THE STANDARD OF MODERN UZBEKISTAN PROBLEMS AND PROSPECTS

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Annotation. One of the issues discussed was the introduction of compliance with the GPP (Good Pharmacy Practice) standard in pharmacy organizations. This standard, along with increasing the role of the pharmacist in society, will change the essence of the sale of medicines and the quality of pharmaceutical services provided. The implementation and strict adherence to the standard will be a key moment in improving the healthcare system and contributing to improving the level of healthcare in the Republic of Uzbekistan. The implementation of the GPP standard for pharmacy organizations of the Republic of Uzbekistan and its impact on the quality of pharmaceutical services was also considered. The implementation of this standard will contribute to the improvement of the healthcare system and increase the level of public health. GPP testing focuses on three points: the order of taking medicines, storage conditions and pharmaceutical recommendations.

The purpose of the study: To consider the current state of pharmacies and their branches in order to implement the requirements of the standard and obtain a GPP certificate.

Research materials and methods: the study of literature and documents on the topic of the study, the analysis of the information received, observation, analysis and generalization of pharmacy activities.

Key words. GPP, SOP, documentation, technological processes, self-inspection. GxP, pharmaceutical, pharmaceutical production

Result of investigation: The main principle of GPP is that everything that is done in a pharmacy should be perfectly documented. Therefore, standards should be developed for each operational procedure, which clearly indicate what kind of procedure it is, on the basis of which regulatory documents it is carried out, where exactly, by which employee and for how long. This is a detailed algorithm that reflects all the circumstances of the action. Appropriate changes should be made to the job descriptions of pharmacy employees. One of the most important requirements of good pharmacy practice is the need to inform customers about the range of medicines, starting with the cheapest segment. Disadvantages and ensuring full compliance with the requirements of the GPP standard, the following recommendations were given: 1. Develop and implement Quality Guidelines and

Standard Operating Procedures (SOP) for the pharmacy. This will allow you to document individual processes and determine the relationships between them in the form of a SOP. One of the important aspects is to inform consumers about available medicines, starting from the most affordable segment.

The main objectives of the Center are:

-organization of work on the implementation of international standards of good practices (GxP) at enterprises and organizations operating in the pharmaceutical industry;

-conducting pharmaceutical inspections in order to certify compliance with the requirements of good practices (GxP);

-ensuring the harmonization of local standards of medicines, medical devices and medical equipment manufactured in the Republic of Uzbekistan with international standards;

-coordination of international cooperation in the field of implementation of the international quality management system "ISO" and the Rules of Good Practices (GxP) in the processes of creation, production, regulation of circulation, quality control, technical regulation of medicines, medical devices and medical equipment;

-conducting inspections of the quality system at foreign pharmaceutical production sites and issuing an opinion in the process of state registration of medicines in accordance with the established procedure.

In addition, in accordance with the Decree of the President of the Republic of Uzbekistan dated 01/21/2022 No.UP-55 "On additional measures to accelerate the development of the pharmaceutical industry of the Republic in 2022-2026", it was established that:

-from April 1, 2022, new manufacturing enterprises, wholesale and retail trade organizations in the pharmaceutical industry are created in accordance with the requirements of "Good Manufacturing Practice" (GMP), "Good Distribution Practice" (GDP) and "Good Pharmacy Practice" (GPP);from January 1, 2023, only organizations that have organized the production of medicines — according to the standards of "Good Manufacturing Practice" (GMP), medical devices and medical equipment — according to the standards of "ISO: 13485", as well as wholesale organizations that have implemented the standards of "Proper distribution practices" (GDP).

-Also, this Decree provides for the following measures to support organizations engaged in the production of medicines in accordance with the requirements of "Good Manufacturing Practice" (GMP) by the Ministry of Investment and Foreign Trade with the involvement of the Export Promotion Agency:

-provision of subsidies for a period up to January 1, 2025 to cover up to 50% of transportation by road and rail (excluding transportation costs) when exporting

pharmaceutical products to all countries, including neighboring neighboring states, in an amount not exceeding 5% of the export value of products (when transported by road) and 7% (when transportation by rail);

-provision of revolving loans to replenish the working capital of pharmaceutical exporting organizations when they export goods for up to 1 year at a rate of 4% per annum (taking into account the bank's margin) with deferred payments and in the amount of the value of exported products in the equivalent of no more than 3 million US dollars.

The main requirements of GMP, GDP and GPP are:

-quality management;

-personnel requirements;

-requirements for buildings and facilities, premises and equipment;

-documentation;

-technological processes;

-quality control

-activities transferred to another organization (outsourcing)

-claims, quality defects and product reviews (claims, refunds, suspicions of falsification and withdrawal of medicines and medical devices from circulation);

-transportation;

- self-inspection.

The key benefits of implementing good practices (GDP, GMP, GPP) include:

-preventing the import of low-quality products;

-providing the population with high-quality, safe and harmless medicines;

-a clear definition of responsibility for ensuring the safety of pharmaceutical products;

-ensuring timely and high-quality fulfillment of their duties by employees;

-changing the approach to ensuring the quality and safety of pharmaceutical products, which reduces losses from defects and product recalls;

-documentary evidence of confidence in the safety of pharmaceutical products;

-creation of a quality system that meets international requirements;

-elimination of technical barriers in the implementation process;

-to open a wide path for the export of domestic products to foreign countries, as well as ensuring the competitiveness of domestic products;

-prevention of counterfeit low-quality medicines entering the supply chain;

-ensuring the delivery of pharmaceutical products to the consumer, without changing its properties;

-participation in tenders for public procurement of pharmaceutical products.

Conclusions: The introduction of GPP will help reduce the risk of counterfeit and counterfeit medicines appearing on the market. Due to strict regulations and

requirements, pharmaceutical organizations will be required to control the quality and authenticity of medicines. In addition, the transition to the National Standard of Good Pharmacy Practice will help to increase public confidence in pharmaceutical organizations. Patients will know that they are receiving high-quality and safe medicines, which will reduce the risk of undesirable side effects and complications. This helps to raise the standards of pharmaceutical practice and improve public access to quality medicines.

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