



# PLASMA EDGE URO



## Bipolar Plasma Resection System

**French Leading Manufacturer Since 1947**

## Plasma EDGE: Bipolar benefits without efficiency compromise

At Lamidey Noury we started the Plasma EDGE design with a simple fact:

- A bipolar system has to be as efficient in CUT and COAGULATION in comparison to the classic monopolar system.

Plasma EDGE offers all the bipolar benefits with the same efficiency and rapidity than a classic monopolar power.

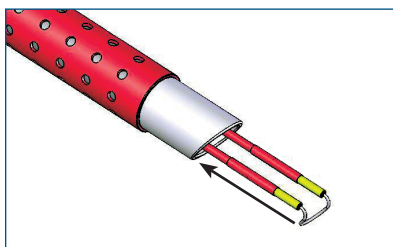
**Bipolar Plasma EDGE benefits:**

- Saline solution
- No superficial carbonizations and thermal damage
- Deep haemostasis for less post-op bleeding
- The tissues remain white and the solution clear after the procedure
- Same capabilities of a laser with minimal learning curves and cost efficiency

## Current Bipolar Resection Technologies

There are currently 2 main bipolar resection technologies that you may already be using. The key difference in each system is the way of power returning to the unit.

### SYSTEM 1: Power returns through the Resectoscope



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- Cost effective solution
- Loop design similar to monopolar loop

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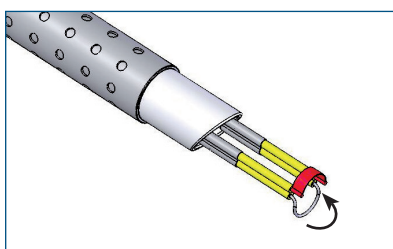
- Risk of electricity leakage on the resectoscope sheath
- High power is necessary for activation
- Require a specific and complete resectoscope dedicated for bipolar resection

WHY



The power return is operated by all metallic parts in the instrument. In this case the working element has 2 connection cables, one is for supply power to the wire and another for power return. The combination of a high power and power return through the total metallic instrument increases the risk of electricity leakage.

### SYSTEM 2: Power return on a top neutral electrode



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- Power return is integrated on the loop
- No electric power in contact with the sheaths

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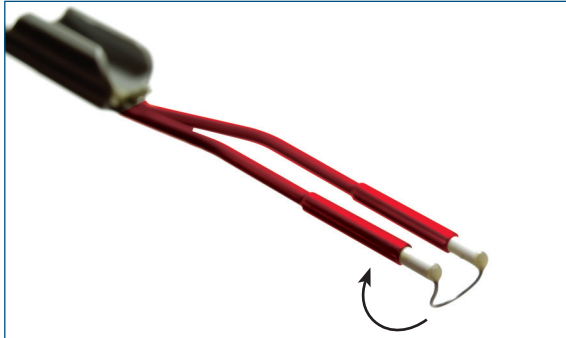
- Top neutral electrode potentially in contact with tissues
- Long distance between the wire and the neutral electrode which could cause activation delay
- Low wire lifetime
- Cutting tissues could stick between the wire and the top neutral electrode

WHY



The power return is integrated in an apparent top electrode. Having a neutral electrode potentially in contact with tissues could increase the risk of thermal damage. The distance between wire and neutral electrode impacts the activation efficiency.

## Plasma Edge Technology



By integrating completely the electric current flow inside the electrode.  
We can provide the EDGE of the bipolar resection technology with:

- low power requirement for plasma activation
- instant activation
- no electric power on the resectoscope
- loop design similar to monopolar loop



### WHY?

#### Power return is integrated inside the electrode

Plasma EDGE technology is simply the perfect answer to the 2 key features required by a surgeon:

##### SAFETY:

- Power return is directly integrated inside the electrode
- Low power requirement
- No apparent neutral electrode, therefore no thermal damage risk by tissue contact

##### EFFICIENCY:

- Instant activation
- Long life time wire
- Cable is completely integrated on the loop so no short-cut risk at the cable connexion

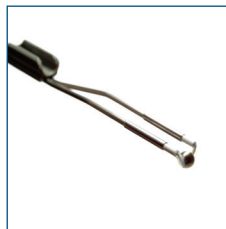
## Electrode Range



#VRU1/VRU11  
Thin Loop



#VRU2/VRU21  
Thick Loop



#VRUB/VRUB1  
Ball Electrode



#VRUN/VRUN1  
Needle Electrode



#VRUV/VRUV1  
Vaporization  
Electrode

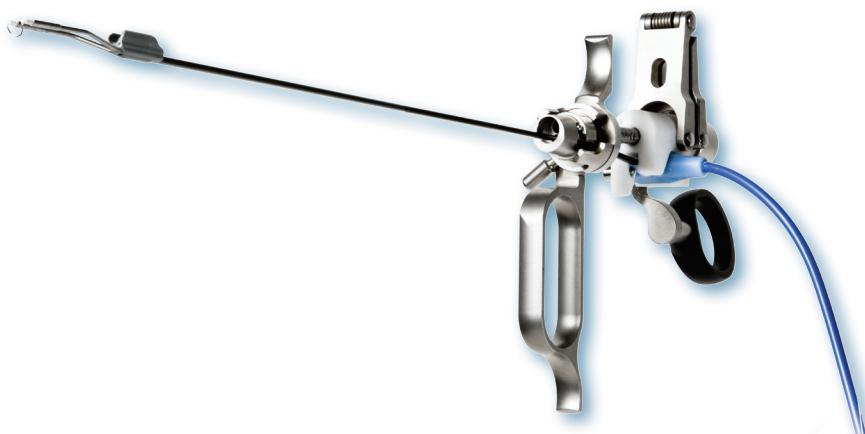
## Adaptable Working Element

In order to avoid changing all the existing sets and optics present in your hospital.

Plasma EDGE provides a full range of working elements compatible with your existing resectoscope.

In that case, we exchange only the handle and keep all your accessories like optic, inner and outer sheaths, pumping system...

This gives an easy and cost effective access into the Plasma EDGE technology.



### Active



### Passive



#### Storz

#V12PR11G - #V12PR11G1  
Active compatible STORZ

#V12PR10G - #V12PR10G1  
Passive compatible STORZ

#### Olympus

#V12PR31 - #V12PR311  
Active compatible OLYMPUS

#V12PR30 - #V12PR301  
Passive compatible OLYMPUS

#### Wolf

#V12PR51 - #V12PR511  
Active compatible WOLF

#V12PR50 - #V12PR501  
Passive compatible WOLF

Coming soon

## Plasma Edge Power

Thanks to 65 years experience in the electrosurgical field, we produce the finest and most efficient plasma resection power, the EDGE:

- Instant plasma activation even on small tissues
- The best coagulation effect in bipolar technology
- Low average power requirement
- Auto-cleaning ability with a quick cut activation

## MCB Unit



### ABILITIES

- Plasma Edge
- Vessel sealing
- Thermocision

### BENEFITS

- Automatic recognition
- Friendly user

## Optima Unit



### ABILITIES

- Monopolar / bipolar
- Plasma Edge
- Vessel sealing
- Thermocision
- Argon

### BENEFITS

- Full electrosurgical unit 370W
- Touch screen
- Automatic recognition
- More than 80 programs pre-set for each speciality

## Cutting & Reusable Vessel Sealing Forceps



For each procedure: several solutions

### PROSTATECTOMY

LAP



#V12PBN524  
Thermocut 5mm Laparoscopy



#V12PBN22P  
Thermocut 10mm Laparoscopy

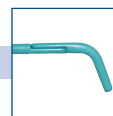
OPEN



#V12PBN523  
Thermocut 5mm Open Surgery



#V12PBN21P  
Thermocut 10mm Open Surgery



#V11CLPBS1  
Thermocut 22cm Angled

### CYSTECTOMY

OPEN



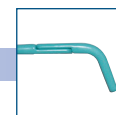
#V12PBN523  
Thermocut 5mm Open Surgery



#V12PBN21P  
Thermocut 10mm Open Surgery



#V11CLPBS2  
Thermoclamp 22mm Curved



#V11CLPBS1  
Thermocut 22cm Angled

### NEPHRECTOMY

LAP



#V12PBN524  
Thermocut 5mm Laparoscopy



#V12PBN22P  
Thermocut 10mm Laparoscopy

OPEN



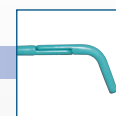
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