

Modern shower gel is much more than soap. Soap dries the skin, and the gel, due to the content of moisturizing ingredients, is able to make it more smooth and delicate, it became more convenient to apply, due to the liquid consistency, a pleasant aroma and, of course, washing properties.

Aim The purpose of this research work was to study and compare the established physical and chemical characteristics of the developed foam-washing agent with ready-made gels for intimate hygiene produced by manufacturers presented in the Ukrainian market.

Materials and methods Raw materials for the manufacture of detergent products must comply with the requirements of the approved documents in accordance with the established procedure. According to toxicological indicators of safety, detergent products belong to the 4th hazard class (low-hazard substances). irritant and sensitizing effects.

Results and discussion The basis of the shower gel is distilled water and surfactants that wash away dirt and grease film. Depending on the problem that the shower gel solves, that is, the type of skin it needs, the creators can include in the product both quite aggressive detergents and softer components, for example, for dry skin. Gels may contain soap, but in very small quantities. And some manufacturers have long replaced the soap with other components. All shower gels must contain water.

Conclusions It was revealed that the current gels do not harm the skin, as many consumers still believe, but on the contrary, they are more benign. When choosing a shower gel, the main properties are consumer properties, not physical and chemical. Thus, we can conclude that the range of modern shower gels is diverse, the composition contains modern surfactants. Shower gels are superior to soap, because they do not dry out the skin, have a wonderful aroma and do not cause allergies. Nowadays, many consumers give their preference to shower gels of foreign manufacturers, as they trust the quality of the product more. The perfect shower gel – no color and no smell. Only in this case, you can count on the fact that there are no dyes and synthetic fragrances.

MIKROTOKY – HARDWARE STIMULATION OF REJUVENATION

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Introduction Mikrotokova therapy – this hardware cosmetology procedure, which is performed for the treatment of dermatological diseases, eliminate cosmetic defects and prevent skin aging.

Aim Mikrotokova therapy, unlike traditional myostimulation not cause noticeable muscle contraction.

However, the impact on individual muscle fiber by streamlining its internal processes. It recovers gangrenous muscle spasms shoot, improving the aesthetic appearance of the face. Smoothing nasolabial folds disappears «second» chin. Stimulation of fibroblast activating collagen and elastin.

It can not only reduce wrinkles but also improve skin elasticity, restore its turgor.

Materials and methods Professional device designed for multiple operating modes that differ in purpose. First, the skin is cleaned of makeup and impurities. Further, the face smeared with a special gel that acts as a conductor for the pulse currents.

Results and discussion Mikrotokovoyi full course of therapy usually includes 10-15 interval between them – 2-4 days.

Main results. Proved that mikrotokova therapy – comfortable and convenient procedure that helps eliminate wrinkles and bags under ochyma.U combined with a healthy lifestyle, it helps keep your skin in the long tonusi.Rezultaty become visible quickly:

- reduce edema;
- accelerate the metabolism of cells to 10-12 days (in normal conditions change occurs 30-32 days);
- reduce age spots;
- improve complexion;
- improve the contour of the face;
- correction of dark circles under the eyes;

- improving the overall skin tone.

Conclusions Microcurrents in cosmetics, contraindications, which is not so common, is a very popular procedure today.

FEATURES OF RF-LIFTING IN COSMETOLOGY

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Introduction nowadays there are a huge number of various ways to preserve youthful skin, and, indeed, the modern woman of any age can have the person who is «it has made itself» with the help of qualified professionals, using innovative technologies and latest achievements of cosmetology industry.

Aim The aim of this work is to study the features of the use of radio-wave facelift, as the innovative technology in the field of cosmetology, in particular: indications, contraindications, mechanism of action, as well as advantages over other types of anti-aging treatments.

Materials and methods During the study of the subject devices for RF-lifting were used, literature, as well as online resources.

Results and discussion It is proved that the RF-lifting principle is based on the contact impact of the high-frequency electric field for the purpose of controlled warming of the dermis and subcutaneous fat. This creates a certain temperature, giving a sharp jolt to the development of fibroblasts (the major skin cells). The epidermis in this case plays the role of electric condensers and heated only by heat exchange contact with the dermis and muscle tissue does not heat up.

In general, the generated heat extends to between 3 and 9 mm depth and causes uniform heating to 40-42° C without the thermal diffusion to the neighboring area. Matched temperature conditions allows to act on the tertiary structure of collagen, but it completely while not destroying.

The biological effect of the heat caused by the action of radiofrequency current, is to change the nature of the collagen fibers (from 5 to 30% of the total), followed by immediate reduction of these fibers and progression process for a further 4 – 6 mesyatsev. V particular at a temperature which is achieved in the deep layers of the dermis, collagen partially denatures, resulting in its permutation by breaking the intermolecular bonds. Denatured collagen molecule provides an increase in the density of the dermis and a pronounced tightening effect, a prominent when physical examination – visual and tactile (American authors call this effect skinshrinking or tightening, «radiant skin»). As shown by histological examination.

Ability pulsed exposure at maximum power allows the study, and the strengths and weaknesses of collagen bonds. The immediate effect is due to a controlled reduction of the collagen fibers of the skin frame. The delayed effect is due to the fact that the heating of the dermis to certain temperatures launches a series of compensatory mechanisms, including fibroblast proliferation, increased local blood circulation, and accelerated production neocollagen characteristic of young skin. These histological studies point to a significant increase in collagen and elastin after a course of 6 treatments. Moreover, a significant improvement is observed in all age groups, including older age (65 years). Proven that RF-lifting has a number of advantages over other procedures:

- Suitable for all ages and skin types.
- The procedure is fully controlled.
- Smoothing occurs as skin and muscle tissue.
- Painless, ie does not require anesthesia, only a pleasant warmth is felt during the procedure
- It is left bruises, swellings.
- The procedure does not require preparatory and rehabilitation period.

The effect of radio wave lifting is noticeable after the first procedure. Client notes visible cosmetic effect, fixing the positive results that appear in the rejuvenation of the skin without applying the surgical facelift. During the radio wave lifting is not disturbed the normal rhythm zhizni. Klient can make