GOOD STORAGE PRACTICES AS A MAIN FACTOR OF RETENTION OF DRUGS QUALITY

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Guarantee of drugs quality in terms of social significance is one of the most important tasks of the state in health sector. Currently, the most acute is the problem of falsification of medicines that affect the quality of drug maintenance of the population. But, even genuine and qualitative drugs under the influence of external conditions can come into disrepair, lose efficiency and become dangerous. In this regard, problem of drugs storage is actual.

Most drugs need special storage conditions associated with their physical and chemical properties, toxicological groups.

By international and particularly European requirements principles GSP, together with the principles of GMP and GDP, and must observe the manufacturers and distributors of medicines and pharmacy.

Since 2011, Ukraine has been is a member of PIC / S - Pharmaceutical Inspection Cooperation System of the European Union and other developed countries. In this regard in Ukraine these standards are enacted as a mandatory requirement of licensing conditions for all operators of the pharmaceutical market.

Improper storage of drugs can trigger processes that lead to changes in their chemical composition and physical properties (sediment, discoloration, physical state). Thus drugs are inactivated, decompose and become unfit for use before the end of their shelf life. A wide range of medicines of modern pharmaceutical market (more than 14 thousand names) and a large number of normative documents, that regulate organization of drug storage, require systematization and comprehensive assessment.

Storage of medicines and materials must meet specified on the labeling information based on the results of stability tests and allow storage temperature and relative humidity.

Accordingly, it is necessary to describe methods of storage and movement of materials and medicines, and, if necessary, to provide information on the organization of actions relating to product recall .

So, introduction of requirements of “Good Storage Practices” into working of blighty manufacturers and distributors will ensure the quality of medicines throughout their "life cycle", it means to manage the storage of drugs in their manufacture, wholesale realisation (distribution) and retail sales.