

MEDICINAL PLANT RAW MATERIAL USED TO TREAT ALLERGIC DISEASES

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Today is actual studying medicinal plant raw material. This is due, first, to the great interest of the population to medicines of plant origin, and secondly, to the prevalence among people traditions of herbal medicine.

Important place among the variety of diseases is given to allergic diseases, including children. Distribution of allergy among children is associated with environmental indicators, genetic predisposition, and insufficient attention to mother's body during pregnancy.

Allergic diseases are natural reactions to exogenous and endogenous allergens, which are due to increased sensitivity of the organism. According to the World Health Organization, the 21st century will be the era of allergy, since the prevalence of allergic diseases has been increasing by 2-3 times every 10 years and has reached epidemic proportions. To allergic diseases of children primarily can be attributed atopic dermatitis, angioedema, urticaria, drug and food allergies, and others. One of the treatment variant of such pathologies is usage of antihistamines of 1, 2 or 3 generations.

Having analyzed the range of antihistamines in Ukrainian pharmaceutical market, we have found that such medicines are presented in the form of tablets, solutions for injections, syrups, oral solutions, drops, lozenges and gels for topical application. Of these dosage forms in pediatric practice most suitable are liquid oral medicinal forms.

The objective of this work is to study medicinal plant raw material that can be used in developing of syrup with antihistamine action.

We analyzed extemporaneous medicines of different dosage forms, containing in their composition herbal ingredients, herbal remedies, species, etc. In the course of this work it was found that for the treatment of allergic diseases most commonly are used such medicinal plant raw material as Marigold herb, Peppermint leaves, Chamomile flowers, Labrador tea shoots and Efedra herb.

Thus, in the course of this work, we have been defined medicinal plant raw material, which can be used in the development of a medicinal plant tea for the treatment of allergic diseases.