

PROMOITALIA
MEDICAL AESTHETICS

Fluxtek^{PRO}

Pro Fluxtek is the first medical device for non invasive microsurgery intervention and for dermatological treatment.



The device is portable and it is equipped with a wide touch-screen display to allow an easy selection of preset therapeutic protocols or for the manual setting of the treatment parameters.

Pro Fluxtek is equipped with *2 specific probes*, one for dermatological surgery and the other for vascular surgery. Both are equipped with medical-grade stainless steel electrodes.



OPERATIVE PRINCIPLES

Pro Fluxtek uses two suitable generators which work in two modes:

- 1) **FLUX mode**
- 2) **RADIOWAVE mode**

1) With the Flux mode we use an Electric Arc which is an electrical breakdown of a gas that produces an ongoing electrical discharge, it consists of an ionized gas, made of a combination of electrodes and ions, globally close to neutral. Pro Fluxtek is able to generate plasma thanks to the electric discharge triggered by approaching the electrode to the skin without coming into contact with it. The microcurrent, through the electric discharge triggered, leads to an increase in temperature at a precise point of the area to be treated, very selectively and with a high energy density, with the effect of causing controlled destruction of the tissue through **"electrocution"**.

2) With diathermocoagulation the high frequency power generates heat by going through tissues. Energy transfer occurs through conduction, by means of contact of the electrode with tissues. Once reached a specific temperature, proteins rapidly coagulate and water slowly evaporates **"Coagulation"**.

Thanks to the specific modulation of the high frequency current, it is possible to perfectly control the effect.

INDICATIONS FOR DERMATOLOGIC SURGERY

- Soft lifting of excess skin and in particular corrections of eyelid ptosis of average extent (non-surgical blepharoplasty)
- Complete treatment of skin dyschromias
- Treatment of periumbilical stretch marks
- Removal of: warts, fibroma, keloids, xanthelasma, neves, dyskeratosis, molluscum contagiosum etc. removal
- Treatment of scars
- Treatment of acne marks and scars

INDICATIONS FOR VASCULAR SURGERY

- Capillaries
- Cherry hemangioma
- Spider veins
- Telangiectasia
- Couperosis
- Hemangioma
- Ulcer cleaning

