

# ORGANIZATION OF LOGISTIC ACTIVITY IN THE DESIGN OF NEW MEDICINES

Malko A.

Scientific supervisor: assistant professor Gubin Iu.  
National University of Pharmacy, Kharkov, Ukraine  
x123@ua.fm

**Introduction.** It is important rational planning of development, production and sale of medicine. It is basis of satisfaction of demand with minimum charges, strengthening of co-ordination between subdivisions of enterprise.

The decision of these tasks requires developed logistic, presence of competent logistic management.

Due to the high degree of co-ordination of actions of all participants of logistic process, increase of reliability of deliveries, rationality of distribution of supplies it maybe to promote speed and quality of development of new medicines.

**Aim.** Organization of logistic activity at development and introduction of new preparations Farmak Joint-Stock Company.

**Materials and methods.** After the zones of management the logistic of enterprise is divided on:

- external (engages in questions management streams, that go out outside an enterprise, but are in the field of his influence);
- internal (sent to the management stream processes within the limits of enterprise).

After functional areas, the logistic is divided on:

- purchasing (supply) - decides questions that belong to the sphere of providing of enterprise necessary resources;
- productive (productive processes) - embraces a question from a management moving and storage of resources directly in the process of production;
- sale (distributive) - related to the management of commodities a stream from a producer to the consumer;

On maintenance logistic operations distinguish transport, warehouse logistic, logistic of supplies, informative, financial logistic.

**Results and discussion.** The functions of department of support of new developments are worked out.

1. Providing of communication is with foreign partners.
2. Grant of data about companies to the appropriate departments of Farmak Joint - Stock Company for realization of further works with them.
3. Takes part in development of documentation and procedures that touch works within the limits of competence of department, stowage of annual plans of

development of new preparations and primary working of expediency of development, realization of negotiations, entering into the corresponding contracts, sent to establishment and development of relationships with contractors on foreign markets, strategic analysis and planning: in diagnostics of internal and external environment of company, watching of tendencies world pharmaceutical market and industry, development and determination of strategies of possible collaboration.

Standard operating procedure is worked out in relation to work of department of support of new developments. This procedure contains the order of man-hunting and choice of companies-producers of API, adjuvant, reviewer preparations, chemical raw material, and intermediates for development and introduction of new preparations. Purchase and supply of standards.

Procedure determines the order of man hunting and choice of companies-producers. Order and receipt of commercial parties of API, adjuvant, chemical raw material, and intermediates, order and receipt of API, adjuvant, chemical raw material, and intermediates on the first industrial producing, order and receipt of documentation for registration and re-registering, search of alternative producers.

Protocol of acceptance of standards is worked out, that issued to the laboratories at the transmission of standards. In protocol all information registers on a standard;

Responsible especially in the sector, who gave a standard;

At an acceptance, work begins in relation to delivery, and commercial deliveries.

Protocol of information transfer on a producer gets to the department of purchases after successful labour with a contractor for a year.

**Conclusions.** Due to development of standard operating procedure in relation to work to the sector of support of new developments next tasks were decided.

Order of man hunting and choice of companies-producers.

Works are on an order and receipt of standards, and to documentation.

Works are on ordering and receipt of raw material.

Works are on an order and receipt of raw material on the first industrial producing.

Relations and zones of responsibility are regulated between subdivisions

Farmak Joint - Stock Company, that eliminates possibility of errors in process.

The packages of documents, that to give the department must to corresponding subdivisions, are concerted.

Time is regulated for consideration of the given documentation / of realization of works.