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Assortment Analysis And Comparative Characteristics Of The Results Of Registration Of Sedative Drugs In The Republic Of Uzbekistan

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ABSTRACT

Analysis of the assortment of sedatives registered in the Republic of Uzbekistan showed that sedatives are represented on the pharmaceutical market of the country by such dosage forms as drops, solutions, tinctures, syrups, medicinal herbal raw materials, capsules and tablets. Considering that sedatives registered in the form of a substance, with the exception of the dry extract of Leoglycyrfll produced by “Uzkimyofarm”, there are practically no names of S.K. Islambekov in the Joint Stock Company. In this regard, we consider it expedient to create a new sedative medicinal product of herbal origin in the form of a substance and obtain dosage forms based on it.

KEYWORDS

Sedatives, mechanism of action, state register of medicines, assortment, and registration.

INTRODUCTION

Sedatives (from Lat. Sedatio “sedation”) are a group of medicinal substances of plant or synthetic origin; which causes calming or a decrease in emotional stress without a

hypnotic effect. Compared to modern tranquilizers, sedative drugs have mild sedative and anti-anxiety effects. A strong hypnotic effect in this group of drugs is

practically absent; however, they enhance the effect of hypnotic drugs; thus facilitating the onset of sleep and contributing to its deeper and calmer flow. Good tolerance and the absence of severe side effects allow them to be used in everyday life. For ease of use, sedatives are produced in different dosage forms, such as tablets, capsules, drops and syrups [1, p. 528; 2, p. 4820].

Types of sedatives: All sedatives can be divided into groups according to their pharmacological properties and the composition of the main active ingredient. We will analyze the most common groups, as their strength of action increases:

- Vegetable
- Synthetic
- Homeopathic remedies
- Combined medicines
- Antidepressants
- Antipsychotics
- Sedative tranquilizers

Herbal preparations: Preparations from plant materials (valerian roots, leaves and flowers of motherwort, shoots of passionflower) have been used as sedatives for a very long time. This group of drugs is characterized by a mild cumulative effect, the possibility of long-term use without addiction, and a low risk of side effects. The most effective plants in this group are valerian, motherwort, peppermint, hops, peony, passionflower, lavender. They are the basic building block of many patented one-way and complex sedatives.

Synthetic drugs: This group of drugs has a more pronounced effect on the nervous system and has more contraindications and side effects than herbal remedies. In this regard, the list of non-prescription drugs of the synthetic group

is not so large. These include AFOBAZOL, Glycine.

THE MAIN FINDINGS AND RESULTS

Today, the pharmaceutical industry of Uzbekistan belongs to the dynamically developing sectors of the national economy and is one of the leading among the CIS countries. The state policy and strategy for the development of the pharmaceutical industry of the Republic of Uzbekistan is aimed at stimulating the growth of production potential, attracting foreign investment by providing a system of benefits and preferences.

The volume of the pharmaceutical market in our country is estimated at \$ 1 billion, the share of local manufacturers in it is small. Control over the quality and pricing of medicines is complicated due to the lack of a labeling system and the inability to fully trace the movement of goods.

A reliable and effective way to improve the health of the population is to expand the production of high-quality pharmaceutical products based on environmentally friendly medicinal plants growing in Uzbekistan.

The main task of the industry today is the formation of a rational and balanced system of drug supply for the population, balanced with the financial resources of budgets at all levels, to meet the needs of the country's health care in affordable, high-quality and effective drugs. As a result, over the past two years, 41 new pharmaceutical enterprises have been created; their total number has reached 220. This year, the volume of production in the industry has increased 1.5 times compared to last year. 18 new pharmaceutical free economic zones have been commissioned on the territory of 8 free

economic zones of pharmaceuticals; facilities with a total value of \$ 84 million, they have established the production of 600 types of drugs and more than 50 types of medical products.

However, these capacities are not enough, as well as the range of domestic pharmaceutical products is not wide enough. In this regard, domestic demand is not fully met, and the shortage has to be met through imports.

PURPOSE OF THE STUDY

To study the range of sedative medicines registered in the Republic of Uzbekistan.

MATERIALS AND METHODS

To conduct content analysis, the data provided in the “State Register of Medicines, Medical Products and Medical Equipment Allowed for Use in Medical Practice of the Republic of Uzbekistan” for 2015-2020 (No. 19-24) were used. [3, p. 754; 8, p. 608]

This publication examines the range of sedative drugs registered in the Republic of Uzbekistan, used in the treatment of diseases of the central nervous system.

In the State Register for 2015, there are 73 assortments of sedative drugs of trade names, international non-proprietary names, dosage forms, doses and manufacturers of such dosage forms as syrups, drops, solutions, capsules, tablets, fees and tinctures. Starting from 2015 to 2019, the assortment increased from 73 to 100 assortment positions due to the medicines of a local manufacturer. In 2015 and 2016, the assortment of sedative medicines decreased by 1 and 3 assortment positions. In 2017, the increase compared to 2014 was 22.9%, in 2018 - 18.9%. In 2019, the assortment increased to 100 assortment positions. But since 2020, the assortment of sedative drugs has decreased by 5 assortment positions in comparison with 2019. The dynamics of changes in the assortment of sedative drugs for 2015-2020 is shown in Figure 1.

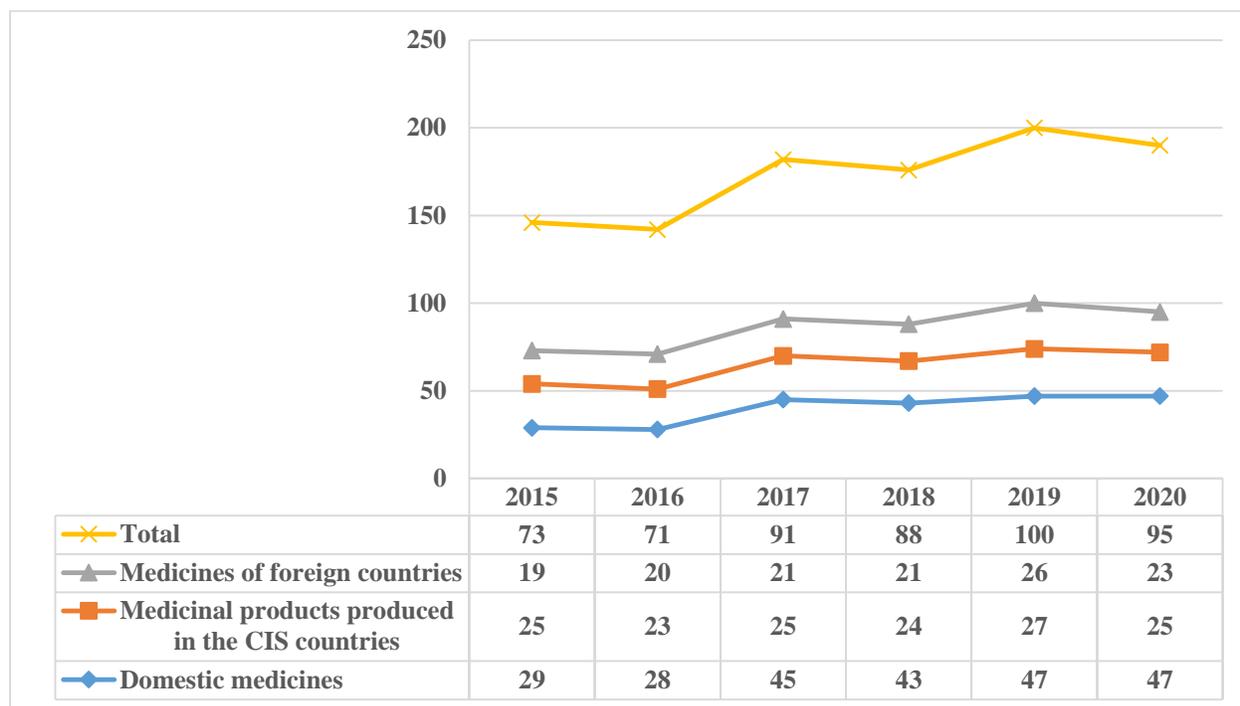


Figure 1. Assortment of sedative medicines included in the State Register of the Republic of Uzbekistan

As can be seen from the data in Figure 1, for 2015-2020 (No. 19-24) the share of sedative drugs produced in the CIS countries ranges from 23 to 27 names, the share of sedative drugs from other foreign manufacturers ranges from 19 to 26 names of medicinal funds,

the dynamics of which practically did not change during 2015-2020. In the same period, the share of domestic manufacturers increased from 29 to 47 items.

Table 2 shows sedative medicines of domestic production, entered in the State Register of the Republic of Uzbekistan in 2019 [3, p. 604].

Table 2

List of sedative medicines of domestic production registered in the Republic of Uzbekistan

Nº	Medicine name	Dosage form	Company manufacturer
TINCTURE			
1.	VALERIANA-LIK TINCTURE	Tincture 20, 30, 40, 50 ml	Lekinterkaps, Limited Liability Company, Uzbekistan
2.	VALERIAN TINCTURE	Tincture 25, 40, 50 ml	ZIYONURFARM, PC, Uzbekistan

3.	VALERIAN TINCTURE	Tincture 20, 25, 40, 50 ml	RemedyGroup, Uzbek-British JV LLC, Uzbekistan
4.	VALERIAN TINCTURE	Tincture 15, 20, 25, 40, 50 ml	Radiks, private research and production enterprise, Uzbekistan
5.	VALERIAN TINCTURE	Tincture 20, 25, 40, 50 ml	AVICENNA, LLC, Uzbekistan
6.	VALERIAN TINCTURE	Tincture 15, 20, 25, 40, 50 ml	Galenika, LLC, Uzbekistan
7.	VALERIAN TINCTURE	Tincture 25, 30, 40, 50 ml	GracePharma, LLC, Uzbekistan
8.	CARDIOGALEN-NGP	Tincture 25, 30, 50 ml	Neogalenpharm, IP LLC, Uzbekistan
9.	CARDIOLEXIN-ZNF	Tincture 25, 40, 50 ml	ZiyoNur Farm, PC, Uzbekistan
10.	CARDIOLEX	Tincture 25, 50 ml	Aktash, PC, Uzbekistan
11.	CARDIOSTIM	Tincture 25, 30, 40, 50 ml	Bioton LLC, Uzbekistan
12.	OPTICARD-LIK	Tincture 25, 50 ml	Lekinterkaps, LLC
13.	MOTHERWORT-LIK	Tincture 25, 50 ml	Lekinterkaps, LLC, Uzbekistan
14.	MOTHERWORT TINCTURE	Tincture 25, 30, 40, 50 ml	GracePharma, LLC, Uzbekistan
15.	MOTHERWORT TINCTURE	Tincture 25, 40, 50 ml	ZIYONURFARM, PC, Uzbekistan
16.	MOTHERWORT TINCTURE	Tincture 25, 40, 50 ml	Mediofarm, LLC, Uzbekistan
17.	MOTHERWORT TINCTURE	Tincture 20, 25, 40, 50 ml	AVICENNA, LLC, Uzbekistan
18.	MOTHERWORT TINCTURE	Tincture 20, 25, 40, 50 ml	Remedy Group, Uzbek-British JV LLC, Uzbekistan
19.	MOTHERWORT TINCTURE	Tincture 25, 40, 50 ml	Radiks, Research and production enterprise, Uzbekistan
20.	MOTHERWORT TINCTURE	Tincture 25 ml	Neogalenpharm, IP, LLC. Uzbekistan
21.	MOTHERWORT TINCTURE	Tincture 25, 50 ml	Aktash, PC, Uzbekistan
22.	TRIOGALEN	Tincture 25, 40, 50 ml	Avisenna, LLC, Uzbekistan
23.	TRIOGALEN	Tincture 20, 25, 40, 50 ml	Galenika, LLC, Uzbekistan
CAPSULES			
1.	VALISED-LIK	Capsules N10, N30	Lekinterkaps, OOO, Uzbekistan

2.	SEDONIC® NPH	Capsules N10, N20, N30	NikaPharm, ДХО, Узбекистан
3.	STRESSANET	Capsules N10, N20, N30	NikaPharm, DRL (packaging) Krasnaya Zvezda, chemical pharmaceutical plant, Open Joint Stock Company, Ukraine (production), Uzbekistan
4.	PERSON	Capsules N10, N20	Kamol Med Farm, LLC (packaging) NabrosPharma Pvt. Ltd., India (manufactured) Uzbekistan
SOLUTIONS AND DROPS			
1.	CORVALOL - NGP	Oral drops 25, 30 ml	Neogalenpharm, IP, LLC. Uzbekistan
2.	SEDANORM-LIK	Oral solution 25, 30, 40, 50, 90, 100 ml	Lekinterkaps, LLC, Uzbekistan
TABLETS AND DRY EXTRACTS			
1.	LOTOSED ATM	Film-coated tablets N20, N30	ATM Pharm, LLC, Uzbekistan
2.	PALORA®	Coated tablets N10, N20, N30, N40, N50	Nobel-Pharmsanoat, IP, Uzbekistan
3.	SEDAREM	Film-coated tablets N10, N20, N30	RemedyGroup, JV, Uzbek-British LLC, Uzbekistan
4.	LEOGLYCYRFLON	Dry extract 30 g, 50 g, 100 g, 500 g	Uzkimyofarm, JSC named after S.K. Islambekov, Uzbekistan
5.	PALORA® NIGHT)	Coated tablets 300 mg N10	Nobel-Pharmsanoat, IP, OOO Uzbekistan
6.	PALORA® ULTRA	Film-coated tablets 200 mg N10, N20, N30 (blister packs)	Nobel-Pharmsanoat, FE LLC Uzbekistan
MEDICINAL PLANT RAW MATERIALS			
1.	LEMON BALM HERB	Medicinal herbal raw materials 30 g, 2 g N25	QASHQADARYO DORI-DARMON, JSC, Uzbekistan
2.	VALERIAN RHIZOME WITH ROOTS	Medicinal herbal raw materials 30 and 50 g	Asel, PC, Uzbekistan
3.	LEMON BALM HERB	Medicinal herbal raw materials 25, 30, 40, 50, 100g	ZamonaRano, LLC Uzbekistan
4.	MOTHERWORT GRASS	Medicinal herbal raw materials 30, 50 g	Asel, PC, Uzbekistan
5.	MOTHERWORT GRASS	Medicinal herbal raw materials 2 g N15, N20, N25	Soqoqgilos, FH, Uzbekistan
6.	MOTHERWORT GRASS	Medicinal herbal raw materials 30, 50 g	SPETS LESHOF named after Abu Ali Ibn Sino, PO “Shifobakhsh”, Uzbekistan

7.	MOTHERWORT GRASS	Medicinal herbal raw materials 30, 50, 100 g	GERBOFARM, OC, Uzbekistan
8.	COLLECTING RANO	Medicinal herbal raw materials 20, 30, 40, 50, 100 g	ZamonaRano, LLC, Uzbekistan
9.	SEDATIVE COLLECTION OF PHLEGM	Medicinal herbal raw materials 30, 50 g, 1, 1.5 g N20, N25	SORB TEH, LLC, Uzbekistan
SYRUP			
1.	PALORA®	Syrup 694.444 mg / 5 ml 100 ml	Produced by: Nobel Almaty Pharmaceutical Factory, JSC, and Kazakhstan. Packaged: Nobel-Pharmsanoat, IP, Uzbekistan
2.	PHYTOPASSIT-IS	Syrup 50 ml, 90 ml (vials)	Uzkimyofarm, JSC named after S.K. Islambekov, Uzbekistan
3.	PROPASSIT	Syrup 50 ml, 90 ml (vials)	Uzbek Research Institutes of Chemistry And Pharmaceutics them. A. SULTANOVA for ProfiPharmServis, LLC, Uzbekistan

The data given in Table 2 showed that domestic manufacturers have registered 47 medicines, of which: 28 medicines in the form of liquid dosage forms such as tinctures, drops, solutions and syrups, 10 medicines in the form

of capsules and tablets, one in the form of a dry extract and 9 preparations represented by medicinal herbal raw materials. Figure 1 shows the ratio of domestically produced sedative drugs produced in various dosage forms.

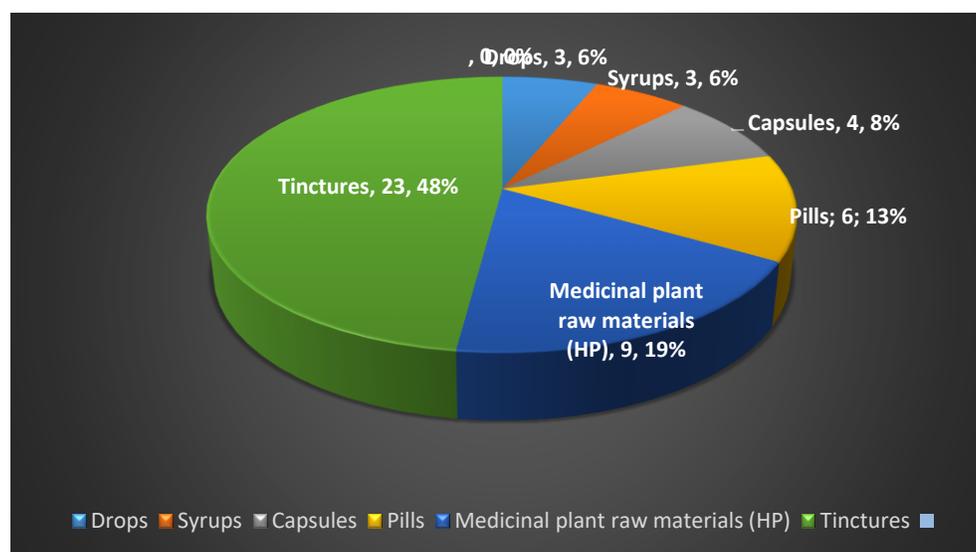


Fig 1. The quantitative ratio of domestically produced sedatives in 2019

As a result of the analysis, it turned out that in the assortment of locally produced sedative drugs there are both liquid and solid dosage forms, but with a predominance of liquid dosage forms. Among them, tinctures are in the first place, water extracts from medicinal plant materials are in the second, then syrups and drops for oral administration follow.

Based on this, it can be concluded that the pharmaceutical market of the Republic of Uzbekistan offers the target segment of

consumers a significant wide range of sedative medicines of commercial production.

Further, the assortment composition of sedative drugs produced in the CIS countries, which are registered in the Republic of Uzbekistan, was studied.

Table 3 shows sedative medicines produced in the CIS countries, which are included in the State Register of the Republic of Uzbekistan for 2019.

Table 3

List of sedative drugs of the CIS countries registered in the Republic of Uzbekistan

Nº	Medicine name	Dosage form	Manufacturer, country
SOLUTIONS AND DROPS			
1.	BARBOVAL®	Oral drops 25 ml	Farmak, PJSC, Ukraine
2.	CORVALOL®	Oral drops 25 ml	Farmak, PJSC, Ukraine
3.	SEDAVIT	Oral solution 100 and 200 ml	Galichpharm, PJSC, Ukraine
4.	SEDATIVE DROPS	Oral drops 50 ml each	Borisov Plant of Medical Products, JSC, Belarus
5.	PHYTOSED®	Drops 25 ml	Tbilisi Pharmaceutical Plant, LLC, Georgia
6	CORVALOL	Oral drops 25 ml (dropper bottles)	Usolye-Siberian Chemical Pharmaceutical Plant, JSC Russia
TABLETS			
1.	BROMCAMPHOR	Tablets 250 mg N30	Irbitsky CPP, JSC, Russia
2.	VALERIAN - BELMED	Coated tablets 200 mg N10, N20, N30, N50	Belmedpreparaty, RUE, Belarus
3.	VALERIAN EXTRACT	Film-coated tablets 20 mg N25, N50	Borisov Plant of Medical Products, JSC, Belarus
4.	VALERIAN EXTRACT	Film-coated tablets 20 mg N10, N50	Dalkhimfarm JSC, Russia
5.	VALERIAN EXTRACT	Film-coated tablets 20 mg N10, N50	Pharmstandard-Tomskkhimfarm, JSC, Russia
6.	CORVAL - G	Tablets N50	GM PharmaceuticalsLtd, Грузия
7.	CORVALOL®	Tablets N10, N30, N50	Farmak, PJSC, Ukraine

8.	CORVALTAB	Tablets N20	Pharma Start, LLC, Ukraine
9.	CRATAL FOR CHILDREN	Film-coated tablets N20	Borshagovskiy CPP, PJSC, SPC, Ukraine
10.	CRATAL	Tablets N20	Borschagovskiy Chemical Pharmaceutical Plant, PJSC, Scientific and Production Center, Ukraine
11.	SEDAVIT	Tablets N20	Kievmedpreparat, PJSC, Ukraine
12.	USPOKOY	Homeopathic tablets N20, N40	Materia Medica Holding, SPC, LLC, Russia
13.	KORVALTAB EXTRA	Film-coated tablets N10 (1x10), N20 (2x10) (blisters)	PharmaStart, LLC Ukraine
14.	SEDISTRESS	Tablets N30 (3x10) (blisters)	PharmaStart, LLC Ukraine
CAPSULES			
1.	MENOVALENE	Capsules N20	Borshagovskiy CPP, PJSC, SPC, Ukraine
2.	RELAXIL	Capsules N20	Kiev Vitamin Factory, Ukraine
3.	SOMNA - RITZ® FORTE	Capsules N10	GM Pharmaceuticals Ltd, PSP group, Georgia
4.	SOMNA - RITZ®	Capsules N10, N30	GM Pharmaceuticals Ltd, PSP group, Georgia
5.	TRIVALUMEN	Capsules N20	Borshagovskiy CPP, PJSC, SPC, Ukraine
6.	PHYTOSED	Capsules N20	Krasnaya Zvezda, Chemical Pharmaceutical Plant, Public Joint Stock Company, Ukraine
SYRUPS			
1.	PALORA®	Syrup 100 ml	Nobel Almaty Pharmaceutical Factory, JSC, Kazakhstan

As can be seen from Table 3, the manufacturers of the CIS countries have registered 27 medicines, of which: 20 medicines in the form of solid dosage forms and 7 medicines in the form of liquid dosage forms.

In Figure 2, you can see the quantitative ratio of sedative drugs produced in the CIS countries.

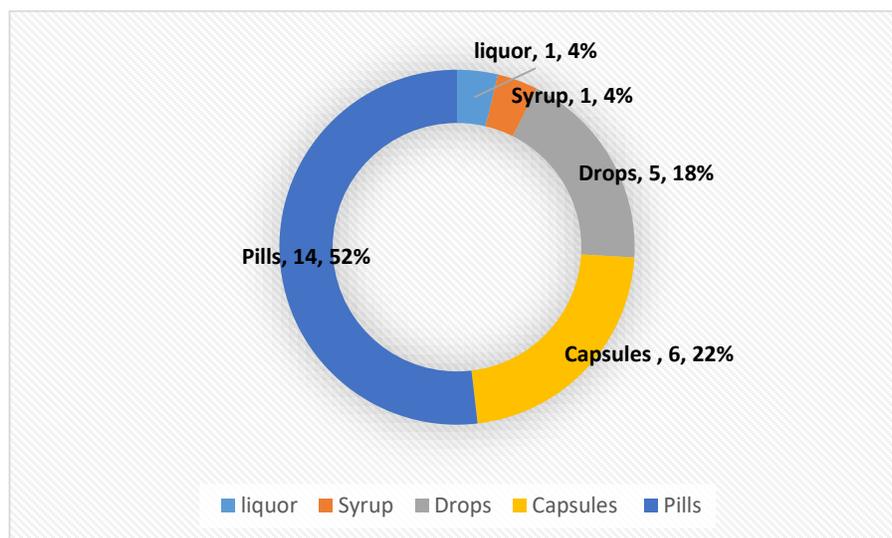


Fig 2. The quantitative ratio of dosage forms of sedative drugs produced in the CIS countries for 2019

As can be seen from Figure 2, sedative medicines produced in the CIS countries are produced in various dosage forms in the form of drops, syrups and solutions. In comparison with liquid, solid dosage forms prevail.

Further, it has been studied on a side-by-side basis with the range of registered sedative medicines of foreign countries.

Table 4 shows sedative medicines of foreign countries included in the State Register of the Republic of Uzbekistan for 2019.

Table 4

List of sedative medicines of foreign countries registered in the Republic of Uzbekistan

Nº	Medicine name	Dosage form	Manufacturer, country
SYRUPS			
1.	ALLEVA	Syrup 150 ml	Rotapharmllaclari Limited Sirketi. Turkey Produced: FarmamagAmbalajSanayiveTicaretA.S., Turkey
2.	ALORA ®	Syrup 100 ml	Nobelllac Sanayiive Ticaret A.S., Turkey produced by: Nobelfarmallac Sanayiive Ticaret A.S., Turkey
3.	BIOPASSITE	Syrup 100 ml	BioMedicarePvt. Ltd., India manufactured by: MultaniPharmaceuticals Ltd, India
4.	RELAXSHREY	Syrup 100 ml	ShreyNutraceutical & Herbals PVT., LTD. India

5.	PALORA®	Syrup 100 ml (vials)	Nobel IlacSanayiiveTicaret A.S. Turkey
PILLS			
1.	ARDEICEDON® NACHT	Film-coated tablets N20, N50	ArdeypharmGmbH, Германия
2.	VALEVITE	Coated tablets N20	PharmazeutischeFabrikMontavitGes.m.b. H., Austria
3.	VALERINOVKA	Film-coated tablets N60	Virgo UAP Pharma Pvt. Ltd. India Manufactured for: Shrey Nutraceuticals & Herbals Pvt. Ltd, India
4.	DEPRIM®	Film-coated tablets 60 mg N30	Lekd.d., Slovenia
5.	DORMIKIND	Homeopathic tablets N150	Deutsche Homoeopathie-Union DHU- Arzneimittel GmbH & Co.KG, Germany
6.	LOTOSONIC	Film-coated tablets N10; N20	Danapha Pharmaceutical Joint Stock Company, Vietnam
7.	PERSEN® DAY / PERSEN® NIGHT	Coated tablets N40	Lekd.d., Slovenia
8.	SYMPATHIL	Coated tablets N40	Laboratoire Innotech International, France Produced by: InnotheraChouzy, France
9.	NORMODOX	Enteric-coated tablets N30 (3x10), N100 (10x10) (blisters)	Unicure (India) Pvt. Ltd India
10.	NUREXAN	Tablets N25, N50 (polypropylene containers)	BiologischeHeilmittel Heel GmbH Germany
CAPSULES			
1.	BODRIN	Capsules N30	Dr.SertusIlacSanayiveTicaretLimited Sirketi, Turkey Produced by: Adipharm Ltd, Bulgaria
2.	VALIAN-X	Capsules N30, N50, N100	Mega Lifesciences (Australia) Pty. Ltd, Australia Manufactured by: Mega Lifesciences Public Company Limited, Thailand
3.	WAMELAN	Capsules N30	WorldMedicine, England Produced by: P.P.F. Hasco-LekS.A., Poland
4.	NERVOMIX FORTE	Capsules N20	Adamed Consumer Healthcare S.A., Poland Manufactured by: Pharmaceutical Works Polfa in Pabianice Joint Stock Company, Poland
5.	RELAXSHREY	Capsules N30	ShreyNutraceutical & Herbals PVT., LTD, India

6.	STRESSI	Capsules N20	AvantikaMedex PVT. LTD, India
7.	CENTRAL-B	Capsules N15, N30, N45	Rotapharm Limited, UK Manufactured by: Laboratoria Qualiphar N.V./S.A., Belgium
8.	CENTRAL-B	Capsules N15, N30, N45	Rotapharm, UK produced by: Adipharm Ltd, Bulgaria
9.	PERSEN® DAY / PERSEN® NIGHT	Capsules N20	Lekd.d., Slovenia
10.	DOCTORSON	Capsules N20 (2x10) (blisters)	NabrosPharma Pvt. Ltd India
11.	SONLIFE	Capsules N30 (3x10) (blisters)	Shree Life Sciences Pvt. Ltd India

As can be seen from the table, manufacturers of foreign countries have registered 26 assortment positions.

Figure 3 shows the quantitative ratio of sedative drugs produced in other foreign countries produced in various dosage forms.

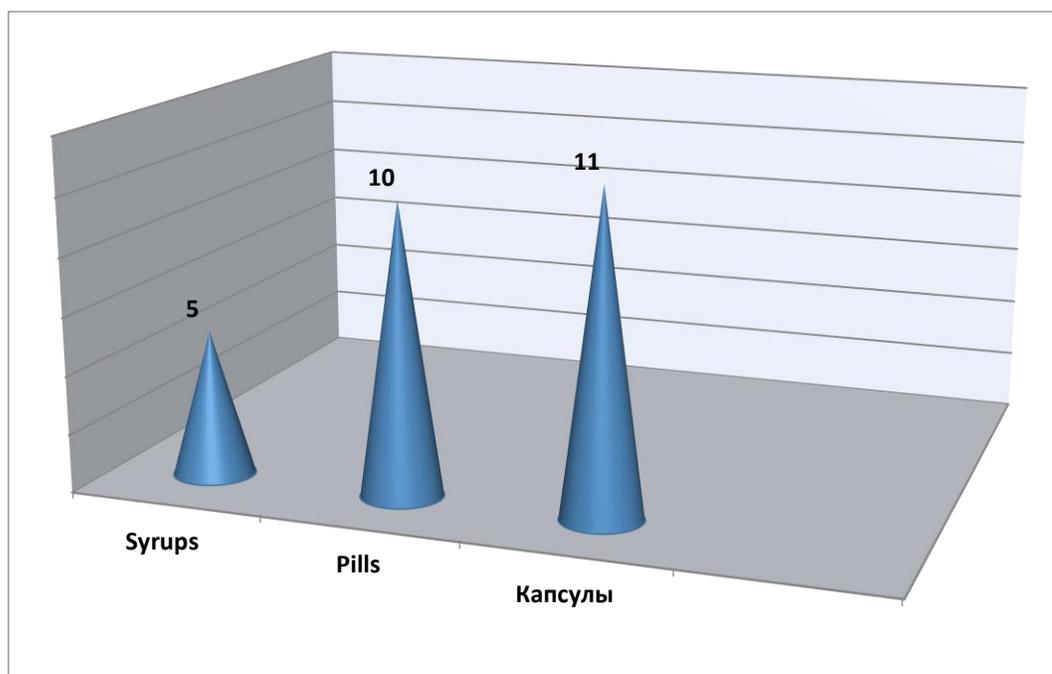


Fig. 3. The quantitative ratio of sedative drugs produced in foreign countries in various dosage forms for 2019

Table 5

Analogues of foreign sedative medicines produced in the Republic of Uzbekistan

№	Medicinal products produced in the CIS countries		Domestic medicines	
	Medicinal product	Manufacturer, country	Medicinal product	Company manufacturer
1.	PALORA® syrup 100 ml	Nobel Almaty Pharmaceutical Factory, JSC, Kazakhstan	PALORA® Syrup 100 ml	Produced by: Nobel Almaty Pharmaceutical Factory, JSC, Kazakhstan. Packaged: Nobel- Pharmsanoat, IP, Uzbekistan
2.	CORVALOL® drops for oral use 25 ml	Farmak, PJSC, Ukraine	CORVALOL - NGP Oral drops, 25.30 ml	Neogalenpharm, IP, LLC. Uzbekistan

As can be seen from the data in Table 5, two sedative drugs were similar to the drugs produced in the CIS countries in the Republic of Uzbekistan.

Next, the assortment of sedative drugs was studied, the CIS countries for 2020 included in the State Register of the Republic of Uzbekistan. For this period, 25 medicines have been registered.

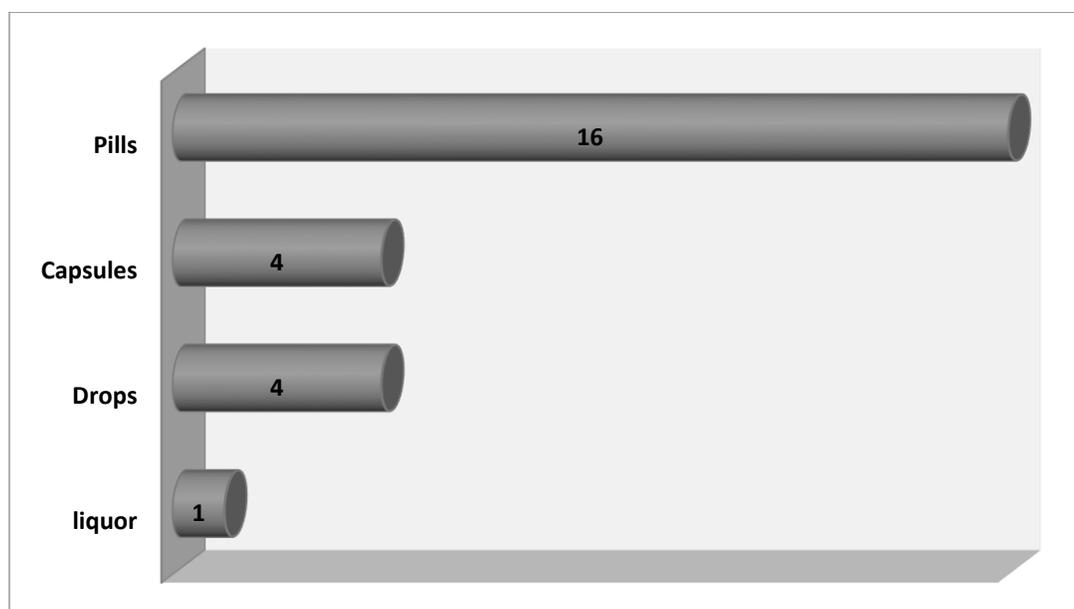


Fig 4. The quantitative ratio of sedative drugs produced in the CIS countries produced in various dosage forms for 2020.

As can be seen from Figure 4, tablets and capsules predominate among sedative drugs produced in the CIS countries.

Content analysis of the assortment of domestically produced sedative medicines for 2020 showed that 47 medicines were

registered by local manufacturers, of which: 31 medicines in the form of tinctures, drops, liquor and syrup, 9 medicines in the form of capsules, dry extract and tablets, and 7

preparations in the form of medicinal herbal raw materials. Figure 5 shows the ratio of locally produced sedatives in different dosage forms.

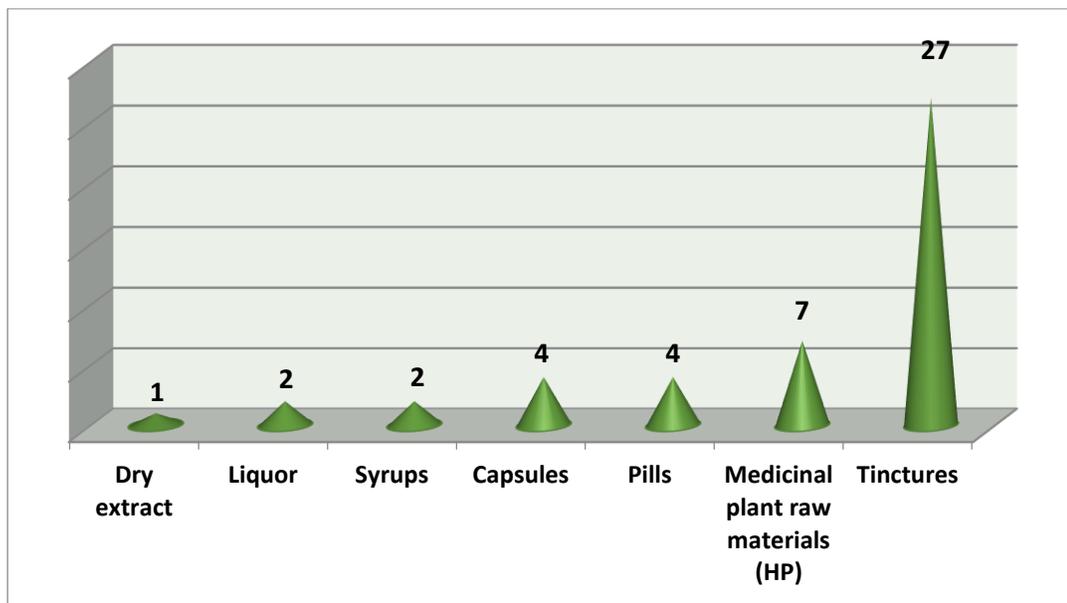


Fig 5. The quantitative ratio of domestically produced sedative drugs produced in various dosage forms for 2020

The results of the study showed that in the assortment of domestically produced sedative drugs, there are solid and liquid dosage forms, but the dominant number of drugs are produced in the form of liquid dosage forms. Among them, tinctures predominate; in second place are medicinal herbal raw materials, then syrups, then drops for oral administration.

One of the main tasks set by the Government of the Republic of Uzbekistan for the pharmaceutical industry is the development of medicines based on scientifically grounded combinations of medicinal plants. The Strategy of Actions in five priority areas for the further development of the Republic of Uzbekistan in the period for 2017-2021, along with other tasks, defines the most significant social tasks of the state for “further development of the pharmaceutical industry, improving the

provision of the population and medical institutions with cheap, high-quality medicines and products, medical purpose”. In order to expand the domestic market with domestic medicines based on local raw materials, to ensure favorable conditions for the comprehensive and accelerated development of the pharmaceutical industry, it is planned to create a new drug substance based on a sedative collection developed by employees of the Tashkent Pharmaceutical Institute. The new substance with a sedative effect includes medicinal plants, with a sufficiently secured raw material base on the territory of the Republic of Uzbekistan. The composition of the substance includes the herb Zopnikaregel (*Phlomisregelii*, L.) and the herb of Turkestan pusta (*Leonurusturkestanicus*, L.).

CONCLUSION

Analysis of the data from the “State Register of Medicines, Medical Devices and Medical Equipment Permitted for Use in Medical Practice of the Republic of Uzbekistan” for 2015-2020 showed that the number of sedative medicines produced in the CIS countries ranges from 23 to 27 names, assortment positions of foreign sedative drugs range from 19 to 26 names of drugs, the dynamics of which practically did not change during 2015-2019. In the same period, the number of medicines from domestic manufacturers increased from 29 to 47 names.

From 2015 to 2019, the assortment of sedative medicines increased from 73 to 100 assortment positions due to medicines of domestic manufacturers. The total number of registered sedatives in 2019 was 100.

In 2020, the assortment of sedative medicines has significantly decreased from 100 to 95 items.

Considering that sedatives registered in the form of a substance are practically absent, with the exception of the dry extract of Leoglycyrl produced by “Uzkimyofarm” JSC named after S.K. Islambekov, we consider it expedient to create a new sedative medicinal product of herbal origin in the form of a substance and obtain dosage forms based on it.

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