



DIPLASMA

A FIRST BUT IMPORTANT STEP
FOR ACTING ON THE FACE'S SKIN SURFACE

MEDICAL DIVISION

BALDAN GROUP

PLASMA

PLASMA is a micro-radioscalpel technology with dermal sublimation controlled with a voltaic arc plasma generator that interacts exclusively on the surface tissues to restore tone to the tissues.

PLASMA uses the ionisation of gases in the air to generate a small electrical arc comparable to a small bolt of lightning, which acts at the epidermal level by creating a sublimation, that is, a direct transition from the solid to the gaseous state. The heat transmitted is focused only at the point of interest, without altering the surrounding tissues.

In contact with the epidermis, the micro-plasma beam sublimates the corneocytes, which are the upper cells that form the protective layer of the epidermis. An amount of energy also reaches the dermis for an immediate contraction and reorganisation of the collagen fibres, a formation of new collagen and a renewal of the epidermal tissue.



NON-ABLATIVE SURGERY DOES NOT CAUSE TISSUE DAMAGE

NON-ABLATIVE SURGERY IS A DERMATOLOGICAL SURGICAL TECHNIQUE
APPLIED BY MEANS OF A PLASMA INSTRUMENT,
THAT ALLOWS THE TREATED TISSUES TO SUBLIMATE WITHOUT CAUSING
DAMAGE TO THE SURROUNDING ONES

PLASMA is an electro-medical precision instrument, extremely handy, ergonomic and high performance, that can be used to intervene on many skin issues and blemishes thus avoiding the use of others surgical instruments such as a Laser or Radioscalpel.

This technique was developed as a response to the need to intervene on skin issues or blemishes where it is difficult to use a laser instrument (due to the coefficient of reflection or absorption) or a diathermycautery (due to low electrical conductance of the tissue) or electrons (due to the inability to treat vascularised tissue).

PLASMA ensures that the thermal increase due to the Joule effect only involves the external tissues, sublimating both poor conductive tissues and normo-conductive ones (skin spots, moles, genital warts, fibromas, wrinkles, warts, etc.), without causing depressions or discolourations.

PLASMA is equipped with a metal needle that emits a particular energy called plasma (the fourth state of the matter) that allows eliminating unsightly drooping eyelids. The effect on the epidermis is of an ablative type, in other words, the surface layer of the skin is “burned” in specific points.

The area of the skin affected by the treatment is the most superficial one, the epidermis, minimising heat loss in the surrounding tissues. The small point-like burns neither alter the dermis nor cause any bleeding.

FIELDS OF APPLICATION

Flabby and drooping skin,

Excess skin wrinkles

Skin lesions:

hyperchromic skin

warts, birthmarks, keloids

fibriomas, xantelasms, discheratosis

cherry angiomas

facial capillaries

The technique does not involve the use of anaesthetics by infiltration and it is not painful. It is sufficient to use an anaesthetic cream to be left in place for 15-20 minutes, before performing the treatment. In the hours following the treatment tiny crusts will form and will fall off spontaneously in the subsequent 7 days. The treated area appears slightly reddened and should be protected from direct sunlight. It is not necessary to make use of medications or drug therapies after treatment and all activities can be resumed immediately





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