UROLOGY solutions

PLASMA EDGE

BIPOLAR PLASMA RESECTION



POWERED BY LAMIDEY NOURY MEDICAL SINCE 1947

FULLY INTEGRATED **MANUFACTURE**

FRENCH PREMISES

Offices



Factory



ELECTRONICS

Design - Wiring



Assembling



INSTRUMENTS

Plastic injection



Industrial machining



ELECTRODES

Hand crafted



Clean room



A FULL BIPOLAR PLASMA **RESECTION SYSTEM**

COMPATIBLE WORKING ELEMENT

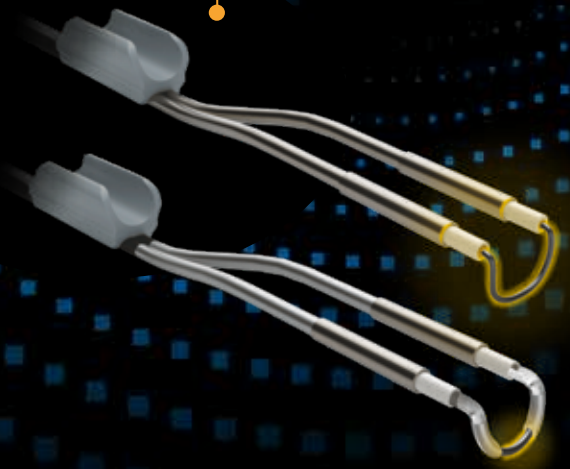


26fr and 22fr Sheaths

BIPOLAR ELECTROSURGICAL UNIT



COMPLETE RESECTION ELECTRODE RANGE



YOU DESERVE
THE EDGE

PLASMA ACTIVATION WITHOUT COMPROMISE

We developed a system able to achieve plasma activation without tissue contact.

This is beneficial because you alleviate the drag during ignition that you could see. The Plasma EDGE system allows you to make very precise cuts.

FULLY INTEGRATED POWER

The Plasma EDGE bipolar system does not carry any energy on the otter sheath.

All the energy in the system is contained inside the insulated electrode itself.

The only place energy touches the patient is at the tip of the electrode where it is needed.

HIGH DYNAMIC COAGULATION

With spread coagulation very similar to that you would see with monopolar. You will see a more consistent monopolar and clean coagulation during the case.

NO TEMPERATURE SALINE RESTRICTION

Plasma EDGE does not require warm saline for optimal performance or to achieve instant ignition.



GET INTO THE **REAL** BIPOLAR

LIMITS OF HYBRID POWER

Power conducted with 2 cables through the resectoscope



HYBRID MEANS 2 CABLES PLUG ON THE RESECTOSCOPE:

this system has the major disadvantage of carrying the electricity on the resectoscope and the sheaths which is in contact with the patient urethra.

- **one cable carries the electricity to the electrode (blue)**
- **one cable receives back the power through the resectoscope (red).**

ADVANTAGES OF OUR PLASMA EDGE TECHNOLOGY

Only 1 cable directly attached to the electrode



REAL BIPOLAR MEANS ONE CABLE DIRECTLY CONNECTED TO THE ELECTRODE:

designed to support high safety standards in bipolar resection. The electrode is engineered to direct all electrical currents, helping to reduce the energy transmission through the resectoscope.

- **our electrode conducts all electricity and both bipolar polarities; this means that no energy is carry by the resectoscope.**

WORKING
ELEMENT SOLUTIONS

We adapt to you,
not the other way around

PLASMA EDGE

SHEATH



COMPATIBLE WORKING ELEMENT



OPTIC



- Get access to our Plasma EDGE technology by only switching to a new working element and not changing the whole resectoscope.
- This may reduce capital replacement needs by enabling use with compatible optics/sheaths (compatibility dependent on configuration)

ST Compatible



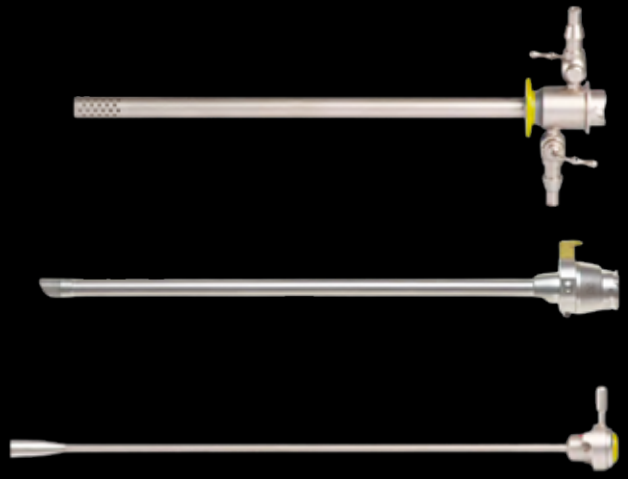
OL Compatible



WO Compatible



COMPLETE
RESECTOSCOPE RANGE



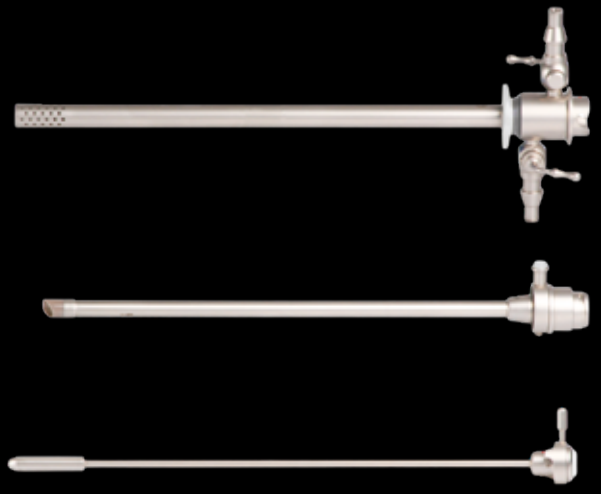
OUTER SHEATH

INNER SHEATH

OBTURATOR

THE 26FR RESECTOSCOPE





OUTER SHEATH

INNER SHEATH

OBTURATOR

THE 22FR RESECTOSCOPE



Products distributed by LAMIDEY NOURY MEDICAL : Sheaths - Class IIa. CE 0483. Obturators – Class I. Read the Instructions for Use carefully before use.

THE 22FR RESECTOSCOPE

- Designed for smaller anatomy and reduced sheath size options
- Minimise excess dilatation
- Extending resectoscope size option with a slimmer design.



ELECTRODE



SHEATH
22/19 Fr double flow



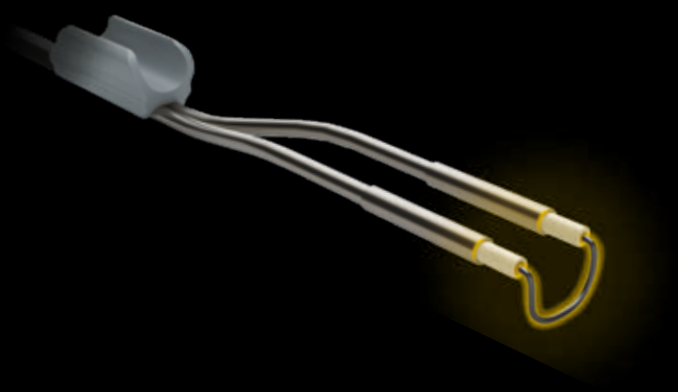
SPECIFIC WORKING ELEMENT



OPTIC
(2.9mm/30°)



FULL RANGE OF ELECTRODES



REAL BIPOLAR ELECTRODE

The real bipolar technology limits the spread of energy and concentrate the power right into the wire area.



INTEGRATED CABLE

The cable is directly delivered and attached to the electrode, that avoids sterilisation, potential breakage and saves buying an extra cable.

THIN LOOP



THICK LOOP



VAPORIZATION



ENUCLEATION



NEEDLE



BALL



SLIM LINE 22FR

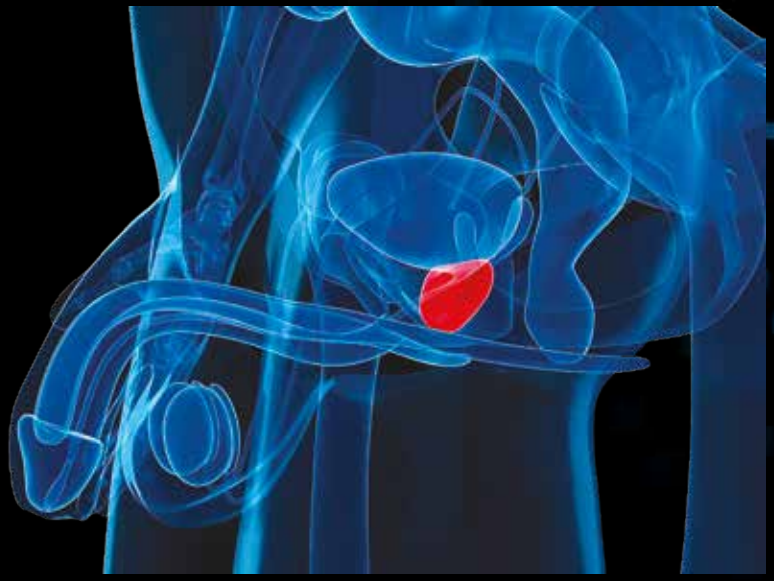


STRAIGHT BLADDER LOOP



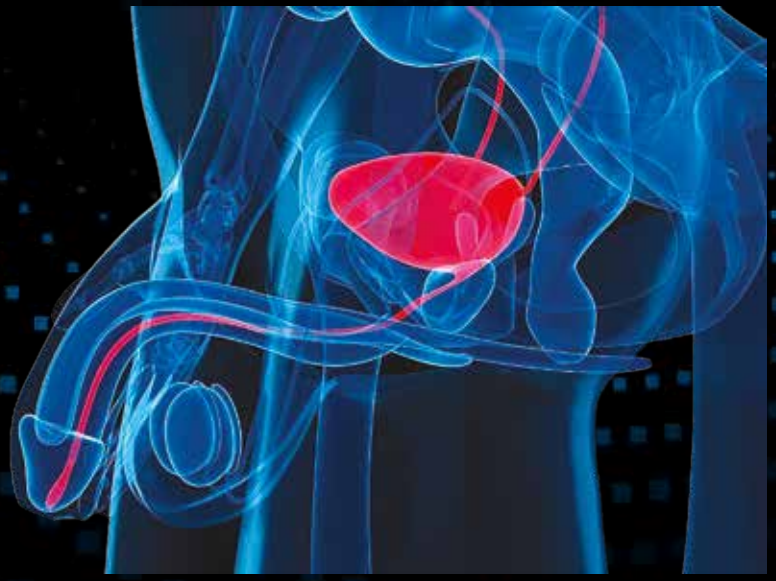
SURGICAL APPLICATIONS

PROSTATE BPH



- Deep cutting haemostatic effect resulting with clean white tissue.
- Heavy spreading coagulation capability.
- Self-cleaning electrode efficacy.

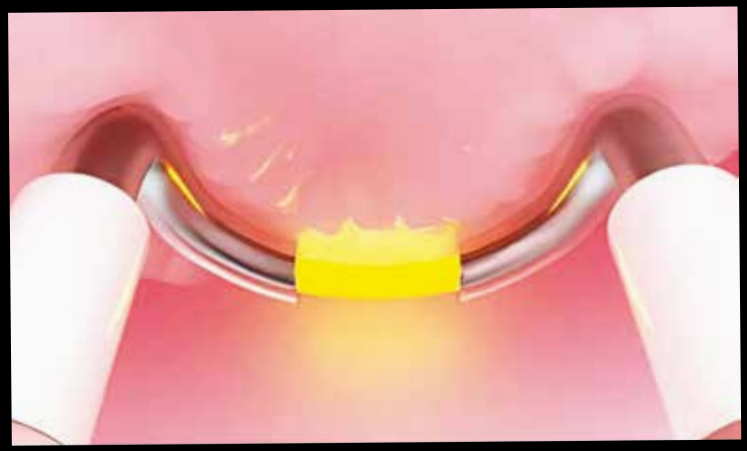
BLADDER TUMOR



- Instant plasma activation without tissue contact designed to support controlled cutting depth.
- Low plasma corona, which allows quality biopsy samples.
- Instant HF power shutdown in case of defective electrode to prevent severe nerve stimulation.

PLASMALEP™
ENUCLEATION SOLUTION





- **Dedicated design** which combines strong mechanical pushed structure wire and energy where it's required.
- **The pushed structure wire** can separate the adenoma mechanicaly and the energical help to cut precisely and coagulate during the separation.
- **Since both sides of the wire are insulated**, the energy is precisely given at the exact point where needed.
- **The capability to** perfectly coagulate during and after adenoma removal gives an all-in-one solution.
- **Easiest way** to get into the enucleation technique since it's only one extra electrode compared to your existing kit.

French Manufacturer of electrosurgical solutions since 1947



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Brochure intended for employees and distributors of LAMIDEY NOURY MEDICAL, as well as healthcare professionals for export only.
Unit and electrodes - Class IIb. CE 0459. Working element - Class I. Read the Instructions for Use carefully before use

Plasma EDGE Urology brochure PEU2026_02