



General surgery series

Produtos de Eletrocirurgia

SY-III A-D003

We are OEM for many well-known foreign brands and the large-scale production to ensure quality



Non-stick Blade



Stainless Steel Blade



SY-III A-D004

The latest slim design for maximized comfort, to make operation more convenient and it is cost-effective.

SY-III A-D006

- General hand controlled electrosurgical pencil
- SY-III A series general electrosurgical pencil suitable for various surgery, it can replace a variety of shaped electrodes to make the required surgery more successful .



☎ 214 728 040 | 808 200 306

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FDA
510(K)ND: registered with the U.S. FDA

CE 0197
EN ISO 9001:2008
 EN ISO 13485:2003+AC:09

Notice: Single use to avoid cross-infection



Smoking Evacuation System

Evacuação de fumos

- The tail of the smoking evacuation pencil handle can be rotated 360 degrees flexible operation
- Meet with international trends, equipped with simultaneous smoking devices to protect the health of workers and keep the operating room clean
- The effective working distance is variable to adapt to different depths of the surgical site needs
- The Electrode is non-stick coating with high-tech, so it can reduce eschar adhesion effectively
- The end of the suction tube equipped a variety of connectors, make it suitable for most smoking evacuator or suction machine

• General type SY-IIA-D602

The good smoking effect to maintain a clear surgical field, at the same time, it can change the different electrodes to facilitate operation



• Enhanced type SY-IIA-D603

High-efficiency air-conformal cap to ensure perfect smoking



• Interchangeable electrode type SY-IIA-D605

By changing patented smoking electrodes of different lengths to meet different depth surgical surgery



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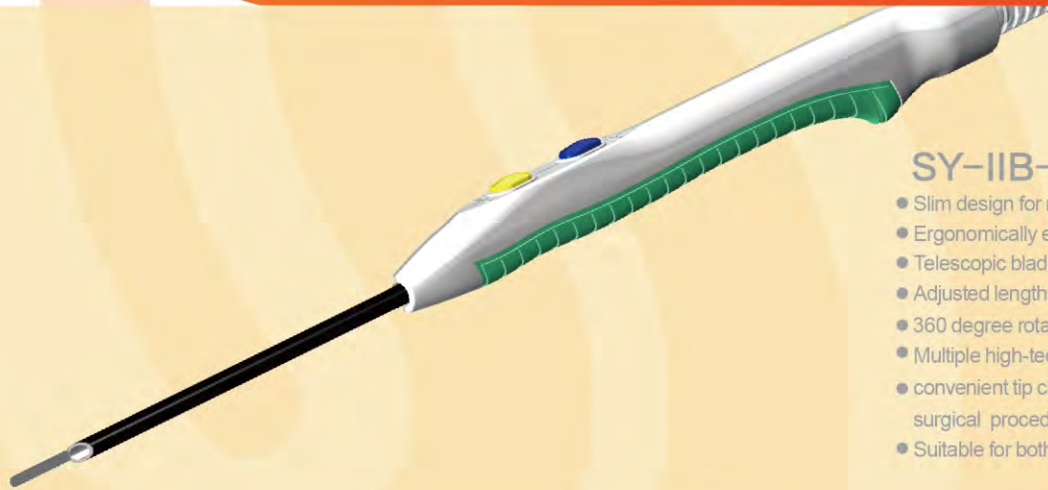
3 Chapter Peng's Multifunctional Operation Dissector(PMOD)

Smoking Evacuation System



SY-III A-D006

- Cost effective, economical smoke evacuation option
- Removable smoke evacuation sleeve
- Interchangeable electrode options
- Slim design for maximized comfort
- Ergonomically engineered to minimize fatigue
- Used across multiple surgical procedures
- Easy to operate
- Can be used with most applicable power sources



SY-IIB-D008

- Slim design for maximized comfort
- Ergonomically engineered to minimize fatigue
- Telescopic blade tip with retractable functionality
- Adjusted lengths between 80mm to 120mm
- 360 degree rotatable electrode
- Multiple high-tech, non stick electrode options that support convenient tip cleaning and high performance during surgical procedures
- Suitable for both shallow and deep surgical procedures

Smoke Evacuator

- **Compact Design**
Allows for easy placement on shelf or counter and accommodates stackability.
- **Variable Filter Life (up to 35 hours)**
Delivers unsurpassed value and reduces per procedure costs
- **Filter Tracking Technology**
Automatically tracks and records filter life through
- **Simple LED Display**
Two button design (motor speed and on/standby) makes this system extremely easy to operate
- **Quiet Operation**
Addresses noise concerns



Technical Information

Noise Levels (Nominal Values)	@ maximum power < 55 dBA
Dimensions (H x W x D)	6 in x 11 in x 15.5 in 15.2 cm x 27.9 cm x 39.4 cm
Flow Rates	25 cfm (708 lpm) using 7/8 in (22 mm) tubing
Weight	With filter installed: 12.0 lbs (5.0 kg) Without filter installed: 9.5 lbs (4.0 kg)

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Gastrointestinal series

The first retractable electrosurgical pencil in the world

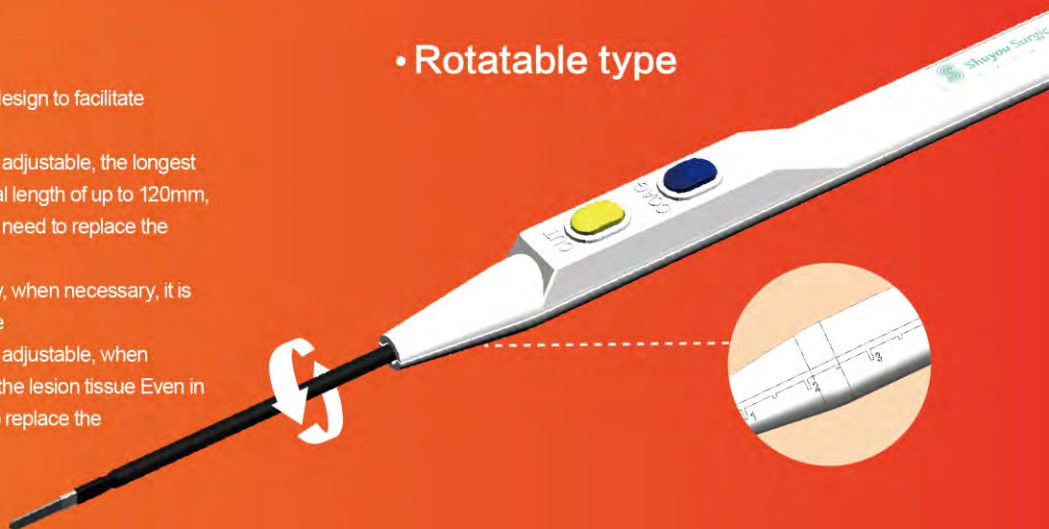
Gastrointestinal



SY-IIIB-D003

- 360-degree rotatable electrode design to facilitate doctor's operation
- The effective working distance is adjustable, the longest extension of up to 80mm, the total length of up to 120mm, even in deep surgery ,there is no need to replace the electrosurgical pencil
- There is a scale ruler on the body, when necessary, it is easy to measure the lesion tissue
- The effective working distance is adjustable, when necessary, it is easy to measure the lesion tissue Even in deep surgery ,there is no need to replace the electrosurgical pencil

• Rotatable type



• Telescopic and Interchangeable type SY-IIIB-D004

- A variety of specifications and performance of electrodes can be replaced, without the need to replace the electrosurgical pencil.
- The effective working distance is adjustable, even in deep surgery ,there is no need to replace the electrosurgical pencil



SY-IIB-D003

- Extended function tube ,the length is up to 135mm and suitable for deep surgery
- Electrodes can be recommended by the control, when stick out of the function tube, it can do the conventional surgical operation, when retracte the function tube, it can scrape
- Equipped with suction, it can continue to suck not only smoke but also bleed, to keep a clear vision of the surgeon and improve the quality of surgery

• Scraping suction type



360 Degree Bionic Joint

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SY-IIA-D002

- It is not a simple electrosurgical pencil, but the dissector. When the power out, it can still complete scraping, stripping, pushing, poking and other blunt separation action
- Equipped with suction, it can suck smoke and bleed effectively, to keep a clear vision of doctors and make the operation more convenient.
- The electrode can be removed in the surgery, using the 45degree scraping tip to finish cutting, coagulating and blunt dissection, to make the dissection and stanch bleeding more convenient.
- The Electrode is non-stick coating with high-tech, so it can reduce eschar adhesion effectively



With Blade Scraping Suction



With 45 Degree Scraping Suction Without Blade



PMOD



general pencil

SY-IIA-D003

- The length of the function tube and other parameters is suitable for laparoscopic, chest and other deep surgery.
- Hand controlled, make it more suitable for the latest doctor's habits
- 45-degree scraping tips, scraping, stripping, pushing, poking, to make the patient less damage and recovery faster
- Equipped with a switch valve and suction, it can not only suck the smoke to keep a clear surgical field, but also to ensure adequate pneumoperitoneum.



With 45 Degree Scraping Suction



Widely used in general, hepatobiliary, pancreatic, stomach, cancer and other surgery. Hand controlled with suction, and the electrode is retractable. It can suck smoke in the surgery.

- The tip of the electrode covered with a special non-stick coating, it can reduce the eschar effectively.
- Suction tube is retractable, combined with the scraping and suction.
- Commonly used in general, hepatobiliary pancreas, gastrointestinal, tumors and other complicated surgery



SY-IIB-0

- Hand controlled to complete cutting and coagulating
- Sharp tip and flat tip electrode, coordinate with the short and thick function tube, remove smoke quickly, especially for the neck, breast flap separation, bleeding and other operations
- Special electrode: when extend the electrode, suitable for precise point coagulation, when retracted electrodes, for quick scraping suction operation



Sharp Tip



Flat Tip



360 Degree Bionic Joint

- Designed for breast specialist, thyroid surgery. Hand controlled with suction and retractable. The tip covered with a special non-stick coating, effectively prevent the formation of eschar during surgery.
- The short and thick suction tube, make the surgical site more clear, so it can exhaust all smoke
- Catheter wrapped with plastic, reduce eschar and make it easier to remove.
- Sharp tip design, make it more easy to do flap separation
- The electrode is retractable, when intentate, the suction is more effective, so it can minimize the smoke damage to the surgeon's health



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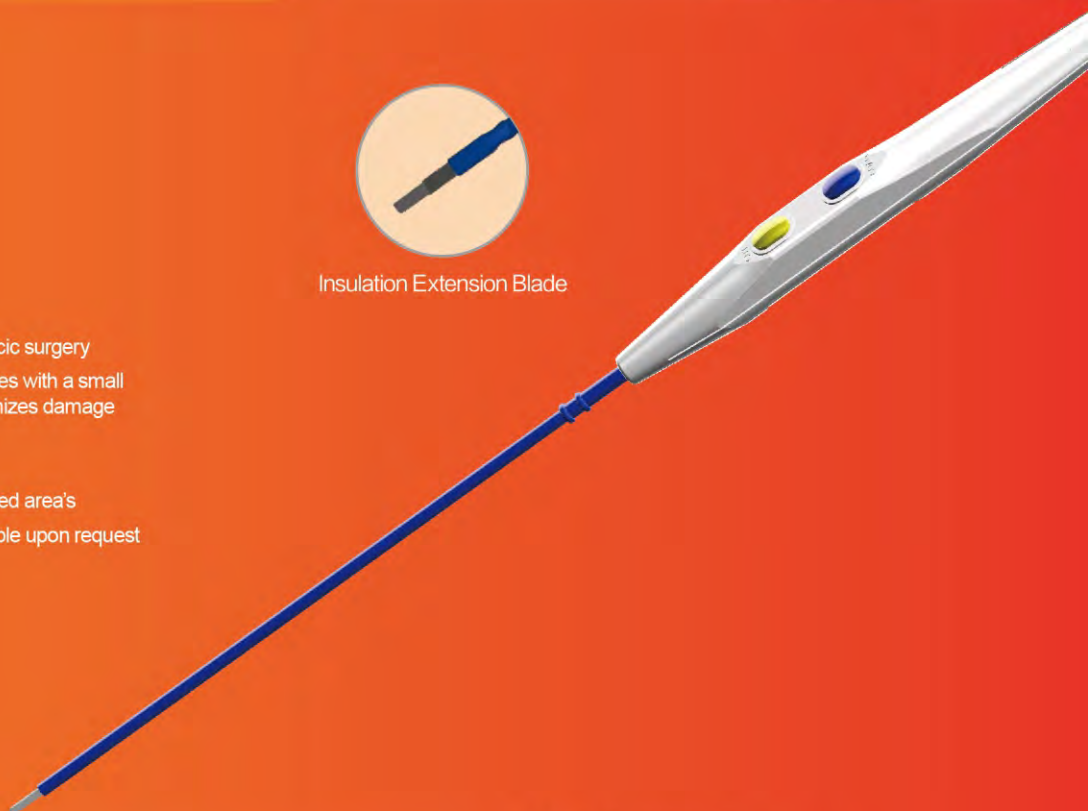


SY-III A-2

- Extended electrode for thoracic surgery
- Suitable for cardiac procedures with a small exposed electrode that minimizes damage to unintended tissue
- Easy bended electrode
- Easy hemostasis for site limited area's
- Custom made options available upon request



Insulation Extension Blade



SY-IVB-D003/SY-IVB-D002

- Long suction tube design for deep surgical procedures
- Abdominal Cavity, Thoracic Cavity & More
- Hand and Foot Control options that meet the current trends and requirements of today's surgeons
- 45 degree scratch and suction head with functionality that ensure minimally invasive, less tissue damaged procedures
- Suction functionality with valve switch, smoke removal & minimized pneumoperitoneum during surgery
- Customized design options are available upon request

Irrigation

Suction

Valve Control

Irrigating Suction Laparoscopic Pencil

Suction Hand Laparoscopic Pencil



- The electrode length and other parameters is suitable for deep operation, such as abdominal and thoracic surgery.
- Hand controlled method is more in line with latest doctors' habits.
- The diagonal tip with scrape and suction function, can do scrape, rake, push and pare, assure small wound and fast recovery.
- The suction function and switch valve can not only evacuate smoke to keep doctors' view clear, but also assure enough pneumoperitoneum

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SY-IIA-D600

- High quality, flexible shafts that allow ease of bending as required during various surgical procedures
- Position of manual bend allows for both narrow and deep penetration with maximum control
- Hollow electrode to easily remove blood & tissue during surgery
- High quality insulation layers that minimize the risk of damaged tissue to unintended area's
- Multiple sizes & variations available
- 155mm to 205mm



- Because the adoption of special imported material, the electrode can be bent and enter into narrow and deep portion easily.
- The hollow electrode can remove blood and hydrops synchronously.
- Just with coagulation function, assure little tissue damage.

Specially designed for ENT operation, assure clear operation view when doing the deep and narrow lacuna operation

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SY-III A-701

- Specially designed for orthopedic, the different tip shape is suitable for the delicate operation aim at joint intervertebral disc surgery and so on
- Various tip shapes and three function angle designs to meet doctors' requirements
- Epoxy resin insulation part can protect patient from burn



SY-III A-801

- Specifically designed for orthopedic, spine and joint procedures
- Various head shapes and head designs to facilitate a wide range of surgical procedures
- Horizontal line, vertical line, ball cup, plain and straight
- Various insulation options available to protect the patient from skin burns and scolding



Platform Shape



Cup-shaped



Vertical Tooth Shape



Horizontal Shape



Ball Shape



Ball Shape With 45 Degree



Ball Shape With 90 Degree



Ball Shape With 180 Degree

Various products specially designed for orthopedics for your selection.

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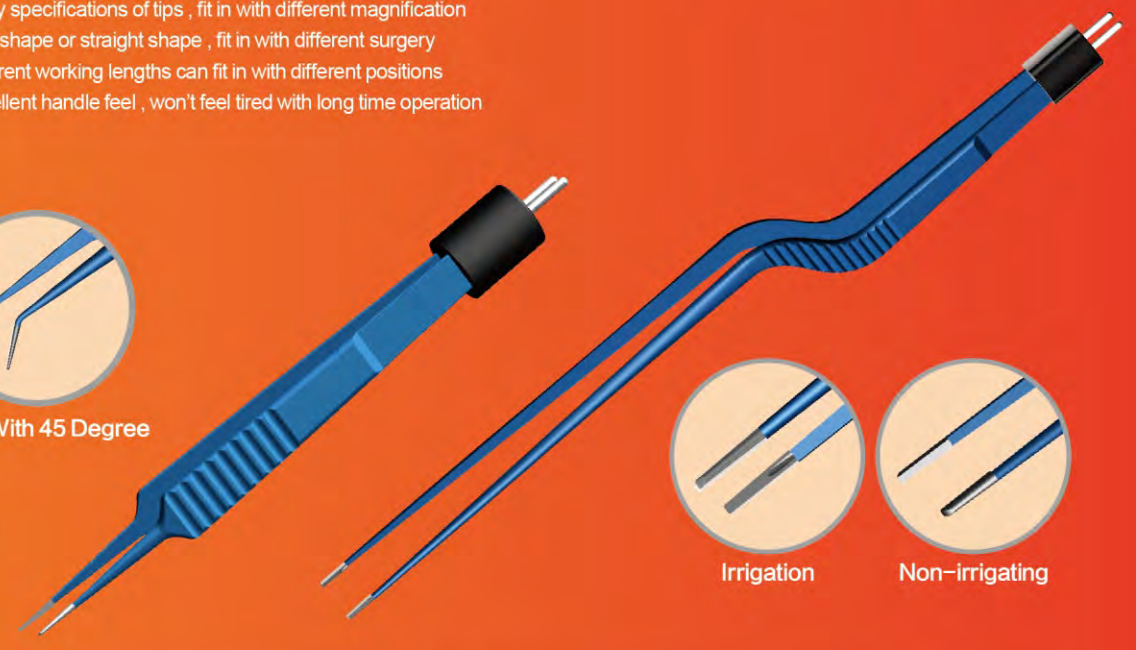
Microsurgical Surgery Series Microcirurgia

SY-VIIDQ

- Special material & technology For Tip , Non Stick
- Many specifications of tips , fit in with different magnification
- Gun shape or straight shape , fit in with different surgery
- Different working lengths can fit in with different positions
- Excellent handle feel , won't feel tired with long time operation



Bend With 45 Degree



Bipolar Forceps



Irrigation



Non-irrigating



Tungsten Needle

SY-IB-1

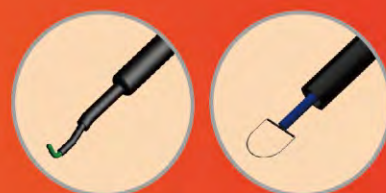
- Needle with low temperature and low power
- Accurate cutting and hemostasis
- Sharp and durable quality
- Three types: Molded, PE insulation, Molded + PE insulation
- Can be tailored to the needs of customers
- Superfine needle can be used for cosmetic surgery



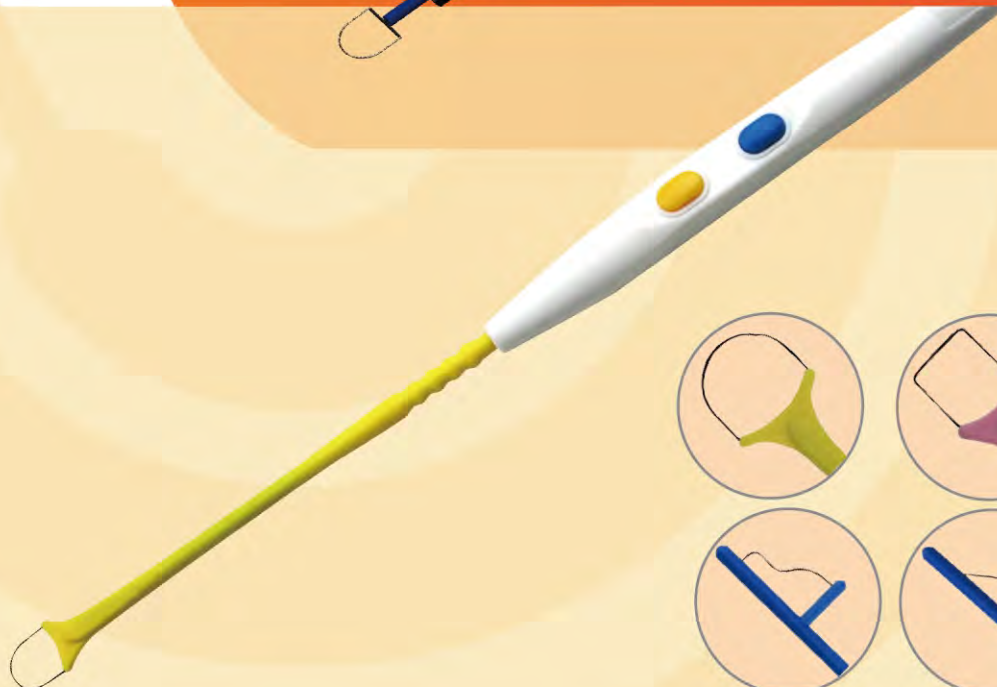
Leep Electrode

SY-IIA-D604

- Shape of loop, square, triangle, ball and bent tip can be choose
- Suitable for gynecological endometrial, cervical, and vaginal surgery
- Suitable for general generator and leep generator
- Three structures of injection, torch, torch+injection can be customized
- Another super fine needle can be used in plastic surgery



Replaceable Electric Hook



Plastic Injection Molding

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Electrode Series

Eléktrodos

Generator

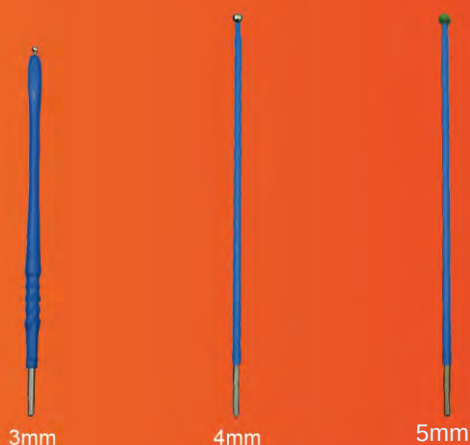
- MONOPOLAR AUTOCUT : Pure Sine wave 390 kHz
- MONOPOLAR COAG : Damped Sine wave 460 kHz
- BIPOLAR : Pure Sine wave 390 kHz
- DESIGN STANDARD
 Classification according to the EC- Directive 93/ 42/
 EEC: Class IIb
 General Safety Standards: IEC 60601-1-1, IEC
 60601-2-2
 EMI/EMC Compatibility Standard: IEC 60601-1-2
 IS Safety Standard: IS 7583



Basic electrode

Ball Electrode

Eléktrodos Ball



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Adult / Disposable Electrosurgical Pads



SY-M1

Monopolar & Vertical



SY-M2

Bipolar & Vertical



SY-M3

Monopolar & Horizontal



SY-M4

Bipolar & Horizontal

Child / Disposable Electrosurgical Pads



SY-S1

Monopolar & Vertical



SY-S2

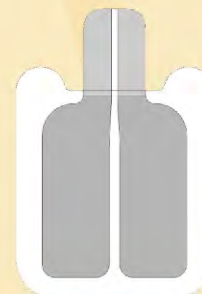
Bipolar & Vertical

Infant / Disposable Electrosurgical Pads



SY-B1

Monopolar & Vertical



SY-B2

Bipolar & Vertical

Disposable Electrosurgical Pads with Cords



SY-MW1

6.3mm Plug, Match single hole generator



SY-MW2

Valleylab Plug, Match double hole generator





Accessories Acessórios

Cords for ESU Pads



SY-MW2 Accessory



Match Valleylab Genertor



Match Conmed Genertor

6.3mm Plug



5.2mm Plug



SY-MW1 Accessory



Holster



Tip Cleaner

- Connect with ESU pencil and generator to form a circuit, assure the normal use of ESU pencil
- There are products specially for children and infant, and also the bipolar pad to assure the operation safety