

bio**E**volution

BIOEVOLUTION MESO RE-VITAL
microneedle mesotherapy



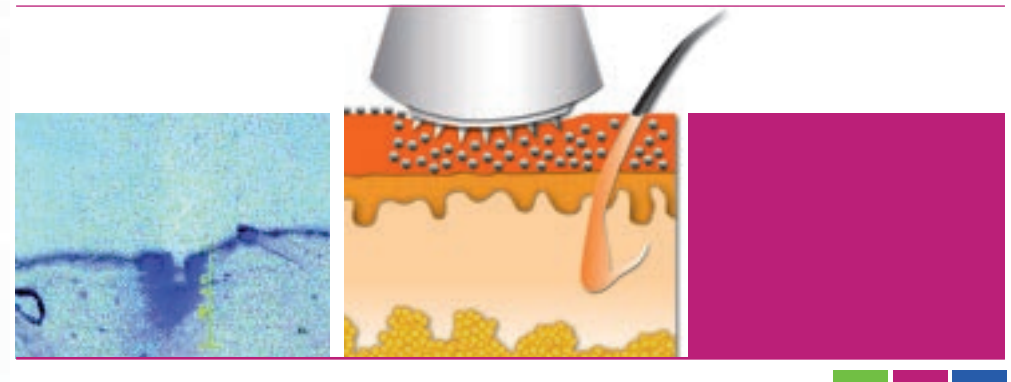


A new concept of microneedle mesotherapy. Exceptionally efficient treatments for comprehensive skin regeneration. Meso Re-Vital Concept – allows for the introduction of active substances into deeper skin layers - precisely where their action is the most efficient. In this way, active substances stimulate cell metabolism in a more intensive manner and force regeneration process. Additionally, mechanical perforation of the epidermis stimulates skin receptors and better blood circulation.



BIOEVOLUTION MESO RE-VITAL - therapy

Permeation of active substances deep inside the skin is one of the greatest problems of contemporary cosmetology. Substances with molecules larger than 200 nm (vitamins, hyaluronic acid) cannot permeate through the epidermal layer due to the limited space between epidermal cells. Injections or perforation of the epidermis are the only effective methods for permeation through the epidermal layer for molecules with diameter larger than 200 nm. The Meso Re-Vital method uses the technique of micropuncture (microperforation) of the epidermis. As a result the epidermal structure is not barrier. Active substances permeate through the epidermis and spread within the dermis.

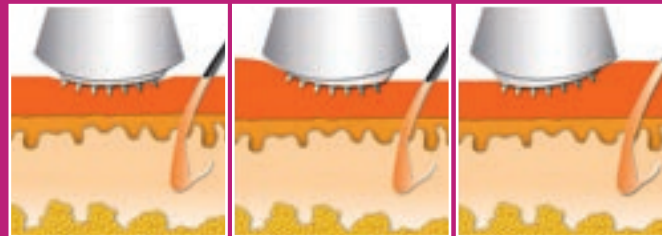
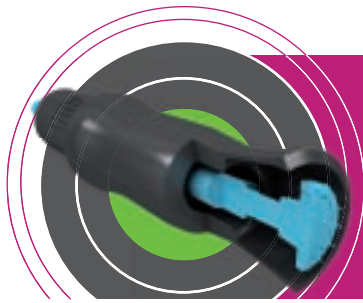


BioEvolution has developed and patented a cartridge system which ensures compliance with the highest safety and hygiene standards. An internal membrane prevents cosmaceutics and blood from moving back to the hand-piece. In this way, it eliminates the possibility of contamination during a microneedle mesotherapy treatment. Single-use cartridges are packed in sterile blisters. Each cartridge has a serial number.

Meso Re-Vital cartridges can be used in BioEvolution permanent make-up devices and other devices in which cartridge needles are used. Owing to this concept, permanent make-up devices can be now used also for microneedle mesotherapy treatments.

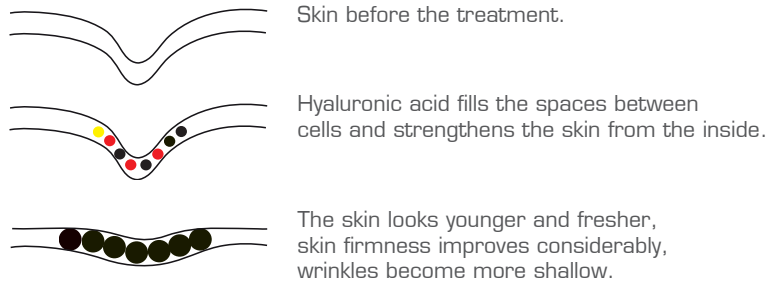
Meso Re-Vital cartridges are equipped with a plate with a surface covered with 18 microneedles which puncture the skin in delicate manner. There are also 13 openings on the surface of the plate which allow unobstructed flow of Meso Re-Vital active substances.

Microneedles are 0.5 mm long, which makes it possible to puncture the skin up to the depth of 0.3 mm. Micropunctures do not affect the blood system, owing to which treatment can be performed not only by aesthetic medicine clinics but also by cosmetologists and beauticians.

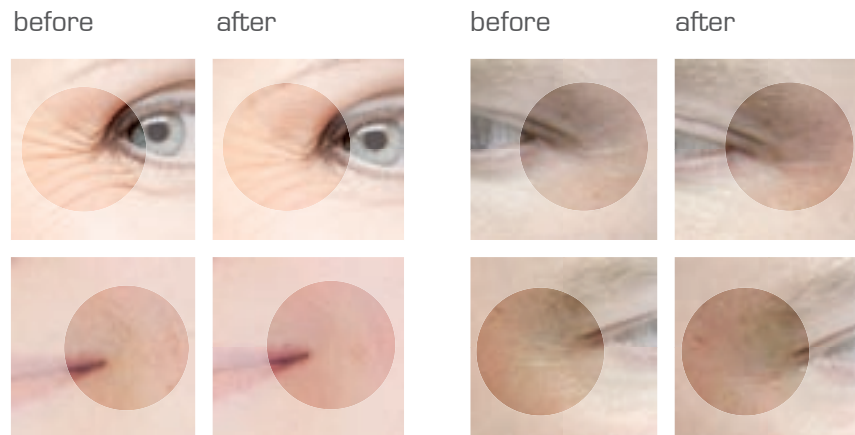
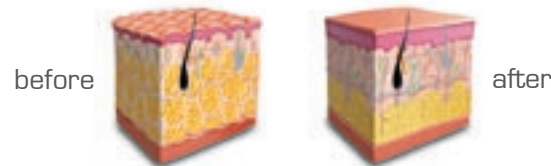


The plate with microneedles is convex and flexible, owing to which its surface adjusts to the shape of the treated sites and easily gets to sites which are normally difficult to reach. Meso Re-Vital cartridges enable effective perforation of the epidermal layer (epidermis) and owing to the created micropunctures, make it possible to introduce active substances with larger molecules to the dermis layer in a painless manner. Normally, it is not possible for such molecules to permeate so deep down.

The effectiveness of hyaluronic acid in **MESO RE-VITAL med**



a series of 8 treatments



Meso Re-Vital med - REJUVENATION EFFECT

It smooths out mimic wrinkles and makes them more shallow, stimulates the collagen and elastin production.

It contains:

Hyaluronic acid (3 %)

This is a compound which perfectly binds water in the epidermis, thus reducing wrinkles. One molecule of hyaluronic acid is capable of binding 250 water molecules. In the human skin, hyaluronic acid is a component of the dermal extracellular matrix. Hyaluronic acid is abundant in young skin, which guarantees its resilience and lack of wrinkles. The amount of the acid decreases with age. Later on, human skin undergoes the process of ageing, loses its ability to bind water and wrinkles are formed.

Peptides

Hexapeptides are protein substances imitating the effect of the botulinum toxin (botox). Like botox, peptides affect the operation of contractile fibres, however, they do not block connections between the nerve and the muscle supervised by this nerve. In this way, facial expressions remain unchanged.

Young cells relax after a contraction to their original shape, older ones lose this ability. Peptides relax them and prevent the formation of mimic wrinkles by eliminating muscle tension.

Tiny peptide cells, i.e. amino acids, permeate deep into the skin and stimulate it to produce fibres responsible for skin firmness and smoothness.

Lipopeptides (chains containing balanced quantities of fat and water) penetrate deeper skin layers regenerating the elastin and collagen structures.

Peptides help to fight the ageing process: they reduce wrinkles (lifting effect) and restore natural firmness to the skin, exhibiting skin repair effect.

They improve the condition of the epidermis, influence its regeneration, appropriate moisture content and proper cell divisions. They improve the function of the layer between the epidermis and dermis which is responsible for proper communication between cells and sending impulses which regulate processes which keep the skin young and healthy. They intensify the synthesis of skin support proteins, primarily collagen and regeneration of the dermis



Meso Re-Vital fresh – REFRESHING EFFECT

A refined composition of vitamins, Q10 and amino acids provides the skin with necessary nutrients. An ideal treatment for mature skin. A rich complex of nutritional ingredients stimulates very intense skin regeneration.

It contains:

Vitamins

- Natural antioxidants.
- Vitamin E enhances the skin's natural protective barrier minimizing the ageing process and protects against external factors.
- They protect the skin and enhance its regeneration.

Amino acids

- They have perfect capabilities of retaining water in the skin.
- They are natural protection against free radicals.

Q10 Coenzyme

- It protects and cares for mature skin through its antioxidant activity. It inhibits the process of free radical formation and activates cell metabolism.

Meso Re-Vital pure – REGENERATION EFFECT

A spa treatment which protects and regenerates the skin. It contains amino acids, soy and yams root extracts. It helps to regenerate tired, dull and dehydrated skin. It nurtures and visibly lightens the tone of the skin.

It contains:

Yam root extract (yams roots)

- It improves the condition of the skin and eliminates the scaling effect for dry and sensitive skin.

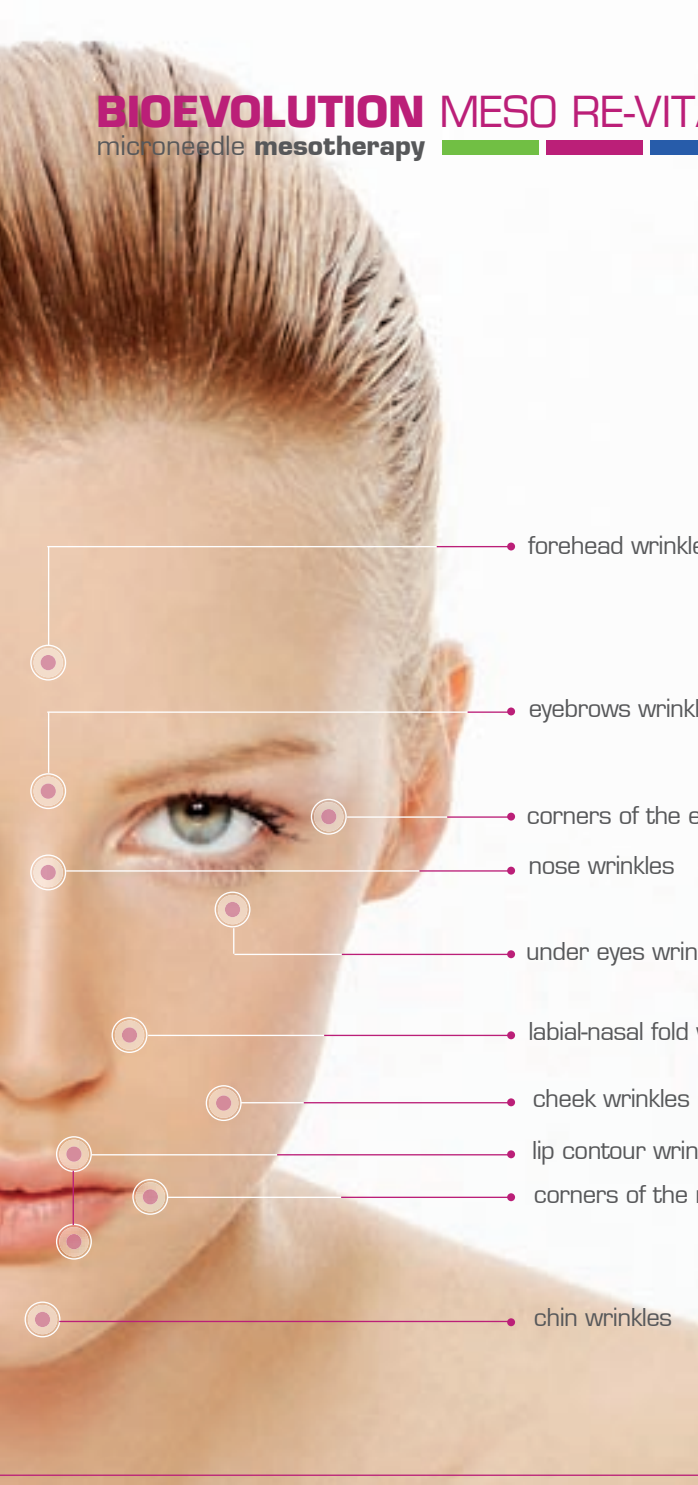
Soy extract

- Enhances the skin's natural resistance. It has anti-inflammatory properties and it prevents skin dryness.
- It lightens the tone of the skin.

Amino acids

- They have perfect capabilities of retaining water in the skin.
- They are natural protection against free radicals.

Before the treatment, apply Meso Re-Vital AHA peeling (concentration of acids 6 %, pH 7). It helps to remove dead cells from the skin and stimulates metabolism. End each procedure with Meso Re-Vital after care cream. It smooths the skin perfectly after the treatment and soothes irritation. It contains panthenol, macadamia nut oil and grape seed oil.



- forehead wrinkles
- eyebrows wrinkles
- corners of the eyes wrinkles (crow's feet)
- nose wrinkles
- under eyes wrinkles
- labial-nasal fold wrinkles
- cheek wrinkles
- lip contour wrinkles
- corners of the mouth wrinkles
- chin wrinkles



back of the hand

face

neck

neckline

BIOEVOLUTION MESO RE-VITAL

offers treatments for:



- the face
- the neck
- the neckline
- the back of the hand
- stretch marks and scars

BIOEVOLUTION MESO RE-VITAL - treatment description



1. Remove make-up, thoroughly clean the skin using gel or liquid which does not contain any mineral oils as they inhibit permeation of active substances.
2. Apply Meso Re-Vital AHA peeling to the treatment area. Do not use mechanical peeling.
3. After 5-10 minutes, remove the Meso Re-Vital AHA peeling and apply the selected active substance directly onto the skin. Never perform the treatment when the skin is dry.
4. Fill the cartridge with the selected active substance.
5. Start the treatment holding the handpiece with the cartridge vertically (80-100 r/ s). Slightly stretch the skin with your fingers to obtain the effect of uniform perforation.
6. At the end of each treatment, apply Meso Re-Vital after care cream (by patting the cream in gently and not by massaging).

If strong redness or slight bleeding occur during the treatment, reduce the speed of puncturing and cartridge pressure. Never press the cartridge too strongly to the skin.

A series of 8 treatments is recommended (one or two treatments per week). A break before a subsequent series of eight treatments should be four weeks.

BIOEVOLUTION MESO RE-VITAL - contraindications

- skin anomalies in the treatment area: neurodermitis (skin lesions in the form of rash), itchiness, tendency to cutaneous conditions, excessive dryness and scaly skin), eczema, acne, psoriasis, verrucas, moles, birthmarks etc.
- inflammatory conditions of the skin
- herpes simplex inflammatory conditions
- weakened immune system
- skin hypersensitivity.

BIOEVOLUTION MESO RE-VITAL

microneedle mesotherapy



BIOEVOLUTION MESO RE-VITAL
microneedle mesotherapy

BioEvolution
equipment for permanent make-up and microneedle mesotherapy

Oreade laser I



Oreade laser II



Margo I



Margo II



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- www.bioevolution.eu
- www.re-vital.com