

COMMODITY ANALYSIS OF SINUFORTE AND DETERMINATION OF PROSPECTIVENESS OF ITS USE IN MODERN ANTRITIS PHARMACOTHERAPY

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During the massive increase in acute respiratory infections, influenza epidemics, the number of patients with antritis increases many times. Choice of treatment method is often of great difficulty for an otolaryngologist. Not so long ago on the Ukrainian pharmaceutical market Sinuforte preparation has appeared, which comprises natural ingredients including juice of cyclamen tubers, which has a long history of use.

Therefore, the purpose of our study was to investigate consumer properties of Sinuforte drug, to hold commodity analysis of this drug and establishing the feasibility and prospectiveness of using it to treat antritis and prolonged rhinitis.

Sinuforte is a lyophilized powder in the ratio 1: 1 of water / ethanol extract of *Cyclamen europaeum* tubers. This structure enables the production of solutions of various concentrations and is the major advantage in the use of cyclamen drugs in the treatment of rhinosinusitis, allowing to use individual approach in dosage. Acting intranasally, the drug activates normal physiological processes for cleaning nasal mucosa and has a constructive effect on the mucous membrane and festers that accumulate in the nasal cavity and paranasal sinuses.

Dosage form of spray is the most optimal form of release for the treatment of the upper respiratory paths diseases. Nozzle dispenser sprays fixed amount of drug which prevents the possibility of overdose and side effects development. The drug Sinuforte is produced according to the GMP standards, under sterile conditions, which enables bacteriological loading avoidance. Thanks to freeze-drying of the juice is excluded need of using preservatives and stabilizers in the manufacture of the drug. The drug composition enables production of solutions of various concentrations, allowing to use individual approach in dosage. The mechanism of action of the drug is associated with activation of natural physiological processes of nasal mucosa cleaning. High clinical efficacy and safety have been proven by numerous clinical studies in advanced ENT clinics in more than 15 countries of the world.

Thus, as the result of the consumer properties of Sinuforte study, commodity analysis of the drug, the prospectiveness of its use in modern pharmacotherapy of antritis has been determined.