La rivoluzione del M.I.V.E.L.

Medicina Estetica e offerte online: come vendere (intelligentemente) i trattamenti medico-estetici

La regola del “non dolore e del movimento contrario”: controindicazione assoluta alla manipolazione vertebrale?

Malta: il tesoro dell’isola
THE ROLE OF QUADRIPOlar RADIOFREQUENCY IN AESTHETIC SURGERY AND MEDICINE

INTRODUCTION
Cosmetic surgery and medicine have undergone immense evolution over the last few years. Aesthetic medicine has expanded its horizons thanks to new methods, new devices and enhanced equipments, enabling us to achieve better and more lasting results.

Plastic surgery, instead, has improved the surgical techniques for face and body, making them less and less invasive; nowadays surgery is often combined with aesthetic medicine in order to allow a faster recovery and improve the overall aesthetic results.

Radiofrequency is a well known resource in aesthetic medicine, whose technical features can make it the ideal complement to surgical treatments as well.

Particularly relevant among the new-generation radiofrequency technology devices is the “Dynamic and Fractional Quadripolar Radiofrequency” exclusively property of Novavision Group.

AIM AND INDICATIONS
It's an absolutely painless treatment, no local anesthesia is required, whose side effects are minimal, in most cases the treated areas can just show mild redness for a few hours. This last generation emits specific electric flows in order to treat several face and body blemishes by generating heat only in the concerned skin layer – from the most outer superficial one, to the deepest one – thus triggering the regeneration, tightening or lipolytic required processes.

The primary advantage of the Quadripolar Dynamic Radiofrequency technology, is that we are able to deliver the heat only to the targeted skin layer: when working in depth, the epidermis remains completely untouched and safe, while it becomes vigorously stimulated when performing fractional radiofrequency resurfacing treatments.

Prior to treatment a layer of gel is applied in order to properly transfer heat to the tissues.

In case of lifting and firming treatments, heating the dermal layer not only involves proinflammatory cytokines release, it also causes collagen matrix contraction and stimulates the local fibroblasts to produce new collagen.

On the face, the immediate benefits of the treatment is a tighter and smoother-looking skin and wrinkles improvement; the long-term effect is an improvement of the skin tone and firmness, due to the production of new collagen in the deep layers of the skin.

Radiofrequency has positive effects on the micro circulation as well and performs a draining effect, therefore it is suitable for the treatment of cellulite, localized fat deposits, circulatory and lymphatic stasis. It can be used in all cases of skin laxity (lower limbs, abdomen, arms) to restore firmness to the treated areas, or tighten the face skin reducing wrinkles and laxity with the outcome of a non-surgical facelift.

RADIOFREQUENCY AND COSMETIC SURGERY
At Leonardo Clinic's Department of Plastic Aesthetic Surgery, radiofrequency is performed either as a stand-alone procedure, to improve ageing skin of the face and the body, or in combination with surgical procedures.

The average treatment protocol for an overall facial rejuvenation includes 5 sessions of radiofrequency, performed two months before a soft “thread face lift” and facial fat grafting, and 5 sessions one month later.
This enables us to obtain a non-surgical facelift which includes jaw line contouring, skin tone improvement and wrinkles reduction. (Pic 1-2)

In case a rhytidectomy (face lift surgery) is required, the treatment protocol still includes 5 sessions of radiofrequency performed two months before the surgery, that mainly focus on the lower part of the neck, in order to restore the dermal architecture of the skin and boost the deep healing process this surgery involves, owing to the facial soft tissue detachment.

During the post op recovery time 3 more radiofrequency sessions are performed, using the fractional handpiece RFH4, to obtain a resurfacing of the periocular and perioral regions. (Pic 3-4-5)

As regards the body, we propose a series of radiofrequency treatments that prepare the abdominal area, the inner thigh, the buttocks and the arms to a successful suture suspension lift, allowing a better anchorage of the threads to the deep fascia and reducing the skin laxity.

In particular, the buttocks area involves: 8 intensive sessions of radiofrequency for toning the gluteus maximus before the thread suspension treatment, and 8 more one month later. This way we can achieve the best lifting result, emphasizing the traction effect of the sutures. (Pic 6 -7)

In case of liposculpture of abdomen or lower limbs, patients with sagging skin are treated with 8 radiofrequency sessions two months before the intervention, and 5 more sessions after.

This allows greater skin retraction both in the treated and the surrounding areas, therefore enhancing the aesthetic results.

The procedure takes about 30 minutes for the face and about 40 minutes for the body.
CONCLUSIONS

To conclude, our experience shows that the outcome of a cosmetic medicine or surgery treatment can be dramatically enhanced if we include a series of radiofrequency sessions both in the preoperative and the postoperative phases.

This global approach makes patients satisfied, as once they've been properly informed they are able to appreciate not only to the aesthetic outcome they have obtained but also its long lasting effectiveness over time.
REFERENCES

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