

Packages with a variety of functions are developed: packages warning of the presence of pathogenic microorganisms and even specific bacteria; they contain radio tags that help people with a diminished vision keep the device near themselves and can listen to the entire text of the instruction; the use of radio labels on syringes and blood bags completely eliminates the mistakes that occurred during dosing of analgesics and sterilization, as well as in the collection of samples and blood transfusions; Package with built-in alert (it is possible to set the time of taking medication and then the packaging begins to shine and play a musical melody (the invention of the company «GlowCaps»)).

Conclusions. The right choice of consumer packaging for the packaging of medicines plays a very important role not only in the preservation of products, but also in ensuring the convenience, efficient use for the health of the consumer. Therefore, scientific research in this area is very relevant and progressive.

ANALYSIS OF THE ASSORTMENT OF MEANS FOR THE PREPARATION OF OXYGEN COCKTAILS PREPARED IN THE PHARMACEUTICAL MARKET OF UKRAINE

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Introduction. Oxygen cocktails today have gained immense popularity around the world. They are used for the prophylaxis and treatment of various diseases of patients of all ages, namely: as immunomodulation means: in the complex therapy of gastrointestinal diseases, hepatobiliary system, Cardiovascular systems; acute respiratory infection hypoxia during pregnancy etc. In the pharmaceutical market of Ukraine there are already some composition of powders for obtaining oxygen cocktails, directly foaming mixtures and sets devices for making cocktails at home, in the conditions of medical and treatment-and-prophylactic institutions.

The aim of our study was to study the assortment of products for the preparation of oxygen cocktails on the pharmaceutical market of Ukraine.

Materials and methods was analyzed a modern assortment of oxygen cocktails. In the study we used the system and logical methods of analysis.

Results and discussion. To obtaining oxygen cocktails on the pharmaceutical market of Ukraine are present:

1. The composition of the finished powder mixtures: "Composition for oxygen cocktails based on milk powder "MilkO2", "Oxygen cocktail "Ekoteyl", composition for oxygen cocktail number 27, a series of "UNIVERSAL", composition for oxygen cocktail number 23, a series of "VITAMIN", Spoom – a mixture of "SPOOM". All of them contain in their composition foaming agent, active biological substances and excipients.

2. A separate group is represented by foaming agents in single-dose sachets containing dry egg white or dry licorice root extract.

3. Kits and sets for the preparation of an oxygen cocktail, consisting of a cocktail machine, an oxygen balloon and a package of foam-forming mixture.

It should be noted that products for making foam cocktails are actively produced by Ukrainian and Russian manufacturers. With a presence number of components, the composition of the finished mixtures is quite uniform. Finished mixtures are presented only immunomodulatory and vitamin compositions. Compositions for the treatment and prophylaxis of diseases of the gastrointestinal tract, cardiovascular system, liver are not represented.

Conclusions. Today, the modern assortment of products for the production of oxygen cocktails is presented in a wide choice and them make in great demand among consumers. In the analysis of the assortment of components for the preparation of oxygen cocktails, it was found that Ukrainian and Russian manufacturers are represented on the pharmaceutical and para-pharmaceutical market of Ukraine, but the composition of the of the finished spoom mixtures is the same. This study is valuable for manufacturers of new drugs, in particular, for the development of new compositions of dry mixes for the preparation of disposable oxygen cocktails.