

DEVELOPMENT OF EXTEMPORAL UNGUENT FOR TREATMENT URTYKARIYIV UNDER DISEASE IN CHRONIC HIVES

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Over the last years an importance allergy problems in pediatric has grown because during this period the prevalence of children's allergic diseases in has been steadily increasing. The spreading of the children's disease is associated with genetic predisposition, environment and lack of attention to his mother's body during pregnancy.

Nowadays allergic diseases include the six most common children's diseases in According to statistics, allergy suffers every third child. Allergic diseases – a group of diseases caused by increased sensitivity to exogenous and endogenous allergens. According to forecasts of WHO, XXI century will be the era of allergies because the prevalence of allergic diseases has been increasing 2-3 times every 10 years and has reached epidemic proportions.

The problem of creating children's medicines, launched by the World Health Organization (WHO), is relevant and timely, as the features of physiological and biochemical processes of the child indicate that half-dose of drugs designed for adults may not be adequate for the child.

Children's bodies have specific characteristics that determine its special sensitivity to drugs and the body's reaction to the kind of input, resulting in the development of toxic or unwanted side effects.

One of the most difficult problems in pediatric allergy was, is, and probably will long chronic hives. Most treat hives antihistamines have using a variety of dosage forms, including unguent. There are used some different dosage forms for the treatment of in children's allergic diseases: tablets (65%), injection (12.5%), syrup (11%), oral solutions (4%), drops (3%), pills (3%), gel for external use (1.5%). Among the 72 types of medicines registered in Ukraine for the treatment of children's allergies, domestic manufacturers produced 44.4%, foreign – 55.6%. Among the producing countries Ukraine provides 45% of medicines, India – 11%, Switzerland – 8%, the Czech Republic and Hungary 6%, Poland, Germany and Canada 4%, Slovenia and Turkey to 3%, and Bulgaria, Russia, Belgium UK and Austria by 1%. Manufacturers of drugs to treat allergies in Ukraine pharmaceutical company "Darnitsa", LLC " pharmaceutical company "Health", "LLC" Pilot Plant "HNTSLZ" and JSC "Farmak".

Ukrainian pharmaceutical market of allergic drugs was analyzed by country manufacturers. Analysis shows that the pharmaceutical market of Ukraine is almost equal to quantities of drugs of foreign production.

We conducted a study extemporal formulation for the treatment of allergic diseases in children, whose number is now being growing steadily. The study was conducted based on the "Pharmacy №9" in Kharkov and "Pharmacies Medical Academy" in Krivoy Rog and Dnepropetrovsk.

Mainly there are used powders and mixtures in extemporal compounding pharmacies to treat hives in children. Local treatment must remove and reduce the itching and inflammatory reaction and stimulate repair processes in the skin, prevent and eliminate secondary infection, moisturize and soften skin, restore its protective properties.

According to the modern ideas of any drugs that are used for topical application medications should have several pharmacological effects that can simultaneously and comprehensively affect different pathogenetic links of this disease.

The main objectives of the local treatment of chronic hives is the elimination of pain, eliminate itching, stop bleeding, inflammation of the withdrawal, it is necessary that a drug was combined and allowed to effectively address these challenges. That is to treat hives in children may use topikal form.

The analysis of prescriptions and consultations with doctors allergists allowed to develop extemporal combined ointment composition for the treatment urtykari, when the disease in chronic hives.