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Collagen therapy in the treatment of chronic eczema

Patients with eczema increasingly consult a cosmetologist during the inter-relapse period of the disease to correct dry skin and stimulate epithelialization of erosions. As a solution to these problems, therapy with native collagen is recommended.

Introduction

Eczema is a widespread skin disease, which is peeling erosions, peeling. When working with such considered the most common pathology (30–40%) patients, the doctor needs to clarify the presence of a detected during a dermatologist's appointment. history of rashes on the hands skin, appearance of severe

Pathohistologically, in eczema the most characteristic itching and blisters on the skin, reactions to detergents, changes are observed in the epidermis: exoseroze, cold, and food products.

exocytosis, spongiosis and acanthosis. The combination Considering the polyetiology of the disease, the tendency of spongiosis and parakeratosis explains the most typical for frequent recurrence of the process, as well as the clinical symptoms of this disease - vesication and decrease in reparative processes and the barrier function oozing. In the dermis, inflammatory phenomena are of the skin, which is manifested by long-term cracks and revealed in the form of dilation of blood and lymphatic vessels, exudation and accumulation of perivascular vessels, dryness even during remissions, cosmetic procedures are justified after the exacerbation has been relieved.

cellular infiltrate in the papillary layer of the skin. The infiltrate consists mainly of lymphocytes, with smaller amounts of fibroblasts and histiocytes, and single polynuclear leukocytes. Swelling of collagen and elastic fibers and their separation are observed. In some places in the area of infiltrate accumulation there are also degenerative processes of connective tissue, which is expressed in a change in its fibrous structure.

Recently, cosmetologists have increasingly taken part in working with eczema at the recovery stages. Patients come with complaints of dry skin of hands, mainly in the palm area, long-term non-healing cracks, erosions,

Native collagen preparations stimulate tissue regeneration, promoting the migration of macrophages and fibroblasts to the area of damage, in the case of eczema - to the area of cracks and erosions. As a result, chemotaxis is activated, proliferative and secretory activity of cellular elements increases, and angiogenesis is stimulated. The expression of genes of the proinflammatory cytokine IL1B, metalloproteinase MMP1, PDGF decreases, and the expression of vascular endothelial growth factor increases.

Collost Micro collagen therapy has shown ***high efficiency, good tolerability, and prolongation of remission in eczema*** and is recommended for use between relapses of the disease.



There is an increase in the migration of 3. Collost Micro Hydration (one pack) in macrophages and an increase in their 5 ml of 0.9% NaCl solution.

transformation into M2 macrophages, which triggers a cascade of reparative processes. over the entire surface of the hands on the back Thanks to the patented MicronONIC and palmar sides, with 0.5 mm interval technology, Collost Micro product provides regeneration and neocollagenesis, and the and cracks - at a distance of 0.1 mm. PoliONICol technology provides tissue The number of procedures is three, the interval hydration.

As a result of the study conducted at the **Correction results**

preclinical stage at the Institute of Immunology of the Federal Medical and Biological Agency of Russia, it was shown that Collost Micro does not have a sensitizing effect. The results of the procedures were assessed using the Aramo MC device (determination of skin hydration indicators), photo documentation (before and after the course of procedures after three weeks) and a patient survey using the GAIS satisfaction scale. The

Clinical case

Patient — man, 43 years old. He visited us clinical effect assessment took into account with complaints of dry skin and long-term healing of cracks and scars, skin thickening non-healing cracks, pain when bending his and hydration, and the presence of signs of fingers. It is known from the history that he exacerbation.

has been suffering from dyshidrotic eczema for more than 20 years. In the last year, he has noted slow healing of wounds and cracks erosions was observed. The result in the form (persisting for more than two months) in the of skin thickening, improved color, complete inter-relapse period.

Inspection: the process is localized on the right and left palms. The skin is dry, thinned, three weeks after the third procedure. The erosions and cracks are observed. patient noted rapid healing, which had not Subjektivelly: feeling of tightness.

Protocol of the procedure

1. Preparation: biorevitalization with hyaluronic acid mono-preparation, one procedure.

2. Apply the anesthetic cream "Akriol Pro" on the right hand, 33.2 on the left hand. to previously cleansed skin as an application for 20–30 minutes.

According to Aramo MC, the moisture level

before the procedures on the right hand (middle of the palm) was 21.5, on the left hand — 23.4. After the course of procedures: 32.5

According to GAIS, satisfaction with the procedure results is three points, from the doctor's side – three points.

