
ANALYSIS OF THE MARKET SEGMENT – PRODUCTS OF MEDICAL TREATMENT OF INJECTABLE SYRINGES IN THE PHARMACEUTICAL MARKET OF THE REPUBLIC OF UZBEKISTAN

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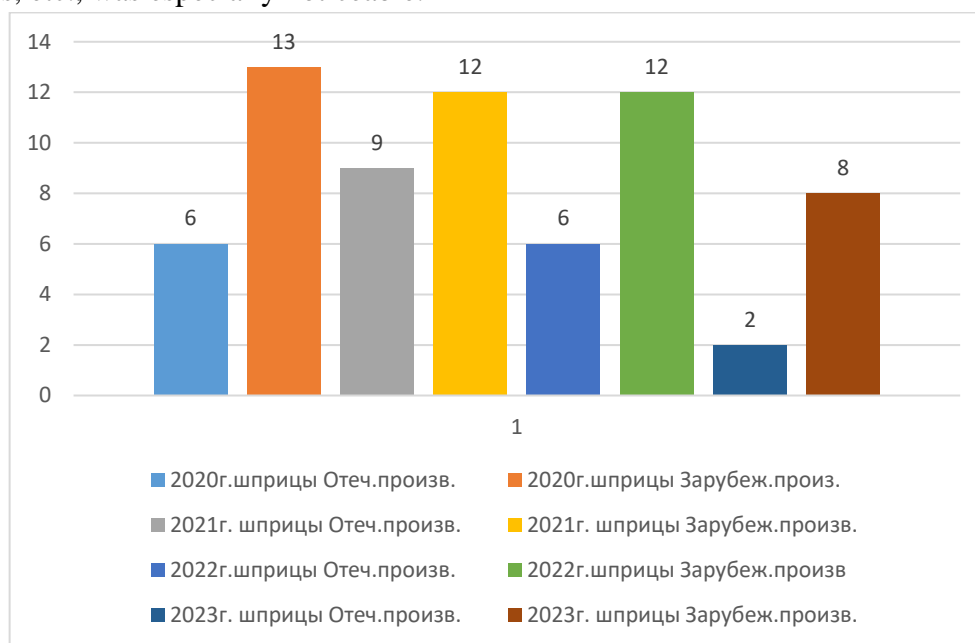
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Abstract:	Keywords
<p>The medical device industry is the most important and fastest-growing segment of the healthcare industry. Medical device manufacturers produce a wide range of products, from complex diagnostic and therapeutic devices to simple medical devices for use in medical institutions. In recent times, many manufacturing companies in the industry have made significant technological advancements and have grown exponentially. The market continues to grow globally, despite strict regulations and financial pressure on the industry.</p> <p>For another 20-25 years, there have been only 3 enterprises in Uzbekistan that produce per-linking products and vata, and today there are more than 42 enterprises for the production of 97 names of interconnection devices. The number of enterprises specializing in the production of tys-bonding products and products from local raw materials is growing indefinitely, and their assets are expanding.</p> <p>Objective. The purpose of this study was to study and analyze the results of registration of a medical device - injection syringes presented in the State Register of the Republic of Uzbekistan.</p> <p>Materials and methods. At present, the domestic pharmaceutical industry is faced with the task of not only meeting domestic demand for medical products, but also increasing the export potential of the domestic pharmaceutical industry.</p> <p>In order to be competitive in a market economy, pharmaceutical companies must improve the quality of their products and continuously improve their quality assurance activities. Thanks to the adopted legislative and regulatory documents, the trend towards the substitution of imported products is being monitored.</p> <p>Results and discussion. In the Republic of Uzbekistan, strategies and national concepts in the areas of its application and development have been identified as priority areas of domestic health care, and part of this policy is a policy of continuous improvement of the quality of these areas.</p>	<p>Medical devices, pharmaceutical market, injectable syringes, segment, analysis.</p>

Introduction

Quality control of medical devices is initially carried out through state registration. The registration process in the Republic is mandatory and takes place at the State Unitary Enterprise "National Center for Expertise and Standardization of Medicines, Medical Devices and Medical Equipment" of the Ministry of Health of the Republic of Uzbekistan. To study the registration status of medical devices, we analyzed the registration results presented in the State Register.

A study of registrations within state-owned manufacturers of medical devices revealed the absolute leaders – both Russian and Chinese manufacturers, and it turned out that the German manufacturer is one of them. At present, special attention should be paid to the registration of domestic manufacturers of medical devices. We know that during the pandemic, the activity of manufacturers of medical masks, surgical gloves, syringes, threads, etc., was especially noticeable.



Rice. 1 Number of single-use syringe manufacturers (2020-2023)

Based on the figure, in 2020 the number of domestic manufacturers was 6, in 2021 the number of domestic manufacturers increased to 9, and in 2022 again to 6, in 2023 - 2 manufacturers.

If the number of foreign manufacturers registered by the state in 2020 was 13, then in 2021-2022 there were about 12, in 2023 - 8 manufacturers.

The number of foreign manufacturers who certified their products in the pharmaceutical market of Uzbekistan in 2022 is 12 manufacturers of disposable syringes.

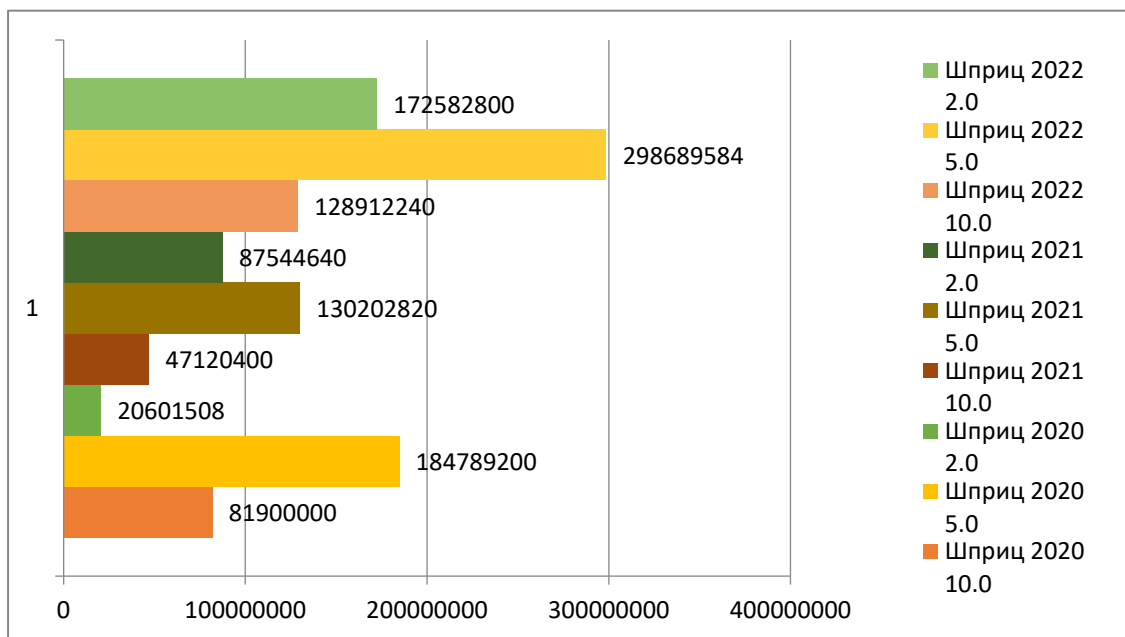


Fig.2 Dynamics of the number of certified syringes of one application depending on the volume (2020-2022)

Based on Figure 2, in 2020, the number of certified 2.0 ml syringes was 20601508 pcs., 5.0 mL - 184789200 pcs., 10.0 ml - 81900000 pcs., 2021 2.0 ml - 87544640 pcs., 5.0 ml - 130202820 pcs., 10.0 ml - 47120400 pcs., and in 2022 the number of syringes was 172582800 pcs - 2.0 ml syringes, 298689584 pcs of 5.0 ml and 128912240 pcs-10.0 ml syringes were certified, 5.0 ml are the most commonly used syringes, accounting for 49.8% of the total, and the number of certified products is higher than in the past, increasing by 48.7%. for 3 years compared to 2020.

Conclusion:

Based on the above results, the leader in the registration of injectable syringes is China, the production of which occupies a leading position among foreign manufacturers (Changzhou Jinlong Medical Plastic Appliance Co., Ltd, Shandong Zibo Shanchuan Medical Instrument Co., Ltd, Changzhou Yuandong Medical Equipments Co., Ltd). To date, on the basis of marketing analysis of the market, it has been established that domestic manufacturers of disposable syringes are losing their positions in terms of compared to the products of foreign companies.