

Mf

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MEDER

BEAUTY SCIENCE



MYO-FIX

each set contains

ENERGISING CLEANSING EMULSION	5 monodoses, 5 ml each
ENZYME MASK	5 monodoses, 5 ml each
ANTIOXIDANT SERUM	5 monodoses, 5 ml each
MYO-FIX CONCENTRATE	5 monodoses, 2 ml each
MYO-FIX MASK	5 sachets, 1 mask each
SOUS-CREAM DERMA FILL	5 monodoses, 3 ml each

NON-INVASIVE MIMIC WRINKLE CORRECTION TREATMENT

Problem:

Mimic wrinkles in the upper and middle thirds of the face, nasolabial folds and wrinkles in the lip area.

Solution:

Myo-Fix is the new and improved non-invasive correction treatment by Meder Beauty Science (2013).

The treatment was developed by Tiina Orasmae-Meder (MD) and a group of Swiss biochemists in 2008-2009 and was updated in 2013.

The biologically active peptides that are present in the Myo-Fix active concentrate and occlusive mask inhibit the neurotransmitter function and are used for correction of mimic wrinkles in this treatment. A unique 3-step skin preparation protocol is used to enable deep penetration of the active ingredients.

Result:

The mimic wrinkles are less pronounced, facial expression is more relaxed, improvement of skin tone, improved tissue tone forming the oval of the face. The colour and texture of the skin are more even. Overall rejuvenation, hydration and brightening effects.

Duration of the treatment: 45-60 minutes.

Course duration:

A standard course of 5 treatments. In case of exaggerated facial expressions or deep wrinkles it is possible to have two courses one after another.



Products used for performing the treatment:

1. Energizing Cleansing Emulsion – Demaquillant Energisant – 1 [En] (5 ml).

This product is designed for the removal of make-up, cleansing of the skin and light exfoliation of the epidermis.

Key ingredients:

- **Sweet almond oil.** Nourishes, softens and deeply hydrates the skin. Restores the barrier function of the epidermis.
- **Bacillus Ferment.** Saccharomyces, Lactobacillus, Leuconostoc, Streptomyces griseus, Aspergillus and Bacillus filtrate. Provides a pronounced keratolytic effect.
- **Niacinamide (vitamin B3).** Strengthens the capillary circulation and arterial blood flow. Oxygenates the skin, improves the processes of local tissue metabolism and bioavailability of the active ingredients applied in the following stages of the treatment.
- **Methylnicotinate.** Oxygenates the skin tissues, widens the arterial capillaries, enhances the peripheral circulation and the receptivity of the epidermis.
- **Vitamin E.** Provides membrane-protective and nourishing effects, improves the processes of skin regeneration.

Application method: apply directly on the skin, massage for 2-3 minutes, rinse with sponges or towels wet in lukewarm water. In a few minutes following the application of the product a hyperemia may occur.

2. Enzyme mask – Masque Enzymatique – 2 [Ez] (5 ml).

This product is designed for gentle exfoliation and cleansing of the skin. It also prepares the skin for the application of active ingredients in the following stages of the treatment. Suitable for sensitive skin. The exposure time is 5-6 minutes after application, the peel can then be rolled up off the skin using a gommage technique.

Key ingredients:

- **Shea butter.** Polysaturated fat acids present in shea butter have membrane-protective effect, nourish and soften the skin.
- **Bacillus Ferment.** Saccharomyces, Lactobacillus, Leuconostoc, Streptomyces griseus, Aspergillus and Bacillus filtrate. Has a pronounced keratolytic effect, smoothes the skin, provides a gentle seoregulation effect, reduces the height of small wrinkles and prepares the skin for the application of active ingredients.
- **Vitamin E.** Provides membrane-protective and nourishing effects, improves the processes of skin regeneration.

Application method: apply directly on the skin, massage gently until the mask turns into a light buttery emulsion, rinse with warm water after 6-8 minutes. It is recommended to pay special attention to those zones where the wrinkles are more pronounced. During the massage hyperemia might increase, a client might also have a sensation of warmth.

3. Antioxydant Serum – Sérum Anti-Oxydant – 3 [Ao] (5 ml).

This serum is designed to prepare the skin for application of the active concentrate for wrinkles correction. It has calming and hydration effects and also helps oxygenation of the skin and increases tissue metabolism.

Key ingredients:

- **Bilberry leaves and berries extract.** Anthocyanids, the main active ingredients of the extract, have a pronounced antioxidant effect, help to restore the capillary vascular walls and protect the cell membranes.
- **Sugar cane extract.** Polysaccharides of sugar cane moisturise the skin, while flavones (tricine, luteolin, apigenin), isoflavones and polyphenols provide vasoprotective effect, increase the regeneration processes in the connective tissue and help restore the capillary endothelium. Hydroxycinnamic, Caffeic and Sinapic acids reduce the intensity of the oxidation processes, in particular, the activity of lipid peroxidation.
- **Citrus Medica Limonum and Citrus Aurantium Dulcis (Lemon and Golden Sweet Orange) extracts.** Mellow the skin, increase the permeability of the epidermis for small peptide molecules, stimulate synthesis of collagen and elastin.
- **Canadian maple leaf extract.** A great source of polysaccharides, has moisturising and nourishing effects.
- **Aloe Barbadensis extract.** Calming and soothing effects, strengthens regenerative and wound healing processes. Increases the stress-resistant properties of the skin tissues.
- **Niacinamide (vitamin B3).** Strengthens the capillary circulation and arterial blood flow. Oxygenates the skin, improves the processes of local tissue metabolism and bioavailability of the active ingredients applied in the next few minutes.
- **Magnesium compounds (Magnesium Chloride and Magnesium Nitrate).** Calming effect, increases the reparative processes in the nervous tissue. Mitigates the manifestations of vegetative-vascular imbalance.

Application method: apply the drops of serum directly on the surface of the skin without using cotton wool pads of any sort. It is possible to perform light drainage or circulatory massage without reaching the stage when the serum is fully absorbed by the skin. It is also possible to perform an ultrasound treatment for 3-5 minutes, paying particular attention to the areas with wrinkles.

4. **Myo-Fix Concentrate – Concentré Myo-Fix – 4 [Mf] (2 ml).**

This product is designed for the correction of mimic wrinkles following the full protocol of skin preparation.

Key ingredients:

- **Acetyl Hexapeptide 3**. biologically active synthesised peptide consisting of a sequence of six amino acids. Acetyl Hexapeptide 8 breaks the postsynaptic transmission of neuromuscular impulse in the acetylcholine receptors. When applied topically on the prepared skin its active penetration zone is from the skin surface to the skin attachment point, i.e. it targets the fibres of mimic muscles attached to the skin. Consequently the muscular contractility is decreased locally and skin tension and wrinkling with facial expression are dramatically reduced while muscle tropism remains completely intact. The result is cumulative - it builds up with each treatment.
- **Leuphasil**. Biotechnological peptide synergistic to Acetyl Hexapeptide 8. Enhances the blocking of neuromuscular transmission, reduces the sensitivity of nerve endings of the skin, reduces the sensitivity of muscles and skin to stress hormones.
- **Syn-Ake**. Biosynthesised peptide mimicking the venom of the Temple Viper. It has a neuromodulatory action, quickly reduces the mobility of facial muscles in the areas of application, providing a long-lasting blocking effect. Particularly effective in the eye area.

Application method: apply on the zones of active mimic, don't massage. It is possible to actively rub the concentrate into the wrinkles for a few minutes using an applicator or a cotton stick.

5. **Myo-Fix Mask – Myo-Fix Masque – 5 [Mf] (sachet with one mask).**

A mask based on non-woven elastic-stretch bamboo fibre soaked with hydrogel. Increases the effects of hexapeptide, blocks mimic activity, has nourishing, regenerating and anti-ageing effects, smoothes fine lines and enhances the healing processes. The new technology of occlusion with hydrogel dramatically increases the bioavailability of the active ingredients.

- **Acetyl Hexapeptide 3**. Interrupts the neuromuscular transmission in the facial muscles when trying to contract. Mimic wrinkles correction.
- **Palmitoyl Tetrapeptide 7**. Reduces the production of interleukins, which trigger the inflammatory process. Has a powerful antioxidant effect and dramatically increases the synthesis of collagen and elastin. Fills wrinkles and improves skin tone.
- **Palmitoyl Tripeptide 1**. Increased expression of growth factors of the dermis and epidermis. A marked increase in the synthesis of collagen and elastin, and hyaluronic acid. Fills wrinkles and improves skin tone.
- **Nonapeptide 1**. Mimics the skin's epidermal growth factor, hinders the melanin production. Fills wrinkles, improves skin tone and has a brightening effect.
- **Skinasensil (Acetyl Tetrapeptide 15)**. Reduces synthesis of prostaglandins and interleukins. Soothing, anti-inflammatory and vessel strengthening effects.
- **Hyaluronic acid**. Deep hydration of the skin.
- **Glycerine**. Deep and superficial skin hydration.

Application method: put the sachet with mask in a bowl of warm water (50-60 C) for a few minutes. Then open the sachet, remove the mask and carefully expand over the client's face and neck. Lightly stretch the mask, position respectively the slits for eyes, nose and mouth. Fix the top slot on the ears, straighten the stretched material, then secure the lower part of the mask on the face and chin and put the lower slots on the client's ears over the top slots. Leave the mask for 20 minutes. It is also possible to use ultrasound.

6. **Finishing Sous-Creme Derma Fill – Derma-Fill – 6 [Df] (3 ml).**

A light emulsion-gel designed for deep moisturisation of the skin. It has a wrinkle filling effect and restores moisture and water-salt balances of the skin.

Key ingredients:

- **Hyaluronic acid**. The 500 kDa rule refers to the molecule's size – according to this rule, only molecules smaller than 500 kDa are able to pass the cutaneous barrier and penetrate into the deeper layers of the dermis. Hyaluronic acid chains per se can be up to 25000 units long with molecular weight up to 20000 kDa. In order to keep control on the molecule's size, hyaluronic acid in the form of chains of three different sizes can be placed in tanks known as dendrimers (fractal polymers). Dendrimers represent a new revolutionary method of transporting hyaluronic acid, the skin's own moisturising agent, past the cutaneous barrier allowing them to penetrate deeper into the skin's layers. They have a three-dimensional tree like structure and consist of chemical 'shells'. After removing the core, the empty area is filled with guest molecules of hyaluronic acid fragments that are released as the dendrimer travels deeper into the dermis. After applying the product to the skin, the release of dendrimers lasts for 10-12 hours, filling the skin with hyaluronic acid layers and providing gradual moisturisation.
- **Algae extract**. Brown ocean algae is a rich source of polysaccharides and amino acids. Polysaccharides have a pronounced superficial moisturising effect - they even out the epidermis, covering it with a thin film locking down the moisture on the surface. Amino acids (aspartame, glutamic acid, glycine, alanine, serine, valine, isoleucine and leucine) restore structural molecules from the upper layers of the dermis and peptide components of the cell membranes, increasing synthesis of collagen and elastin.

Application method: apply on the face and neck, spread evenly. Perform a light massage following the main massage lines until the emulsion is fully absorbed.

Treatment protocol:

1. Purifying the skin with Energising Cleansing Emulsion. Apply the contents of ampoule 1 [En] to the skin, massage the face with gentle circular motions for 1-2 minutes. After 1-2 minutes from the start of massage hyperemia may occur in the zones where the emulsion was applied. It is a normal reaction, no special steps need to be taken. Rinse with sponges or towels wet in lukewarm water.
2. Exfoliation with Enzyme Mask. Apply the contents of ampoule 2 [Ez] on cleansed skin. Spread evenly on the face and neck, wet the fingers in warm water and massage with circular motions. It is possible to use a more active massage and brushing in the main target zones (forehead, area around eyes, glabella area, nasolabial folds). After 6-8 minutes cleanse the face with wet sponges or towels.
3. Skin moisturisation and stimulation with Antioxydant Serum. Apply the contents of ampoule 3 [Ao] on cleansed skin, perform drainage massage for 3-6 minutes, it is also possible to use ultrasound at this stage of the treatment. Finish the massage with light tapping.
4. Mimic wrinkles correction with Myo-Fix Concentrate. Apply the contents of ampoule 4 [Mf] on the skin to the main target zones: forehead, area around eyes, glabella area, nasolabial folds. To ensure good levels of penetration it is recommended to rub the concentrate into the skin with an applicator (a cotton stick). Ensure full absorption of Myo-Fix Concentrate into the skin.
5. Put the closed sachet with Myo-Fix mask in a bowl of hot water (50-60° C) for a few minutes. Open the sachet and carefully expand the mask, placing it on the client's face. Fix the top slot on the ears, straighten the stretched material, then secure the lower part of the mask on the face and chin and put the lower slots on the client's ears over the top slots. Put wet cotton pads on the eyes, warming or cooling masks can be also used to improve comfort. Remove the mask after 20 minutes. Perform a light drainage massage with the leftover gel.
It is possible to combine this treatment with ultrasound lifting. The ultrasound treatment can be performed on the fabric or on the gel left after removing the mask – the gel has conductive properties with a negative charge.
6. Moisturisation and skin filling with Sous-Creme Derma Fill. Apply the contents of ampoule 6 [Df] on the face and neck. Spread the cream evenly, perform a light massage with gliding, stretching movements following the main massage lines.

