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Analysis Of The Assortment Of Drugs With A Sedative Effect

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ABSTRACT

A content analysis of the pharmaceutical market range of drugs with sedative effect was conducted. In the analysis of drugs with sedative effect, "West trade", "Floromed", "Grand farm", "Tabletka", "Dava", "Shafran farm", "Glucose", "Tetra", "Kobiljon Obidjon", "Pharmacy diabetes", "Navbahor", "777 pharmacy", "999 pharmacy", "pharmacy Malikabonu" pharmacies, the Department of neurology of the II clinic of the Tashkent Medical Academy, the State Department of medicines and medical products the basis of the register was. Determination of the share of products of manufacturing enterprises in the pharmaceutical market was the main objective of the study carried out.

KEYWORDS

Drugs with sedative effect, enterprises of local production, update index, assortment, content analysis.

INTRODUCTION

Since ancient times, sedative drugs have been used for the purpose of treating diseases of the nervous system. They mainly affect the functional activity of the brain, thereby disrupting braking. This group of drugs does

not have a sleeping effect, but relaxes the onset of sleep. Has no side effects. Psychological or physical dependence does not call for such characteristics as getting used to sedative drugs. From the literature data it

became known that sedative drugs are the most "ancient" drugs, they are being used to treat diseases of the nervous system. The modern pharmaceutical market in Uzbekistan is characterized by the growth of their nomenclature.

To conduct a content analysis of sedative drugs, we mainly used the data of the state register of medicines and medical products for 2019 year 23. During the research, the total amount of sedative drugs allowed to be used in

our republic until now was calculated and on this basis the analysis of the assortment on state-owned enterprises was carried out.

During the analysis, it was found that about 100 types of sedative drugs were recorded in the state register under the trade name. Of these, 49 (49%) corresponded to domestic production enterprises, 27 (27%) correspond to the production enterprises of independent Commonwealth states, 24 (24%) correspond to the enterprises of foreign countries.

Table 1

Analysis of the assortment of sedative drugs included in the State Register of medicines and medical products

Nº	State Register Of The Republic Of Uzbekistan	Locally produced drugs	Drugs produced by the CIS countries	Medicines from abroad	Total
1	Nº21 (2017)	45	25	21	91
2	Nº22 (2018)	43	24	21	88
3	Nº23 (2019)	49	27	24	100

According to the results of the content analysis, the names of new sedative drugs are noted in the pharmaceutical market of Uzbekistan.

The form of production of drugs, the structure of sedative drug preparations according to the

producing countries were studied. From the pharmacies, whose names were mentioned above, the average price of the most commonly used sedative drugs was determined.

Table 2

Average retail price analysis of sedative drugs

Nº	Name of sedative drugs	Form of the drug	Name of the manufacturer	Average retail price (in sum)
1	Valerian nastoyka	25 ml, 40ml, 50 ml in bottle	Radiks, NPP Uzbekistan	2000
2	Valerian nastoyka	20ml, 25ml, 40ml, 50ml in bottle	Remedy Group, SPOOO English-British United Kingdom	2300
3	Valerian nastoyka	15 ml, 20ml, 25ml, 40ml, 50ml bottle	Galenika, OOO Uzbekistan	1500
4	Valerian nastoyka	25 ml bottle, 20l, 60L bottle	Neogalen Farm, IPOOO Uzbekistan	2700
5	Valerian nastoyka	In 25 ml of bottle	Biatan, OOO Uzbekistan	4700
6	Valerian nastoyka	25 ml, 40ml, 50 ml in Bottle	Aktash, CHP Uzbekistan	3500
7	Valerian extract	Table 20mg Nº10, Nº 25, Nº50 (contour leaf packaging)	Nika farm, DXO Uzbekistan	1800
8	Valerian Bel med	Tabletka 200 mg Nº10, Nº20, Nº30, Nº50 (contour yacht package)	Belarusian bel med preparations, RUP	1500
9	Valerian nastoyka	30 ml	Medicinal preparations Borisov plant, OAO Belarus	1600
10	Valerian extract	20mg shell-coated sachet Nº10, Nº50 (contour leaf packaging)	Dalhim farm, OAO Russia	1500
11	Korovina	Drops 25 ml in a bottle	Farmak, OAO Ukraine	6000
12	Corvale	Tablet Nº10, 30, 50 blisters	Farmak, OAO Ukraine	6500
13	Corvale	Drops 25 ml in a bottle	Farmak, OAO Ukraine	6200

14	Korvaltap	Tablet №20 blister	Start of Farma, OOO Ukraine	2000
15	Fitused	Capsules №20	XFZ in Krasnaya Zvezda, Pao Ukraine	3500
16	Fitused	100 ml nastoyka bottle	Tbilisi pharmaceutical plant, OOO Georgia	3600
17	Fitused	25 ml drops	Tbilisi pharmaceutical plant, OOO Georgia	3400
18	Gardialex	Nastoyka 25ml, 50ml	Aktash, CHP Uzbekistan	6000
19	Gardiastim	Nastoyke 25ml, 30ml, 40ml, 50ml	Biatan, OOO	4500
20	Postirnik	Nastoyke 25ml, 30ml, 40ml, 50ml	Grace Pharma, OOO	1000
21	Sedavit	Tablet №20 blister	Kievmedpreparat, Pao Ukraine	31000
22	Sedavit	In 100 ml, in 200 ml bottle	Galichfarm, Pao Ukraine	32000
23	Sedistress	Tablet №30 blister	Start of Farma, OOO Ukraine	23000
24	Vamelan	Capsules №30 blister	World Medicine, England produced Poland	37000
25	Dormant	Homeopathic diet №150	Deutsche Homoeopathie Union DHU-Arzneimittel GmbH&Co.KG Germany	55000

As can be seen from the table, the prices of medicines of several manufacturing enterprises do not differ greatly from each other. Such a result leads to an increase in the possibility of choosing an assortment of sedative drugs among patients.

Also in the course of the research, the update index, which is one of the indicators of the assortment of drugs with a sedative effect, was determined. The renewal of sedative drugs for

a certain period of time means different manifestations of this type of medication, and this indicator is evaluated by the renewal index. The update index will determine the update level of the assortment. This is determined by the ratio of drugs with a sedative effect to the total number of drugs registered in the last 3 years. For this, the following formula was used:

$$K=Ya \cdot 100\% / U = 36 \cdot 100 / 100$$

According to:

K – update index of the assortment;

Ya – the amount of sedative drugs registered for a certain period of time;

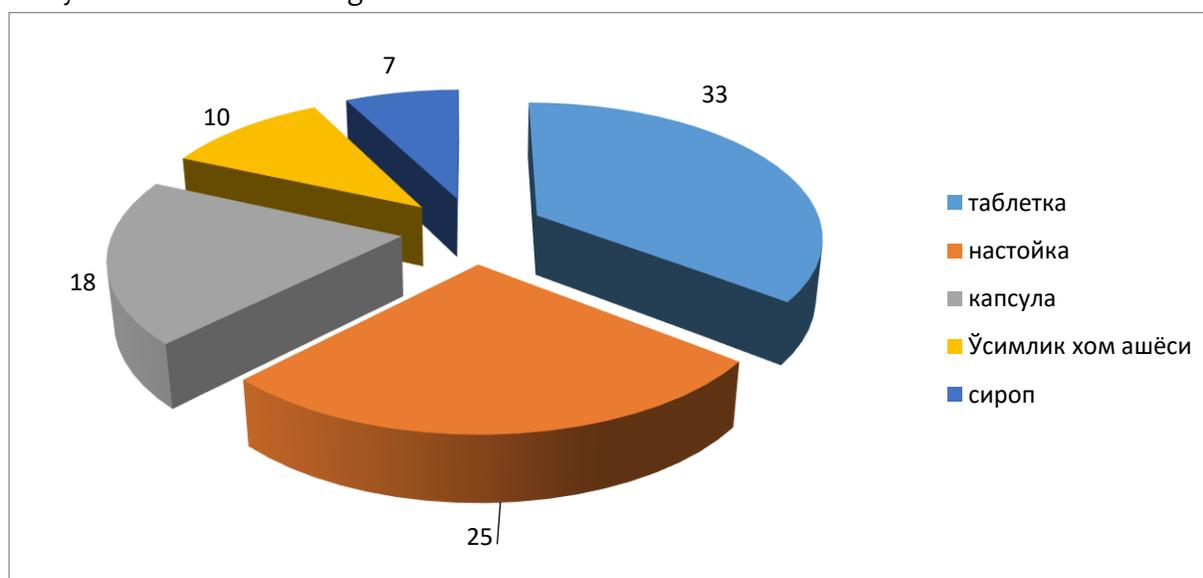
U– the total amount of the assortment of sedative drugs.

It can be seen that the renewal index is 36%, which means that the assortment of drugs with a sedative effect is updated to 36% in 3 years

During the course of the research process, a survey was conducted among the Pharmacists

of the pharmacies whose names were mentioned above in order to investigate the demand of the population as a local producer, as well as the use of drugs. As a result of the survey, it was revealed that the population's need for sedative drugs was being met.

Also analyzed on the drug forms of sedative drugs. According to this, it was found that 33% of the total assortment corresponds to the forms of syrups, 25% to nastoys, 18% to capsules, 10% to plant raw materials, 7% to syrups and the rest to drop-drug.



CONCLUSIONS

The content analysis of sedative drugs approved for use in the medical practice of the Republic of Uzbekistan was carried out and the following results were achieved:

1. It was found out that the significant share of sedative drugs (49%) recorded in the

Republic of Uzbekistan corresponds to domestic production enterprises.

2. The forms of drugs from sedative drugs, such as nastoyka, drops, tabletk, capsules, syrup, prepared from plant raw materials, constitute the main part of the assortment.

3. In our republic, it was found that the assortment of sedative drugs, which are

licensed for use in medical practice, has been significantly updated to 36% for domestic drugs.

4. When analyzing the drug forms of sedative drugs, it was found that 33% of the total assortment was treated with ointments, 25% with nastoys, 18% with capsules, 10% with plant raw materials, 7% with syrups and the remaining components were injected into the form of drops.

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