

PROSPECTS OF CREATION OF EXTEMPORANEOUS PREPARATIONS OF COMBINATION ACTION FOR TREATMENT OF ECZEMA

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Eczema - a chronic, relapsing disease with sharply inflammatory symptoms presented polymorphism morphological elements, which formed as a result of a complex set of etiologial and pathogenetic factors. Eczema is 30-40% of the multitude of all dermatitis.

So today in terms of the immediate needs of practical medicine should be given great importance to the study of different variants of clinical course of different types of eczema, optimization approaches for the treatment of severe and complicated forms of the disease and the development of complex combined action of drugs (anti-inflammatory, antimicrobial, keratolytic, reparative) that to be highly effective, easy to use and have given the least amount of side effects. The aim of this work was improving the structure of the public extemporal prescription ointment for the treatment of microbial eczema, which usually is the hardest course and many complications.

It is known that most of the essential oils have antimicrobial properties, actively inhibits the growth of different groups of microorganisms and pathogenic fungi. It is also known that microorganisms prolonged contact with essential oils produce virtually no resistance to them. The combined use of certain essential oils with antibiotics and sulfonamides increases bactericidal activity of the latter. These properties are more inherent in the essential oil of tea tree. It is because of the ointment was asked to enter the tea tree oil.

Usually eczema observed destruction of the epidermis and dermis, so we proposed to enter into the ointment preparation Ayekol. It has metabolic and antiulcer effect, stimulates reparation and speeds healing. With its antioxidant and anti-inflammatory effect, it restores capillary permeability and tissue and capillary circulation. Microbial eczema differs significantly from other forms of dermatitis is characterized by the appearance of affected skin areas that are covered by sero-purulent crusts and bloody, and the surface free of crusts layers, easily wets. Given this fact, it is appropriate to use drugs with possesses drying effect. Such properties have macrogols hydrophilic base with the addition of propylenglycol.

Thus, on the basis of the research was proposed improved composition of complex action extemporal ointment for the treatment of microbial eczema.