

COMMODITY ASPECTS OF CHILD-RESISTANT PACKAGING

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Medicinal products - a specific commodity that requires responsible actions for dealing with it. Due to the fact that most of the life cycle the commodity is in the process of storage, the important point is eliminate the risk of misuse by children.

There are many reported cases of poisoning of children with drugs, which was followed by improper storage and packaging disparity.

The aim of this study was to determine the place of child-resistant packaging among medical and pharmaceutical goods and providing him commodity evaluation.

No doubt, to follow the children's behavior is difficult, therefore the packaging has appeared, which has the objective of protecting potentially dangerous products from inappropriate use by little children. This packaging has some protective mechanisms that prevent children's access to content packaging.

Today in Ukraine is valid *DSTU ISO 8317:2005 Child-resistant packaging - Requirements and testing procedures for reclosable packages*. This ND establishes basic requirements to containers, closures and ways of multiple closing.

Analyzing the assortment of registered drugs, we have found that in Ukraine the issue of child-resistant packaging is without sufficient attention. Only a few manufacturers, such as Stinol, using child-resistant packaging for tablet form. There are also several foreign manufacturers whose products have similar packaging. But the total amount of drugs having child-resistant packaging is rather scarce.

This can be explained by the relatively high cost of the packaging and packaging equipment, as well as tough legal requirements during the medications registration, and as a result his unwillingness to use the manufacturer. However, the risk of poisoning children with potential possibility of opening packaging indicates acute urgency of this problem.

On the other side, the use of such packaging in combination with tamper evidence enhances the protection of drug from counterfeit, but makes impossible carrying out the inspection and expert examination of pharmaceutical and medical productst that is inside.

Hence, today there are needs in formal regulations, which could simultaneously solve the problem of inspection analysis, product protection against counterfeiting and protect children from inappropriate drug poisoning.