ASPECTS OF DEVELOPMENT AND QUALITY CONTROL OF SUPPOSITORIES ACCORDING TO LEBANESE REQUIREMENTS

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General characteristics, requirements to preparation, registration for dispensing, quality control and packaging of this or that dosage form are given in Pharmacopoeia. Suppositories are represented in the most Pharmacopoeias of the world. Even though the general requirements to them are same, each Pharmacopoeia possesses certain special requirements and peculiarities about their preparation, packing and storage.

One of the tasks of our work was to analyse the requirements of the Lebanese Pharmacopoeia to rectal suppositories.

The conducted research showed that Lebanese Pharmacopoeia has many similar requirements with British and European Pharmacopoeias, and, therefore, with State Pharmacopoeia of Ukraine (SPU), but there are also many peculiarities in it as well.

For example, SPU, ap. 2, in the general article “Medicines for rectal use” regulates packaging generally for all medicines for rectal use specifying that containers for their storage must meet the requirements of the articles “Materials used for production of containers” (3.1) and “Containers” (3.2) if there are no other statements in the separate articles. Terms and conditions of storage especially for rectal suppositories are not given in the general article. In Lebanon, packaging and storage of rectal suppositories is different and includes such rules as: they are usually packed in aluminum, paper or plastic containers and should be stored preferably in a refrigerator, but polyethylene glycol suppositories can be stored at usual room temperature without the requirement of refrigeration.

Thus, the investigated differences to regulation of rectal suppositories preparation and quality control in SPU and in Lebanese Pharmacopoeia allow widening the experience of international pharmaceutical compounding and increasing the quality of their preparation in Ukraine. The work over the full analyses Lebanese requirements is carried on.