

THE ACTUALITY OF USING DRY EXTRACT OF COLTSFOOT IN TREATMENT OF ACUTE RESPIRATORY DISEASES

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Preparations of coltsfoot are traditional remedy for diseases of the upper respiratory tracts. Coltsfoot is an old drug against cough and breathlessness. Preparations of coltsfoot are used for acute and chronic laryngitis, bronchiectasis and selicose and tuberculosis.

In its structure coltsfoot contains active ingredients such as carbohydrates, tannins, flavonoids, organic acids, carotenoids, sterols, steroid saponins. In therapeutic doses coltsfoot has a slight stimulating effect on the sympathetic nervous system, which intensifies the secretion of bronchial glands, as the consequence there is a decrease of bronchospasm.

Preparations of coltsfoot have bronchodilator properties. It should be noted a very important property of a coltsfoot to dissolve infiltration, whereby coltsfoot is recommended for SARS, bronchitis, pneumonia, bronchial asthma. Grass has expectorant, emollient, enveloping, antiseptic and anti-inflammatory properties. These properties are caused by presence in its structure of inulin, carotenoids, sterols, organic acids. Inulin also allows the use of drugs of this plant in patients with diabetes mellitus.

In general a medicinal plant coltsfoot is used as a remedy for respiratory diseases. Extract of the herb is used for a cold, cough, high temperature. Also the using of dry extracts is good for bronchitis, laryngitis, tonsillitis and bronchial asthma.

Nowadays the assortment of drugs which are based on coltsfoot is quite narrow as this plant is not well known but in a folk medicine it is very popular. This fact shows us the possibility of further using of medicinal plants, which can allows the using of drugs with an extract coltsfoot in a wider range of treatment of various diseases.

At present among the drugs which are basis on using the coltsfoot in the treatment of acute respiratory infections are known only syrups and multipart fees. In order to improve the consumer properties it is more rationally the using of solid dosage forms. The development of composition and technology the tablets with an extract of coltsfoot is an important task of pharmacy.