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MEDER

BEAUTY SCIENCE



LIPO-OVAL

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
LIPO-OVAL CONCENTRATE	5 monodoses, 2 ml each
LIPO-OVAL MASK	5 sachets, 1 mask each
SOUS-CREAM DERMA FILL	5 monodoses, 3 ml each

NON-INVASIVE FACIAL LIPOSCULPTURE TREATMENT

Problem:

Excess facial fat deposits, "second chin", gravitational ptosis of the lower and middle thirds of a face, related to excess weight.

Solution:

Lipo-Oval - new non-invasive correction treatment by Meder Beauty Science (2013).

The treatment was developed by Tiina Orasmae-Meder (MD) and a Swiss biochemistry lab in 2009-2012.

Active lipolitics present in the active concentrate and Lipo-Oval occlusive mask are used to reduce the volume of facial fat deposits. A unique 3-step skin preparation protocol is used to enable deep penetration of the active ingredients.

Result:

Decrease in facial fat deposits, slimmer facial lines, a more vivid facial contour, better skin and tissues tone. Moisturising, brightening and skin texture smoothing effects.

Duration of the treatment: 45-60 minutes.

Course duration:

A standard course of 5 treatments for patients with normal and excess weight, 10 treatments in case of obesity (BMI > 30). 3-7 days interval between treatments.



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 seborregulation 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 problem areas.

4. Lipo-Oval Concentrate - Concentré Lypo-Oval - 4 [Lo] (2 ml).

This concentrate is designed for the correction of excess fat deposits in the facial area and is applied locally on the chin area and the lower and middle thirds of the face, following the full skin preparation protocol.

Key ingredients:

- **Niacinamide (vitamin B3)**. Improves cellular respiration, synthesis of energy and local dispersion of all types of skin nutrients. When applied topically it reduces the volume of fat tissue, improves skin elasticity and firmness and reduces the severity of wrinkles and defects of pigmentation. Prevents skin dehydration and increases the amount of fatty acids and ceramides in the membranes of the epidermis.
- **Calmosensine (Acetyl Dipeptide-1)**. Calmosensine is a lipopeptide consisting of tyrosine and arginine amino-acids, and is a natural metabolite of the human body. Increases the natural synthesis of signaling molecules triggering feelings of happiness and satisfaction. Improves skin tolerance to external and internal stress influences, reduces sensitivity, irritation and dryness of the skin.
- **Caffeine**. Being an inhibitor of cAMP phosphodiesterase, caffeine activates the lipolysis in adipocytes. Reduces the activity of lipogenesis by inhibiting the expression of lipoproteinlipase. Prevents the transport of glucose to adipocytes. Promotes rapid and visible reduction of fat cell volume and improves the quality of the skin.
- **Lipase**. Fat-splitting enzyme reducing the volume of fat tissue.
- **Adenosine phosphate**. Energy substrate that enhances local fat breakdown when applied locally on the skin.

Application method: apply the drops of the concentrate on the target zones. Massage for 2-3 minutes until the concentrate is fully absorbed.

5. Lipo-Oval Mask - Lypo-Oval Masque - 5 [Lo] (sachet with one mask).

This mask enhances the penetration of Lipo Oval Concentrate Lipo, stimulates the fat-splitting processes and has an active lifting effect. A non-woven elastic-stretch bamboo fibre soaked with matrix gel is used as the base of the mask.

Key ingredients:

- **Wild Yam Oppositi Root Extract**. Has an active ingredient diosgenin, which resembles cholesterol by its structure and has a high lipolytic effect when applied topically by reducing the volume of fat inclusions in the cells.
- **Pueraria Mirifica Root Extract**. Contains a large amount of phytoestrogens such as miroestrol, deoximiroestrol, daidzein, genistein, B-sitosterol, stigmaterol, coumestrol, campesterol, mirifikumestan, kvakurin and mirifitsin. Improves skin sensitivity to estrogen stimulation, restores tone and elasticity, improves the processes of local metabolism and active lipolysis.
- **Centella Asiatica Extract**. Has a strong draining effect, helps to improve the tone of the venous and lymphatic capillaries, stimulates the fat-splitting processes. Brightens, moisturises and smoothes out the skin.
- **Papaya Extract and Lactobacteria Enzymes**. Even out the skin, help gentle exfoliation and improve the local metabolism processes.
- **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.

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. Stimulation of lipolysis with Lipo-Oval Concentrate. Apply the contents of ampoule 4 [Lo] on the skin to the main target zones: facial contour, middle and lower thirds of the face. Perform a massage with gliding circulatory motions. Ensure full absorption of Lipo-Oval Concentrate into the skin.
5. Put the closed sachet with Lipo-Oval 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.

