

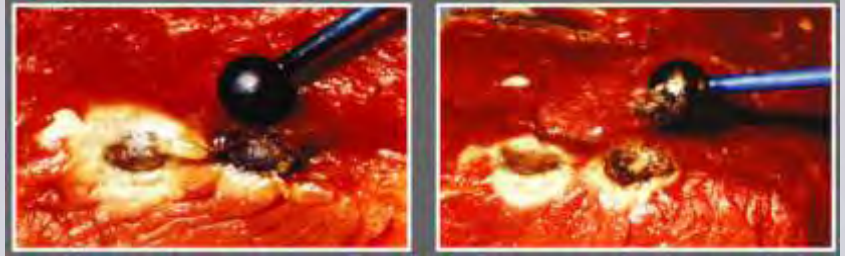
The Future of Electro - Surgery is Here!



High Frequency, Low Temperature
Radio Frequency Systems

Radio-surgery: The future of Electro-Surgery

Radio-surgery is an atraumatic method of cutting and coagulating soft tissue, without the post-operative pain and tissue destruction experienced with electro-cautery.



The cutting effect, known as **electrosection**, is performed without manual pressure or crushing tissue cells. It results from the heat generated by the resistance offered by the tissue, to the passage of radio frequency waves, which are applied with a fine wire called a surgical electrode. The heat disintegrates and vaporizes the cells in the path of the waves. This causes the tissue to split apart as though it had been cut with a razor-sharp knife. **Electro-coagulation** is a non-vaporizing destruction of tissue by a radiofrequency wave.

The atraumatic nature of electrosection provides phenomenal advantages. The lack of trauma results in tissue healing without fibrous contractile scar tissue, which characterizes healing of wounds created by manual cutting. An equally significant advantage is provided by the sterilizing effect of radiosurgery.



Radiosurgery, as a result of these advantages, facilitates, accelerates, and improves surgical procedures & their outcomes significantly. It helps to reduce unfavorable post-operative consequences such as pain, swelling, infection, and post-surgical shock from excessive blood loss which are often experienced with "traditional" devices.

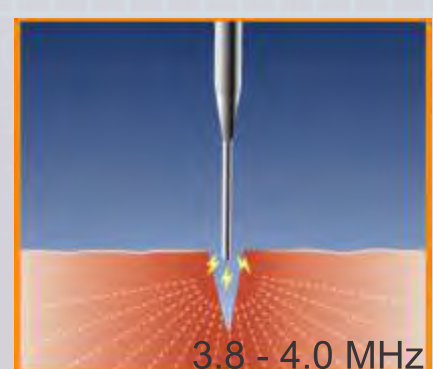
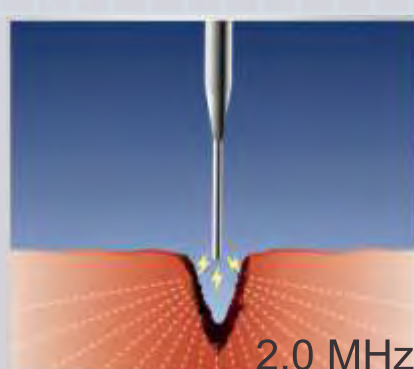
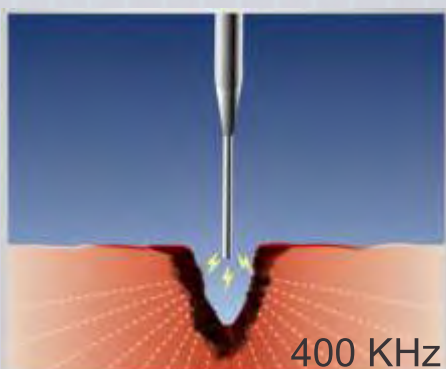
Faith High Frequency Low Temperature Radio Frequency Systems minimize heat dissipation and cellular alterations. The electrodes do not generate heat resulting in real low temperature cutting. This advance technology provides unparalleled surgical control, precision, versatility and safety.

Advantages of Faith High Frequency Low Temperature Radio Frequency Systems include:

- Minimum tissue alteration
- Maximum hemorrhage control
- No burning or charring of tissue
- Surgical precision
- Reduced operating time
- Improved visibility of the operating field

The clinical benefits of Faith High Frequency Low Temperature Radio Frequency Systems include:

- Reduced post-operative discomfort
- Pressureless, micro-smooth, bloodless incision
- Minimal scar tissue formation
- Enhanced healing



High Frequency RF Surgery : Faith RF38

The Future of Surgery - Radio Frequency

Specifications : Faith RF38

Output Frequency : 3.8MHz

Output Power : 0 ~ 100 W

Output Voltage : Variable from 500 to 600 ± 20%

Mode & Output Waveform

- Cut (Fully Filtered)
- Cut & Coag (Fully Rectified)
- Coag (Partially Rectified)
- Fulguration (Spark Gap)



Accessories



Foot Switch



Neutral Pad



RF Surgipen

Optional Reusable Electrodes



Faith RF38

INTENDED USE

Cutting

skin incisions, biopsy, cysts, abscesses, tumors, cosmetic repairs, creation of skin flaps, skin tags, keratosis, oculoplastic procedures, blepharoplasty, aponeurotic repair, levator resection.

Blended Cutting and Coagulation

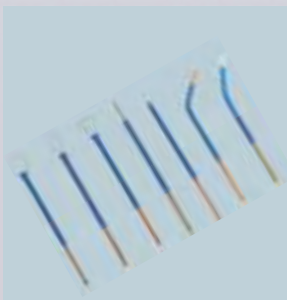
skin tags, papilloma, keloids, keratosis, verrucae, basal cell carcinoma, nevi, skin tags, fistulas, epithelioma, cosmetic repairs, cysts, abscesses, development of skin flaps, oculoplastic procedures.

Hemostasis

control of bleeding, epilation, telangiectasia.

Fulguration

basal cell carcinoma, papilloma, cyst destruction, tumors, verrucae, hemostasis



High Frequency RF Surgery : Faith RF4017

The Future of Surgery - Radio Frequency

Specifications : Faith RF4017

Output Frequency : 4.0MHz - Monopolar Mode
1.71MHz - Bipolar Mode
Output Power : 0~100 W
Output Voltage : Variable from 500 to 600 \pm 20%

Mode & Output Waveform

- Cut (Fully Filtered)
- Cut & Coag (Fully Rectified)
- Coag (Partially Rectified)
- Fulguration (Spark Gap)
- Bipolar



Accessories



Foot Switch



Bipolar Forceps



Neutral Plate



RF Surgipen

The heat injury with Faith4017 is less than 15 microns. These systems are designed for pressureless incision with no lateral heat conduction, no ambustion (burn/ scald) of the tissue, no alteration in cell shape and no tissue oedema. The surgery will result in reduced pain, minimal scar, nominal smoke, maximized hemorrhage control and fast healing.

The neutral plate does not need full contact with skin as no electrical current passes through the body. It completely eliminates the skin burns caused by traditional Electro Surgical Units (300 ~ 500 KHz)

INTENDED USE

Cutting, Blended Cutting and Coagulation, Hemostasis & Fulguration in :

Dermatology, Plastic Surgery, Cosmetic Surgery, Oculoplastics, Trichiasis Surgery, Stomatology, Dental & Maxillofacial Surgery, ENT Surgery, Nasal Polypectomy, Gynecology, Endoscopic Biopsy, Colposcopy, Hysterosocopy, Knee & Shoulder Arthroscopy, Spine Surgery, Discectomy, Tumor resection, Endometrial ablation, Neuro Surgery & Cardiovascular Surgery



Manufactured by :

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