

# SKIN RENEWAL SYSTEM

THE NEW GLYCOLIC ACID BASED BIOSTIMULATOR FOR PROFESSIONAL USE



#### DERMAL BIOSTIMULATION BASED ON GLYCOLIC ACID

The new antiaging cosmetic complex IO-DERMA is conceptually based on Glycolic acid. Scientific research shows that active components, glycolic and kojic acids, vitamin E and acetyl hexapeptide-8, make skin smoother, lighter and more elastic; wrinkles smooth out, and capillaries become less visible.

Active substances of the complex IO-DERMA are chosen in optimal way to achieve maximum physiological effects, the thicker basal layer (young cells of the epidermis) and an improved skin elasticity.

**Glycolic acid**, which is rightly called the "supreme acid" in cosmetology, is found in natural sources such as green grapes, sugar canes, and sugar beets. Glycolic acid delicately affects on skin to stimulate the fibroblast proliferation and does not damage either the epidermis or derma. Long-term use of glycolic acid activates the natural synthesis of hyaluronic acid in skin.

Glycolic acid promotes fibroblast activity, and thus collagen synthesis. Under the influence of glycolic acid, keratinocytes secrete interleukins that enchance this effect.

Noticeable skin lightening is caused by a great increase in quantity of young cells in the epidermis since the younger cells contain less pigmentation (melanines). Futhermore, glycolic acid, like trichloroacetic acid (TCA), inhibits tyrosinase, the enzyme that catalyzes melanines production.

Glycolic acid effectively smooths out wrinkles and lightens pigmented skin blemishes on various parts of the body: face, neck, chest, forearms, hands.

#### INGREDIENTS



The unique combination of **kojic** and **glycolic** acids makes the skin tone lighter and slows down melanines synthesis; and reduces the visibility of pigmented blemishes and scars

The new peptide based on Argireline (acetyl hexapeptide-8) reduces wrinkle depth; the skin becomes fresher and more elastic immediately after use. Argireline is part of the category of poly-peptides similar to the botulinum toxin: its "Botox Effect" actively smooths wrinkles. Given its synthetic origins, Argireline is 100 million times less toxic than type-A botulinum toxin (BoNT A). Furthermore, Argireline molecules are over 150 times smaller than BoNT A, allowing them to penetrate the outer layers of the skin without reaching the bloodstream. This makes acetyl hexapeptide-8 a valuable cosmetics ingredient: this molecule is safe, requires no injection, and its wrinkle-soothing effect is comparable to that of BoNT A.

Vitamin E stimulates cell regeneration and renewal, prevents skin ageing, preserves and sustains skin beauty, smoothens out wrinkles and has a visible lifting-like effect.

**Propylene glycol** is an important penetration enchancer for active substances and excellent moisturizing component.

**Caprylyl glycol** combined with **phenoxyethanol** posess significant antimicrobial activity on a wide spectrum of activity. The molecule adheres on the membrane to block vitally important functions for the bacteria and inhibit its reproduction. It is effective against GRAM+ and GRAM- bacteria, yeast and mold.

**Ethylhexylglycerin** is an antimicrobial component, used in particular against GRAM+ bacteria. Emollient and moisture-retaining characteristics. Coupled with other regulators it expands their scope of action and acts as an alternative to parabens.



#### ADVANTAGES OF THE IO-DERMA SKIN RENEWAL BIOSTIMULATOR

- Non-invasive (allows biorevitalization without needles);
- Painless;
- Cumulative effect;
- Does not induce photosensitivity (can be used in the summer);
- Quick and noticeable results;
- Does not leave visible residues on the skin and allows not to interrupt social and professional activity.



#### **APPLICATION**

The treatment is applied by a specialist, who does the following in half an hour:

- Skin cleaning with a special IO-DERMA purification preparation;
- Applying the complex IO-DERMA with deep-tissue massage;
- Cleansing with distilled water.
- Applying the relaxing and nourishing IO-DERMA mask

Patients may experience a slight stinging and burning sensation during the application. Red rashes, should they occur, dissipate within 30 minutes after the application. For maximal effects, the treatment must be applied in four sessions, one week apart.

A six-month period between treatment cycles of using biostimulators IO-DERMA is recommended to prevent skin degradation.



#### **INDICATIONS OF USE**

IO-DERMA biostimulator is recommended in case of cutaneous integument decline (atrophy) and elasticity loss. These symptoms may be caused by natural factors such as ageing, pregnancy, and puberty, or by unnatural factors, meaning every other physiochemical factor that may deteriorate skin elasticity and resilience.

The second category of factors includes:

- changed induced by UVs, smoking, long-term stress;
- skin inflammation and trauma induced by acne, chicken pox, stretch marks, impetigo and other skin disorders, as well as chloasma and post-inflammatory hyperpigmentation.



#### CONTRAINDICATIONS

- Infections;
- Allergy to any of the components;
- Wounds and trauma on the skin;
- Pregnancy and lactation;
- High skin sensitivity.



#### IO-DERMA LINE BASED ON GLYCOLIC, MANDELIC, HYALURONIC ACID AND INNOVATIVE PEPTIDE COMPLEXES







Antiaging Biostimulator IO-DERMA is developed by Italian and French specialists and based on glycolic acid - organic component with a strong antiaging effect as a result of deep skin penetration and stimulation of hylauronic acid forming.

The biostimulator also contains ingredients that help skin regeneration processes, diminution of hyperpigmentation.

The usage of argireline (hexapeptide-8) based complexes smooths out wrinkles and makes your skin more elastic.

# **ANTIAGING BIOSTIMULATOR**

with glycolic and hylauronic acids and peptide complexes





The IO-DERMA Cleaning Solution is made with mandelic acid. It is designed for deep cleansing and to prepare the skin to the bio-revitalization process

# **CLEANING SOLUTION**

with glycolic and mandelic acids and peptide complexes





The light mask is made with hyaluronic acid enriched with rice and cucumber extracts, oat oil and vitamin E. It has a relaxing and smoothing effect from the first application. To be applied once a week on clean skin for 15-20 minutes before rinsing with water.

# **MOISTURISING ANTI-AGE MASK**

with glycolic and mandelic acids and peptide complexes





The anti-age face cream is a powerful ointment against ageing; it restaures elasticity and resilience even to the most demanding skin. Dry skin symptoms and minor wrinkles gradually disappear, the face becomes smoother and younger. To be applied with a light massage on the face and neck in the morning and at night after cleaning the skin.

# **MOISTURISING ANTI-AGE CREAM**

with glycolic and mandelic acids and peptide complexes





The moisturising face serum is good for all types of skin; it is highly effective thanks to its active ingredients. The unique combination of pomegranate seed butter, concentrated yeast extract and a blend of three ribonucleotid monophosphates (AMP, GMP and UMP) specially designed to heal, restore and strengthen skin metabolism, reduce wrinkles and other signs of premature ageing.

# **MOISTURISING ANTI-AGE SERUM**

with glycolic and hylauronic acids and peptide complexes



# RESULTS OF BIOSTIMULATION TREATMENT







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