

OXYENERGY PARIS



OXYENERGY ENHANCER
The ultimate in electroporation

www.oxynergy.com
contact@oxynergy.com

WHAT IS ELECTROPORATION?

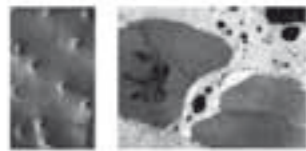
Needle-free **Electroporation** enhances the transdermal transport of topical products, through the epidermis to the dermis. The radiofrequency (RF) produces a cellular electroporation reducing the permeability of the skin and opening cellular pores. At the same time the radio-frequency (RF) increases the skin temperature of 2 to 3°C to stimulate the collagen synthesis and skin tightening.

CLINICAL STUDY

* The electroporation by high voltage and short pulses radio frequency produces electro-permeability of the cellular membrane, (reversible and transitory "pores") facilitating the administration of substances. **(3)**

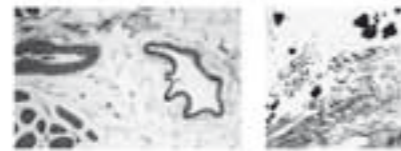
* Radiofrequency electroporation effectiveness for the transdermal transport of Indian ink has been demonstrated (formation of "pores" & intercellular channels, product traces found in dermis and collagen fibres). This method can be considered as a non-invasive alternative for administration of macromolecules into the skin although it is recommended to use products optimized for transdermal delivery (vectorized actives, preservative free or sterilized, alcohol free, etc.). **(4)**

(3)



Formation of intercellular pores in the area of the hair follicle with massive diffusion of Indian ink (M.E. 5000x).

(4)



Indian ink in the dermis and blood vessels (M.O. 312.5x).

Indian Ink in the dermis and the collagen fibres (M.E. 9300x)

Waves type:

1. Hectometrical
2. Modulated (same interval between each wave)
3. Pulsed (waves are outstanted by the probe with a break, it permits to produce reversible electroporation)

Clinical advantages:

1. Non ionizing waves (no diathermical nor thermal)
2. No molecular disintegration
3. No electrical contact with the patient.
4. Reversible process.
5. No morphological alterations
6. Higher product dissemination in the tissues
7. Cellular transfer

Aesthetic indications:

- Anti-ageing
- Wrinkles & expression wrinkles
- Skin tightening
- Eye contour rejuvenation
- Deep moisturizing
- Skin lightening
- Age spots reduction
- Hair loss reduction
- Scars
- Acne
- Stretch marks
- Cellulite
- Fat reduction
- Post surgery to reduce oedemas

Oxynergy Enhancer® is without doubt offering all the advantages in non-invasive aesthetic medicine, immediate and long-lasting results.

WHICH IS THE INTEREST?

It allows delivering drugs in a topical way without pain, needle, skin damage or morphological modifications. Sterilized or preservative free active formulas can be introduced at the deepest level of the epidermis and superficial dermis. This technology has been successfully used to enhance the skin permeability to molecules with differing lipophilicity and size including biopharmaceuticals with molecular weights greater than 20 kDA. The natural collagen synthesis is also stimulated by temperature effect producing skin tightening. Face & body can be treated efficiently, results can be seen since the first session and long term results can be achieved after 4 to 5 sessions.

PURE ESSENCE FOR OXYNERGY ENHANCER

PRESERVATIVE, PERFUME, COLOURING, SILICONE & ANIMAL EXTRACTS FREE



PROFESSIONAL & HOME USE SKIN CARE

PARABEN, PERFUME, COLOURING, SILICONE & ANIMAL EXTRACTS FREE



Current type:

1. High voltage (between 450 to 1550 volts)
2. Low intensity
3. Low amplitude
4. Short discharging times: Milliseconds

Quality advantages:

1. Made in France
2. 2 years warrantee
3. CE approved
4. LCD screen
5. Probes for face & body
6. 3 levels of treatments
7. Compact

Medical indications:

- Rheumatologic and neuromuscular
- Osteoarticular and chronic pathologies
- Muscular traumatism and breakings
- Neuralgias