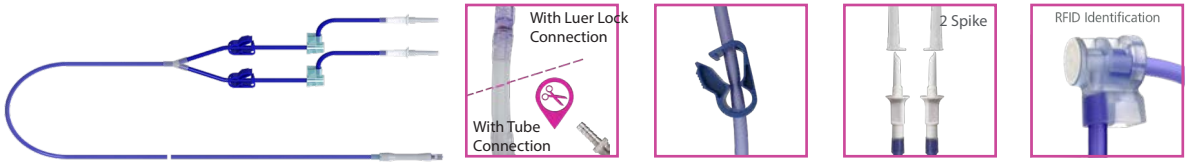
EndoFlow® II In Urology
TURP tubing sets

- Irrigation Line
  with Drip Chamber
- Resector Connection
  Adaptable with all device
  by Luer Lock or Step Connecter

- Prostate Laser Cooling Line
  with Drip Chamber and Roller Clamp
- To connect to Prostate laser is order to cool the Fiber



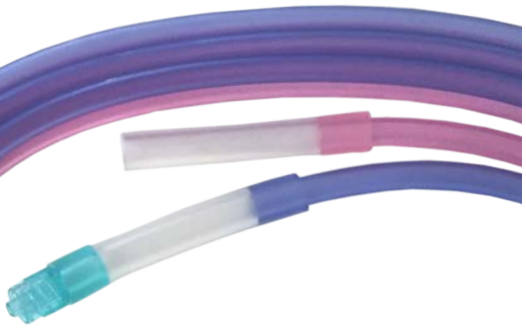
References		
SOUR2002ST12	Irrigation Set for TURP with Prostate Laser Cooling Line	2 SPIKES



References		
SOUR9208ST12	Irrigation Line for TURP Diagnostic	2 SPIKES

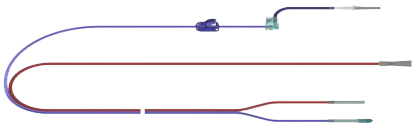
EndoFlow® II
Laparoscopy Tubing sets

- Irrigation & Suction Line
- Joined colored tubes
  - Blue for irrigation
  - Red for suction



- Joined colored tubes
  - Blue for irrigation
  - Red for suction

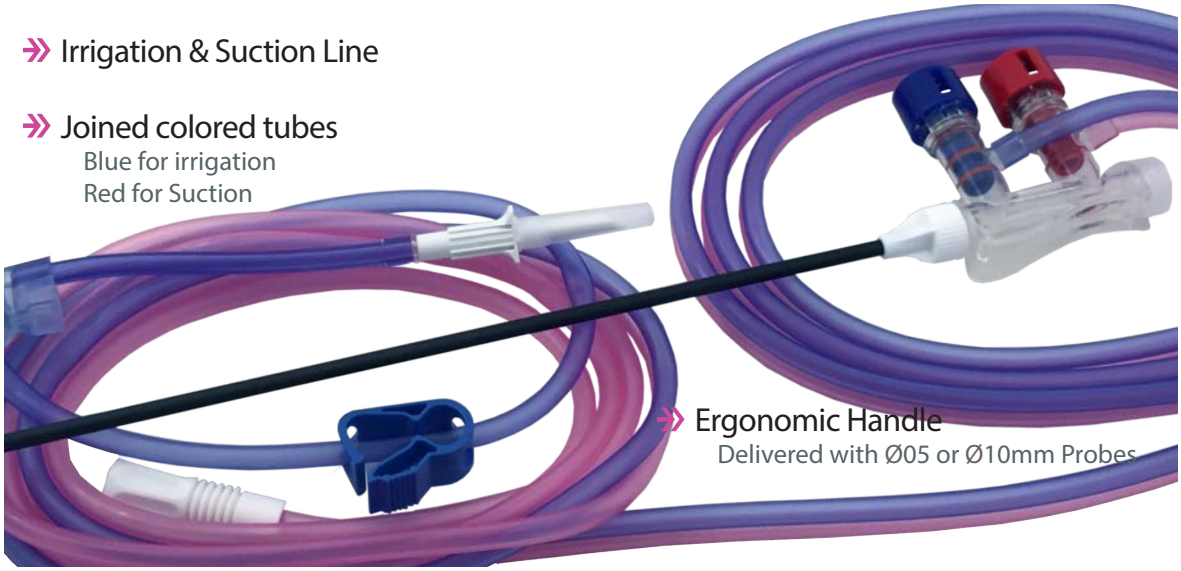
- Irrigation & Suction Line made to be used with ReUsable Handle devise.

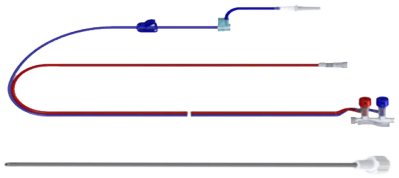


References		
SOLA9100ST12	Irrigation/Suction set *(no Handpiece & no Probe)*	1 SPIKE

EndoFlow® II
Laparoscopy Tubing Sets

- Irrigation & Suction Line
- Joined colored tubes
  - Blue for irrigation
  - Red for Suction
- Ergonomic Handle
  - Delivered with Ø05 or Ø10mm Probes





IRRIGATION HIGH PERFORMANCES

HANDPIECE:
- Red piston allow for suction control
- Free pressure regulation
- Left hand and right hand use

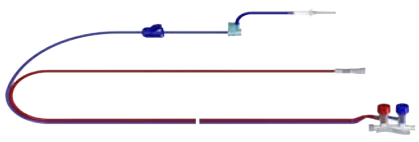
PROBES:
- Straight liquid jet
- DEHP free / Phthalate free

References		
SOLA0533ST12	Irrigation/Section Set with Handpiece & Ø 5mm probe Tip L330mm	1 SPIKE
SOLA1033ST12	Irrigation/Suction Set with Handpiece & Ø 10mm probe Tip L330mm	1 SPIKE

EndoFlow® II
Laparoscopy Tubing sets

- Irrigation & Suction Line
- Joined colored tubes
  - Blue for irrigation
  - Red for Suction
- Ergonomic Handle
  - Allows Ø03, Ø05 & Ø10mm Probes

- Irrigation & Suction Line to be used with ROCAMED Ø03, Ø05 & Ø10mm Probes
  (Probe not included in the set)



References		
SOLA0500ST12	Irrigation/Aspiration set with Handpiece	1 SPIKE
SOLA2500ST12	Irrigation/Aspiration set with Handpiece	2 SPIKE

EndoFlow® II
Laparoscopy Probes

PROBES:

- Straight liquid jet
- DEHP free / Phthalate free

4 Hole Probes

Ø 03 mm	250 mm	OJG032504HDST12
Ø 03 mm	330 mm	OJG03330ST12
Ø 05 mm	450 mm	OJG054504HDST12

8 Holes Probes

Ø 05 mm	330 mm	OJG05DAGST12 Anti-Drip

16 Holes Probes

Ø 05 mm	330 mm	OJG05DST12
Ø 05 mm	450 mm	OJG05450DST12
Ø 10 mm	330 mm	OJG10DST12

EndoFlow® II
Laparoscopy Accessories

Veress Needle
- Single Use Device

120 & 150 cm Length

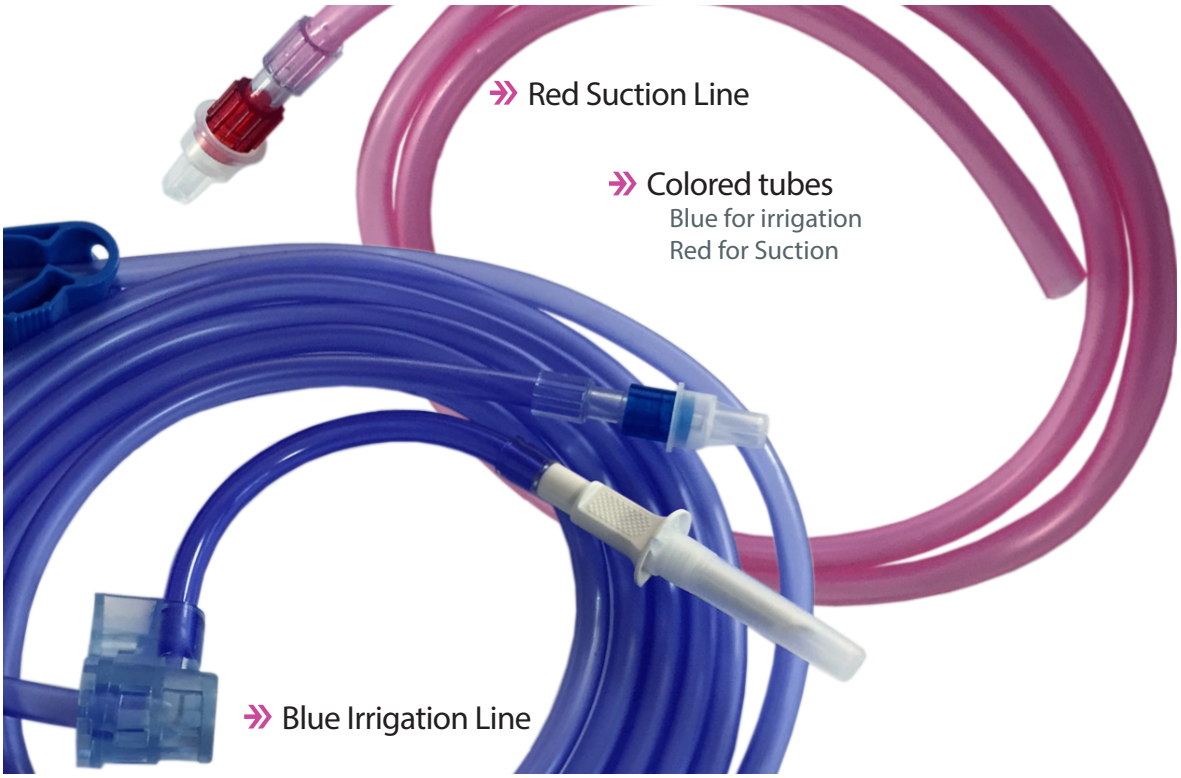
Needle with retractable stylet for gas insufflation

- Veress needle is used for percutaneous drainages of fluid in thora-paracentesis and laparoscopy procedures.
- The needle is provided with stainless-steel cannula with triple sharpening tip, retractable stylet ables to move back in the event of collision with tissues/organs.

Closed tip and three windows at 120°.

References	Length (cm)
MAF02120ST12	120
MAF02150ST12	150

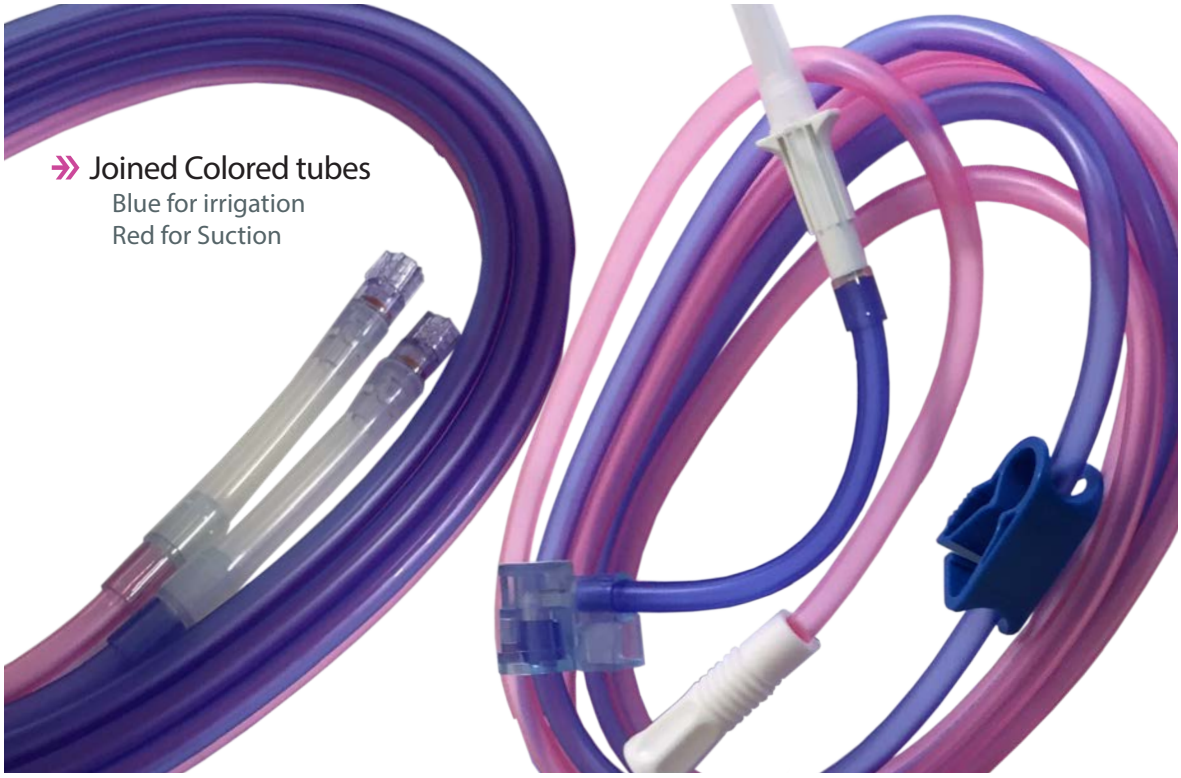
EndoFlow® II In Gynecology
Hysteroscopy tubing sets



Irrigation & Suction Line
(Probe not included in the set)

References		
SOHY9100ST12	Hysteroscopy Irrigation/Suction set	1 SPIKE
SOHY9200ST12	Hysteroscopy Irrigation/Suction set	2 SPIKES

EndoFlow® II In Gynecology
Hysteroscopy Tubing sets



- Joined Colored tubes
  - Blue for irrigation
  - Red for Suction

- Irrigation & Suction Line

(Probe not included in the set)

References		
SOHY9102ST12	Hysteroscopy Irrigation/Aspiration set	1 SPIKE
SOHY9202ST12	Hysteroscopy Irrigation/Aspiration set	2 SPIKES

References	
ROMTB-ST0	Luer Lock Tuohy Borst

References	
ROMYTB-ST0	Y Luer Lock Tuohy Borst

200W THULIUM LASER
HEMERA™

HEMERA™
Thulium Surgical Laser
200 W

SELECT YOUR TECHNIQUE

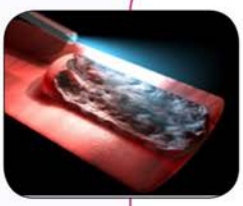
Hemera™ is a new surgical laser from Rocamed, with a high performance and power up to 200W you can choose the type of technique you prefer: **Vaporization, Vaporesection or enucleation**. With the ability to emit a continuous mode or pulsed, **Hemera™** is a multidisciplinary excellence laser for each type of intervention.

ROCAMED

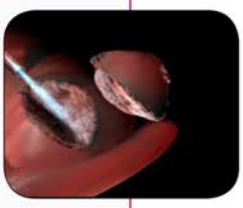
Ref.	Product Description
MT01	HEMERA 200W Thulium Surgical Laser

HEMERA®

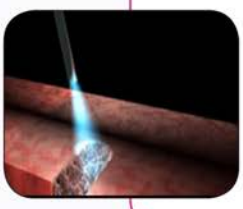
200W THULIUM LASER
Select your Technique



VAPORIZATION - THUVAP



VAPORESECTION - THUVARP



ENUCLEATION - THULEP - THUVEP

GREAT CUTTING AND ABLATION CAPABILITY

The Hemera Thulium Laser offers high-speed performance regardless of the size of the gland, vasculature and morphology. the surgeon can, then, choose whether to use vaporization, vapo-resection or technical enucleation

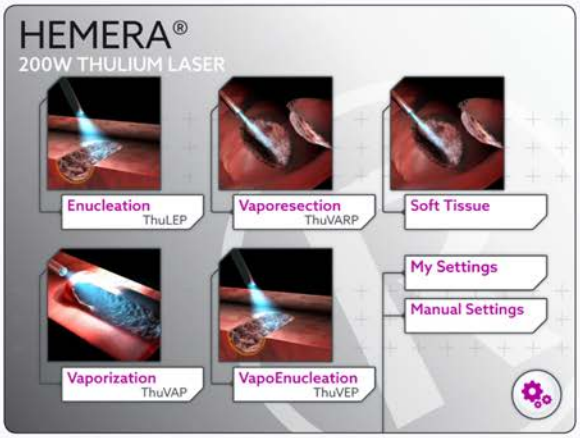
GREAT VAPORIZATION CAPABILITY

Hemera Thulium Laser remains effective even after many passages. Thulium laser is superior due to the possibility to emit both in continuous and pulsed mode. A continuous emission with the ability to vaporesect with lower costs due to the possibility of using multiple – time reusable fibers instead of disposable ones.

WELL CONFINED COAGULATION AND EFFECTIVE HEMOSTASIS

Hemera Thulium Laser emits energy more efficiently and more predictably on targeted tissue, independently from their blood percentage. The optical penetration depth is uniform. The technique of laser coagulation with Hemera Thulium Laser can be performed by directing the laser beam directly on the blood flow. The side effects of postoperative bleeding and dysuria are way inferior to those of each other laser method.

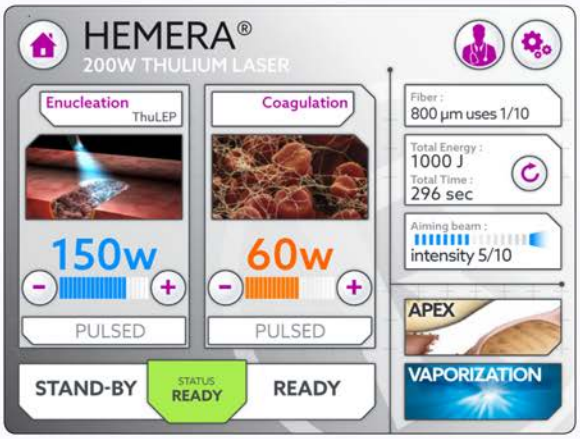
200W THULIUM LASER
HEMERA™



The intuitive screen is organized to give you the possibility to choice between:

Presetted or **To Set**

If your choice is «**Presetted Mode**» you will decide if you want to performe in enucleation or vaporization in just **2 steps**.



But if you prefer to set the laser by yourself, according to the type of intervention and surgical approach, you can still do it at any time choosing **Power** and if in **Continuous** or **Pulsed** mode.

OPTICAL FIBERS RFID OR CODE PLUG

Optical fibers with frontal emission:

- Sterile
- **Single Use or Reusable**
- Core diameter Up to 1000 µm
- 3 meters long

DOUBLE FOOTSWITCH

- Vaporization Ablation
- Ready/Standby
- Coagulation

STRIPPERS & SCISSORS FOR OPTICAL FIBERS

- Ceramic Scissors
- Sterilizable Stripper
- Adjustable Stripper

200W THULIUM LASER
Fibers

Single Use Sterile Surgical Optical Fiber

References	µm	Fiber Type	Identification	Units / box
MF550ST	550	Single Use	RFID	5
MF800ST	800			
MF1000ST	1000			

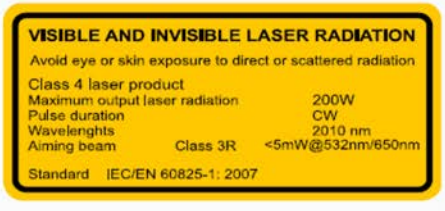
Reusable Sterile Surgical Optical Fiber

References	µm	Fiber Type	Identification	Units / box
MF550RST	550	up to10x ReUsable	RFID	5
MF800RST	800			
MF1000RST	1000			

200W THULIUM LASER
Technical Specifications

TECHNICAL SPECIFICATIONS

Laser Type	200W Thulium laser
Operating mode	Continuous wave or pulsed
Power Output	From 5W up to 200W
Aiming Beam	532 nm (green)
Repetition Rate	10 - 100 Hz
Pulse duration	5 - 75 ms
Fibers	Bare-ended optical fibers with diameter up to 1000 µm
Electrical	230-208 VAC, 16/18 A, 50/60 Hz
Dimensions (H x W x D)	110 x 55 x 75 cm
Weight	200 kg



200W THULIUM LASER
Accessories

References	Designation of the product
MT01BOX	Box of transport
MT01FSC	Double pedal foot control
NOTE-MT01-EN	User Manual in English version
NOTE-MT01-FR	User Manual in French version
MH30SGO	Safety goggles DI1400-33,,L3;905-1400DIRL5
MT01_CASE	Box of accessories
MH30STP	Fiberstripper 0.3 -1.0 mm
MH30STP2	Fiberstripper 0.1 - 0.4 mm
MH30SCF	Ceramic Fiber Cutter with Slipcase
N/A	Instruction for Use for Ceramic Fiber Cleaver
MH01_INTERLOCK	Interlock connector
MH01_KEY	ON/OFF keys
MT01_HUMID_BAGS	Humid Bags

Surgical
Optical
Fiber

Foot
Pedal

LITHOTRIPSY
OTHER
ROCAMED

MH01 30W Holmium Yag LASER

30W HOLMIUM LASER
Caracteristics

WaveLenght	Ho: YAG 2100 nm
Pulse energy :	0,2 - 4J
Pulse frequency :	3 - 25 Hz
Pulse duration :	150-850 µs
Pulse lengh regulation :	Automatically
Identification of Fiber :	Fiber RFID with TAG devise
Average power :	up to 30W - Wavelength: 2100nm+/- 20nm
Electrical :	100-120 VAC : 50/60 HZ 16 A 200-240 VAC : 50/60 HZ 10 A
Dimension :	938 x 332 x 967 H x W x D 5(mm)
Weight :	60 kg

30W HOLMIUM LASER
MH01

Holmium Laser 30W is powerful and offers a wide range of different frequencies and energy.

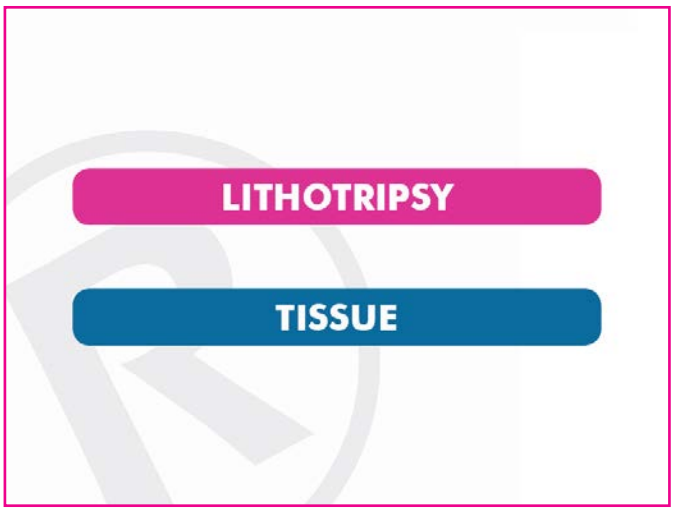
The setup of frequency and energy is integrated in an intuitive and pre-programmed menu: for a fine and accurate treatment strategy and for stone or soft tissue with a very

Ref.	Product Description
MH01	Rocamed Laser - Holmium Medical System

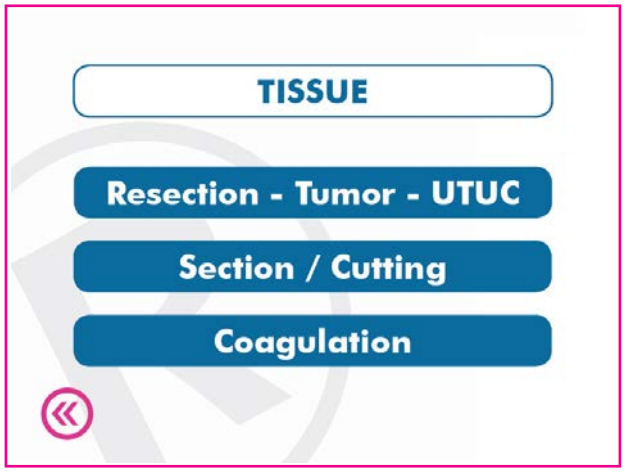
30W HOLMIUM LASER
Accessories

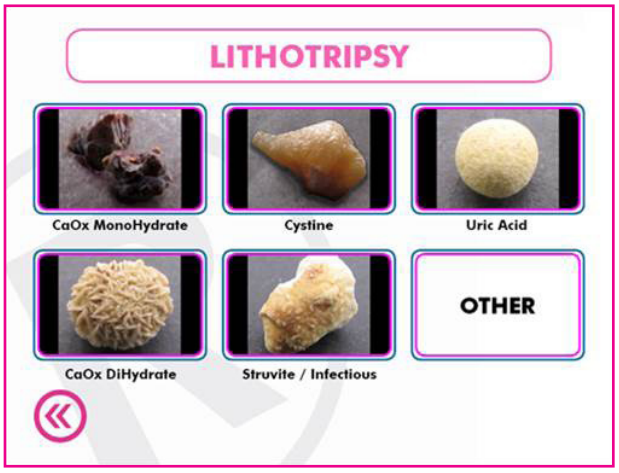
Accessoires	
MH30STP	Fiberstripper 0.3 -1.0 mm
MH30SCF	Ceramic scissor for fibers
MH30SGO	Safety goggles DI1400-33,,L3;905-1400DIRL5
MH30UMR	User Manual Rocamed MH01
MH30OBS	Optical Blast Shield for Holmium-external access
MH30BHC	Bottle For Hydraulic circuit filling - 0,8 litre with CPC
MH30FSC	1-pedal foot control with B7 button
MH30BOX	Nood Box for MH01
MH01FC	Laser MH01 Flight Case

30W HOLMIUM LASER
Application Mode



Lithotripsy or Tissues Application mode





30W HOLMIUM LASER
Lithotripsy Mode

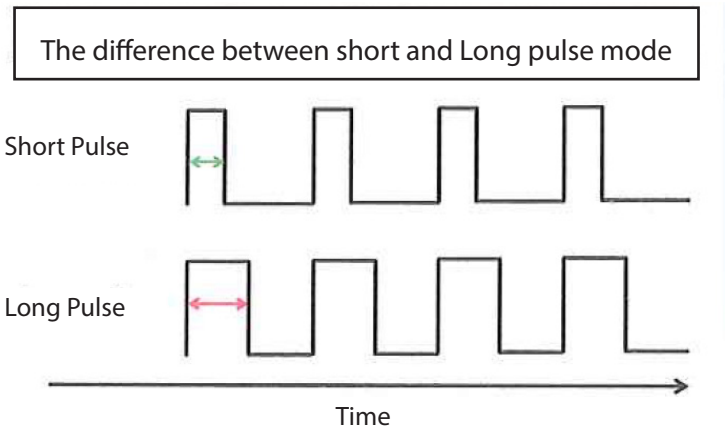


Figure1*-Comparingthetretraditionalshort-pulsemodewiththenewlong-pulsemode,laserlithotripter settingareexactlythesamepulsefrequency,pulseenergy,andthesamepowerlevel,thusthesameamount of energy is delivered.
However,inshort-pulsemode,theenergydeliveredbythesinglelaserpulseoccursduringacertainperiod oftime(greendoublearrow),whileinlong-pulsemodethatsameamountofenergyisdistributedovera longer period of time (red double arrow)

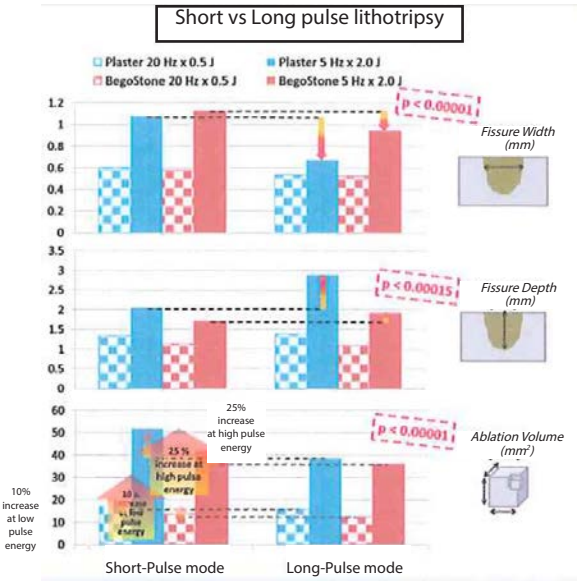


Figure3*-Initialexperimentsshowedthatlong-pulsemodeproducessignificantnarrowerfissures,particulyifusingLoFr-HiPEandregardlessofstonematerial.Inrelationtofissuredepththereisaninversionofthepatternseenbeforewithfissurewidth,withlong-pulsemodeproducingdeeperfissures,specially withsofterstonematerial.Concerningablationvolume,short-pulsemoderemainsthemoreefficientlithotriptersetting,witha9.9%and25.2%increaseatlowandhighpulseenergysettings,respectively.Alltheseresultsarestatistically extremely significant.

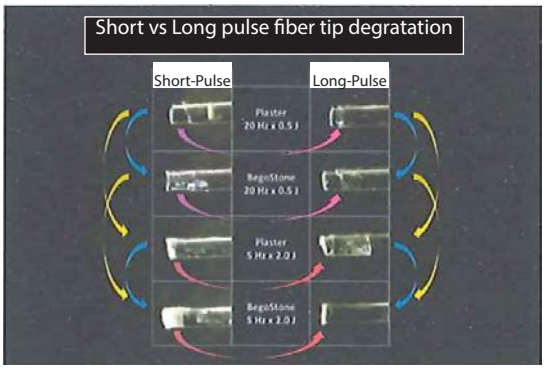
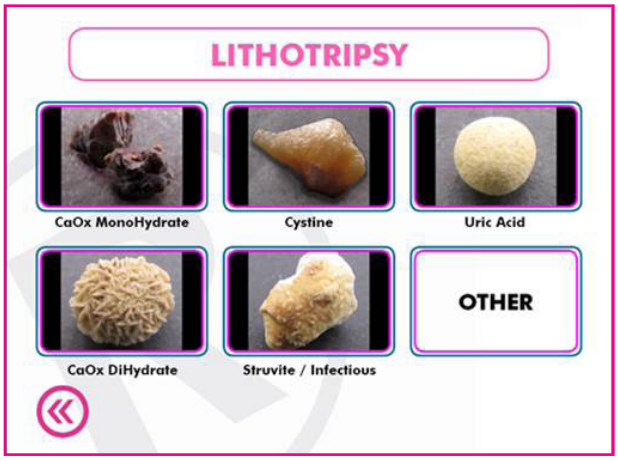


Figure4*-Experimentsrevealedmorefivertipdegradationwithharderstone material(bluearrows),aswellaswithhigherpulseenergysettings(yellow arrows),regarlessofpulsemode.Nevertheless,comparinglongandshortpulse settings,long-pulsemodeseemstosparethecladdingandthefibertip,showinglesscladdingdegradation(pinkarrows)aswellaslessfibertipopacification (red arrows)

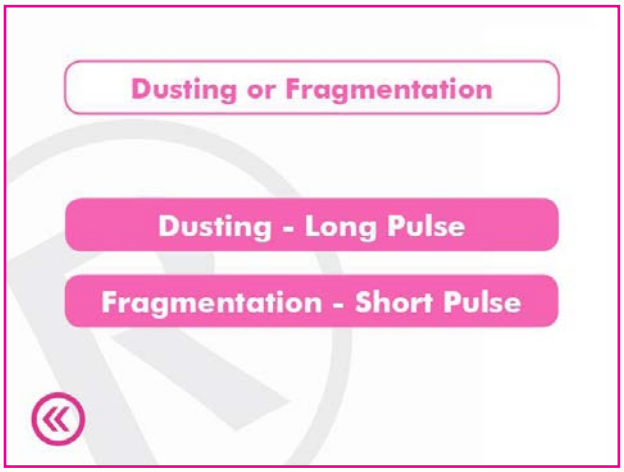
* EAU POSTER - MADRID 2015
Peter Kronenberg & Olivier Traxer. Hopital Tenon - Paris - France
Long-pulse versus Short-pulse - Laser lithotripsy performance

30W HOLMIUM LASER
Lithotripsy Application Mode



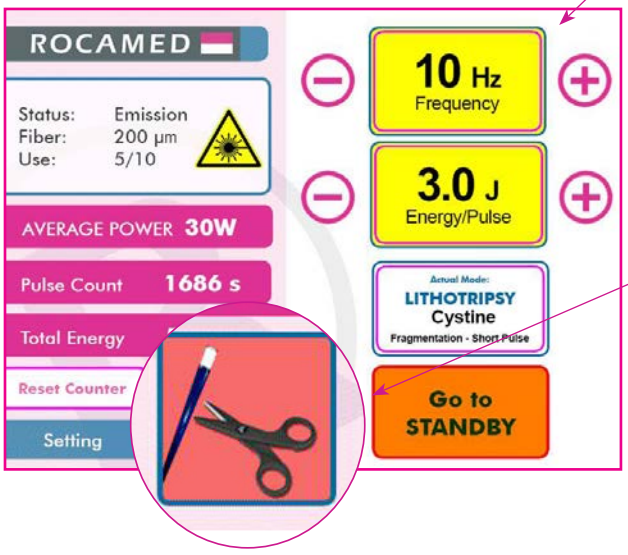
Vaporization
with Long Pulse

Fragmentation
with Short Pulse



Pre Setting*
registred by type of Stone selected

* August 2014 - World Journal of Urology
Peter Kronenberg & Olivier Traxer
Update on lasers in urology 2014:
current assessment on holmium:yttrium–aluminum–garnet (Ho:YAG) laser lithotripter settings and laser fibers



Cutting Fiber Alarm
warns Surgeons for 10s
Allowing a better Fiber Performances

30W HOLMIUM LASER
Fibers

Single Use Sterile Surgical Optical Fiber

References	µm	Fiber Type	Identification	Units / box
MF200ST	200			
MF272ST	272			
MF365ST	365	Single Use	RFID	5

Reusable Sterile Surgical Optical Fiber

References	µm	Fiber Type	Identification	Units / box
MF200RST	200			
MF272RST	272	up to 10x ReUsable	RFID	5
MF365RST	365			

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