

Onions and garlic in herbal medicine and homeopathy. Publication 3: Using raw materials and medicines in homeopathy

A.V. Nefedova¹, T.L. Kiseleva¹, G.A. Zinchenko¹, L.V. Kosmodemyanskiy²

(¹Institute of Homeopathy and Naturotherapy of the Federal Scientific Clinical and Experimental Center for Traditional Methods of Diagnostics and Treatment of the Ministry of Health of Russia, ²Moscow Institute homeopathy, Moscow)

In connection with the widespread use of fresh garlic and onion bulbs in pharmaceutical and homeopathic medical practice, some species of the genus *Allium*, in particular *Allium sulfur* L. - onion and *Allium sativum* L. - garlic, are of natural interest as sources of medicines. In accordance with the order of the Ministry of Health of the Russian Federation of 11/29/1995 No. 335, monopreparations of the same name are allowed for use in homeopathy on the territory of the Russian Federation.

The raw materials for the production of these preparations are fresh bulbs, but there is no regulatory documentation (ND) for them. For raw onion and seed garlic, there are GOSTs: GOST R 51783-2001 "Fresh onions sold in retail outlets" [4] and GOST 7977-87 "Fresh harvested and supplied garlic" [3]. They apply to raw materials for food purposes for fresh consumption and for industrial processing. The quality assessment of raw materials is carried out in accordance with GOST data for the following indicators: appearance, smell and taste, size of bulbs in diameter, content of bulbs with mechanical damage, rotten, steamed, damaged, frostbitten, affected by nematodes and ticks. For onion bulbs, the content of bulbs with an insufficiently dried neck, bare, sprouted, for garlic bulbs - the content of bulbs with fallen off chives, as well as the content of fallen chives and soil adhering to the bulbs. The content of radionuclides, toxic elements, pesticides and nitrates is standardized in the raw materials of onions and garlic. Thus, the given ND is practically unsuitable for use in medical practice, since they lack criteria for assessing the authenticity and good quality of fresh onion and garlic bulbs.

1. ANALYSIS OF THE LEVEL OF STANDARDIZATION OF RAW MATERIALS AND MATRIX TINCTURES OF ONION AND GARLIC IN FOREIGN HOMEOPATHIC PHARMACOPEIA

In order to analyze the level of standardization of raw materials and matrix tinctures of homeopathic from raw materials of these representatives of the genus *Allium*, we studied the homeopathic pharmacopoeias of Germany [28; 29], France [40], Great Britain [24] and India [33]. Pharmacopoeia monographs on homeopathic matrix tinctures of onion and common garlic are present in the homeopathic pharmacopoeias of Germany [28; 29], France [40] and India [33]; the data are given in table. 1 and 2. The French and German homeopathic pharmacopoeias determine the authenticity of raw materials only in the section "External signs". In the Indian Homeopathic Pharmacopoeia, articles are given only on matrix tinctures of onion and garlic, however, the quality of raw materials for their production is not regulated.

It should be noted that in the studied regulatory documents there is no standardization of raw materials and matrix tinctures in terms of the quantitative content of the main groups of biologically active substances [28; 29; 33; 40]. Also, none of the aforementioned homeopathic pharmacopoeias contains indications of specific varieties of onions used in the manufacture of matrix tinctures, although it is known that the raw materials of different varieties differ significantly in chemical composition [10].

To assess the authenticity of matrix tinctures of onion and garlic, the Pharmacopoeias of Germany, France and India describe the appearance of the tinctures, qualitative reactions; use TLC,

index wavelength at which observed maximum absorption Sveta. The good quality of matrix tinctures is determined by the following indicators: ethanol content [33; 40], dry residue [29; 33; 40]; density [29; 33]; pH [33]. The method for preparing the matrix tincture and its description are given in the pharmacopoeias of France and Germany.

Storage conditions for homeopathic matrix tinctures are given only in the German Homeopathic Pharmacopoeia.

2. APPLICATION OF PREPARATIONS ONION AND GARLIC IN HOMEOPATHY

2.1. Onion

The name of the raw onion used in homeopathy for the manufacture of matrix tinctures and monopreparations is Sulfur, Sulfur allium, Allium sulfur (Allium flail, Flax). Allium sulfur was introduced to homeopathy in 1847 by Goering [9]. The monopreparation Allium sulfur (Onion) is approved for use in accordance with the order of the Ministry of Health of the Russian Federation dated 29.11.1995 No. 335 (Appendix 4) [11].

2.1.1. Pathogenesis of Allium sulfur

Miasmatic classification. According to pathogenesis, the drug can be classified as shunts with powerful anti-energy action of a general plan, anti-alternative energetic and trophic action and sycotic traits [9],

The synthetic repertory contains 950 rubrics in which we find Allium cepa L, 65 of which contain single-coil symptoms, i.e. corresponding to only one single drug [42]. Single-coil symptoms, with a significance level of 2 to 4 points, are represented by 15 headings of the Synthetic Repertory [42].

General symptoms. The drug is especially indicated for phlegmatic, calm patients, caught a cold in damp cold weather. Singers have colds, worse in a warm room and towards evening, and better in the open air. [1] Neuralgic pains, as if pulling a thin thread, after amputation or other damage to the nerve trunk [1; 7]. Chronic traumatic neuritis. Burning in nose, mouth, bladder and skin. Feeling of intense heat in various parts of the body [1],

Fever. A rapid rise in temperature about an uneven spasmodic current (associated with acute catarrhal symptoms) [17].

Psyche. Great melancholy during a cold [15]. Confusion of consciousness with a runny nose [15]. Absent-mindedness in the afternoon after drinking coffee or wine [16; 37]. Absent-mindedness and forgetfulness [6].

Dream. Yawning with headache and sleepiness [1.6]. Violent yawning during sleep [1]. Dreams of carnage, storms and dangers [6]. Waking up at 2 am [1].

Head. Headache with acute rhinitis, mainly in the frontal part, worse in a warm room, relief towards evening in the open air [1; 6; 15; 17]. Threadlike pain in the face [1]. Cessation of headache during menstruation and resumption with cessation of menstruation [1; 13].

Table 1

REQUIREMENTS SUBMITTED BY FOREIGN HOMEOPATHIC PHARMACOPEAS TO THE QUALITY OF RAW MATERIALS AND MATRIX TINCTURE ALLIUM SULFUR

Name indicator quality	Pharmacopoeia		
	India	France	Germany
Used part of a plant	-	Fresh onions	Fresh onions
External signs	-	Description available	Description available

raw materials

Method cooking matrix tinctures	-	Maceration with 45% (v / v) ethanol	Chop the onion and leave in a closed container at 20 ° C for 18 hours. Maceration with 86% (by weight) ethanol at a temperature not exceeding 20 ° C for 10 days, from time to time shake up. Filtered.
Description matrix tinctures	-	Liquid of yellow color with a dark red tint, characteristic odor and taste	Light yellow liquid or reddish yellow colors with a strong smell and taste of onions
Identification: Qualitative reactions: 1) c [Ag (NH ₃) ₂] NO ₃ 2) with Zn / HCL, filtering paper Pb (CH ₃ SOO) ₂ 3) with solution NaOH <u>TCX:</u>	Black sediment, not soluble in diluted nitrogen acid - - PF: CCl ₄ : CH ₃ HE N ₂ O (60: 30: 3) - top layer Developer - Ag (NH ₃) ₂ NO ₃ One thing is observed brown spot with Rf about 0.34	Black sediment and silver mirror formation The paper is colored in brown, then black; red-pink solution Dark yellow solution PF: Butanol: ice. ux. k-ta: N ₂ O (40:10:10) • View plate in UV light at 365 nm: Rf about 0.4 - yellow stripe; Rf about 0.70-0.85 yellowish brown band • Developer - AlCl ₃ Observe luminescence in UV light at 365 nm. stripes with Rf about 0.7-0.85 yellow-green • Developer - Ag (NH ₃) ₂ NO ₃ Rf between 0.6 and 0.7 yellow bar; Rf about 0.96 - dark brown stripe; Rf about 0.2 - gray-violet stripe; Rf about 0.35 -	Black sediment and silver mirror formation The paper is colored in black-brown color - PF - the lower phase of the mixture H ₂ O: methanol: dichloromethane (30: 42: 100) Developer - anise aldehyde, heating, at t ° = 105-110 ° C 10 min, viewed in daylight <u>Chromatogram control solution</u> (a mixture of anethole, borneol and pyrogallol in methanol): the lower third is the red zone of pyrogallol; gray-the brown zone of borneol passes from the middle to the upper third of the plate; upper third - purple zone of anethole <u>Chromatogram of the test</u>

		brown band	<p><u>solution:</u> brown area on lines - drawing, slightly purple area above it, yellow area below pyrogallo- the standard, slightly yellowish-green zone and one or two purple zones above the standard pyrogallol. Purple zone below borneol standard, a pink zone just below and two purple zones above this standard; two purple zones may be missing. On level of anethole standard the violet zone is visible</p>
Maximum absorption	- max 255 nm	-	-
Appraisal of good quality:			
1) Relative density	0.960-0.975 g / ml	-	0.940-0.965
2) Dry residue	not less than 2, 00%	not less than 3.00%	not less than 3.2%
3) Content alcohol	41.0-45.0% (by volume)	40-45% (by volume)	-
4) pH	5.00-6.00	-	-
Storage conditions	-	-	In a place protected from light

table 2

REQUIREMENTS PRESENTED BY FOREIGN HOMEOPATHIC PHARMACOPEAS FOR RAW MATERIALS AND MATRIX ALLIUM SATIVUM

Index quality	Pharmacopoeia		
	India	France	Germany
Part used plants	-	Fresh onions	Fresh onions
External signs	-	Description available	Description available
Method cooking matrix tinctures	-	Maceration with 55% (v / v) ethanol	Crushed thoroughly fresh onions and leave in a closed vessel for 18 hours. Macerate with 1, 4 parts 86% (by weight)

			ethanol for 10 days. Filtered.
Description matrix tinctures	-	Liquid of yellow color, characteristic odor and taste	Brown-yellow liquid with a specific unpleasant aromatic odor and taste
Identification: <u>Qualitative reactions</u> 1) c [Ag (NH ₃) ₂] NO ₃ 2) with Zn / HCL, filtering impregnated paper Pb (CH ₃ SOO) _{nine} 3) with solution MaON 4) with nitroprusside sodium / cyanide potassium 5) with alkaline r-rum pentacyanonitrosil " sodium ferrate (II) and decomp. Hcl <u>TLC:</u>	Black sediment, not soluble in diluted nitrogen acid - - - - - PF: CCl ₄ : CH ₃ HE N ₂ O (60: 30: 3) Shake solvent and use the bottom layer as mobile phase. Chromatogram sprayed vanillin solution in sulfuric acid heating, at t ° = 105 ° C for 15 minutes. One thing is observed black spot with Rf 0.22. Place the plate to the top layer solvents and sprayed Ag (NH ₃) ₂ NO ₃ , heating,	White precipitate, at heating becomes brown The paper is colored in black color; Colour solution does not change. The emergence red-pink color solution indicates falsification tincture of Allium cepa Loss of curdled sediment should not observed dark yellow staining (falsification Alliumcepa) Pink staining - PF: butanol: ice acetic acid: N ₂ O (40: 10: 10) • View plate in UV light at 365 nm - observe several blue spots of various shades. • sprayed chromatogram solution Ag (NH ₃) ₂ NO ₃ , observe a brown spot with an Rf of about 0.35 • Developer 25% (by weight) solution trichloroacetic acid in chloroform, heating. at	Black brown staining - Yellow-white coloration - Reddish coloration PP: methylene chloride: methanol: H ₂ O (100: 42: 30) <u>Control solution:</u> solution of anethole, borneol and pyrogallol in methanol. <u>Developer</u> - anise aldehyde, heating, at t ° = 100- 105 ° C -10 min. Evaluate in daylight for 10 minutes. <u>Chromatogram control solution:</u> the lower third of the plate is a red spot of pyrogallol; the upper part of the middle third of the plate is a reddish-violet spot of borneol; the upper third of the plate -

	at t ° = 105 ° C 15 min. Observe one yellow spot with Rf about 0.74	t ° = 100-105 ° C 10 min. Sprayed with the mixture ferric chloride and potassium cyanoferrate. In daylight, at least three blue zones with an Rf of about 0.25 should be observed; 0.5; 0.95 • Spray the plate with ninhydrin, heating. at t ° = 100-105 ° C 10 min. Viewed in daylight: one purple a spot with an Rf of about 0.1; somewhat pink purple spots in interval Rf about 0.25-0.6, the most intense zone with Rf about 0.50	purple spot anethole <u>Chromatogram of the test solution</u> : a purple spot is observed between the application line and the standard pyrogallol; dull purple spot above pyrogall standard, above it a sequence of 2-3 spots, the color of which changes, but predominantly purple, one spot of bright purple colors. Reddish purple spot appears at the level borneol standard, the other - at the level of anethole standard
Maximum absorption	-max 260 nm	-	-
Benignity Assessment:			
1) Relative density	0.850-0.898 g / ml	-	0.891-0.906
2) Dry residue	not less than 0.80%	not less than 2.10%	not less than 4.00%
3) Content alcohol	66.0-70.0% (by volume)	50-60% (by volume)	-
4) pH	6.00-6.70	-	-
Storage conditions	-	-	In a place protected from light, in a well sealed containers

Eyes. Lacrimation - "soft", not irritating [31; 34]. Acute inflammation with profuse burning lacrimation that does not cause irritation [17]. Eyes "bloodshot": profuse non-caustic lacrimation, relief in the open air [1; 13]. Photophobia (photophobia) [1; 17], especially the left eye [6]. Red sclera [1; 13]. Pain as if eyes were suspended by strings [17]. Very painful and burning lacrimation [1]. Burning and itching of the eyelids [1; 6].

Ears. Ear pain radiating to the eustachian tubes [1].

Nose. Rhinitis from flowers [27.34]. Irritant nasal discharge accompanied by non-irritating discharge from the eyes [1; 7; 13; 38; 44]. Rhinitis after exposure to northeastern wind [13; 34]. Annual (August) morning coryza (coryza), with violent sneezing; very sensitive to the smell of flowers and peach skins (for two to three weeks) [13; 16; 32]. Rhinitis from the smell of peaches [13; 16; 32; 34]. Irritant discharge from left nostril. [34] Frequent sneezing [15], especially when entering a warm room [1; 6]. Profuse, watery and very irritating discharge [13; 21]. Feeling of some kind of bulky foreign body in the nose; hay fever [1]. Running coryza with headache, cough and hoarseness [17; 21]. Irritant, thin discharge dripping from the tip of the nose [13]. Polyps [1; 13].

Mouth. Painful sensations in the mouth due to spasm of the muscles of the tongue, spreading to the aryepiglottic bone. [34] Feeling of suffocation in the region of the hyoid bone [34]. Sore pain and lump in the throat when swallowing [6].

Throat. Throbbing sensation in the larynx [16,32,34]. Catarrhal inflammation with a feeling of constriction in the epiglottis [17]. Pain that sometimes spreads to the ears [17].

Stomach. "Wolf" hunger [1]. Pain in the pyloric region [1] when bending forward [6]. Thirst [1]. Frequent belching [1] with general fever [6]. Nausea [1].

Stomach. Pain (stabbing) in the abdomen in the navel [6], decreasing when walking [34]. Pain in the abdomen, in the epigastric region after coitus [34]. Rumbling, offensive gases [1 '6]. Pain in the left hypogastrium [21]. Colic in colic caused by "getting wet" feet, after overeating, from cucumbers, salads, hemorrhoids, in children - aggravated when sitting and decreasing when walking [6; 13].

Rectum. Diarrhea with very offensive flatus [1]. Sharp, sudden stitching pains in the rectum; itching and skin cracks in the anus [1; 6]. Burning heat in the intestines [1].

Urinary system. Pain in the bladder after coitus [6; 23; 32; 34]. Feeling of weakness in the bladder and urethra [1]. An increase in the amount of urine in acute rhinitis [1]. The urine is copious, red; feeling of strong pressure, with frequent urge to urinate and burning sensation in the urethra [1; 17].

Respiratory organs. Hoarseness. Cough when inhaling cold air [1]. Tickling in larynx [1] with accumulation of mucus [6]. Feeling as if the larynx were split or torn. Difficulty breathing with a feeling of pressure in the middle chest. Feeling of constriction in the epiglottis region. Pain extending to the ear [1].

Extremities. Joint weakness [1]. Ulcers on the heels [1,17]. Wounds and weeping areas on the legs, especially on the heels, from abrasions [13]. Painful sensations of the fingers near the nails [21]. Stump neuralgia [1; 13; 17]. Diseases after getting wet feet. Soreness and fatigue of the limbs (especially the upper ones) [1; 6].

MODALITIES GENERAL

Deterioration: cold air [42]; in the evening in a warm room [1; 42; 13]; from cucumbers [42; 43]; from poor quality fish [32; 37].

Improvement: in the open air, in a cool room [1; 13].

RELATIONSHIP

Antidotes: Chamomile (*Chamomilla vulgaris*), White Chemeritsa (*Veratrum album*) [1].

Additionally: Phosphorus (*Phosphorus*) [1; 13], Thuja occidentalis [1; 13], Meadow lumbago (*Pulsatilla*) [1; 13].

Compatible: frontCalcium carbonate (*Calcarea carbonica*) and Silicea in polyps [13].

Compare: Helsemia evergreen (*Gelsemium sempervirens*) [1]; Euphorbia resinifera [1; 13], except for runny nose and lacrimation [13]; Pharmacy Aconite (*Aconite*) [1]; Ipecacuanha [1], Rhus toxicodendron for complaints after "getting wet" feet [13].

Doses: 6D-12D, 6CH-COSH (in solution for neuralgia) [7].

2.1.2. Complex homeopathic preparations

In Russia, various complex homeopathic preparations are registered, which include the monopreparation *Allium sulfur* [5] (see Table 3).

2.2. SEEDING GARLIC

According to the order of the Ministry of Health of the Russian Federation of November 29, 1995 No. 335 (Appendix 4) [11], the homeopathic monopreparation "Garlic" (*Allium sativum*) is permitted for use in the Russian Federation.

Homeopathic trials of the monopreparation *Allium sativum* were carried out by Dr. Petroza in 1852 [9].

2.2.1. Pathogenesis of *Allium sativum*

Despite more than 5,000 years of experience in the use of *Allium sativum* as a medicine, this medicine is not well understood in homeopathy. The synthetic repertory contains 353 headings in which we find *Allium cepa*; 18 of them contain single-coil symptoms. Singular symptoms, which have a significance level of 2 to 4 points, are absent in the headings of the Synthetic Repertory, which indicates insufficient knowledge of the true characteristic properties of this drug [42].

Miasmatic classification. According to the described symptoms, the drug can be attributed to cat group, since all symptoms are dominated by manifestations of excessiveness [9].

General symptoms. Acts directly on the intestinal mucosa, strengthening peristalsis [1; 41]. Colitis with pathological flora [1]. Has a vasodilating effect: usually after 30-45 minutes after taking 20-40 drops of pure tincture, blood (arterial) pressure begins to decrease [1]. More suitable for overweight people suffering from dyspepsia and catarrhal diseases, who do not deny themselves anything [6]; those who eat a lot, especially meat, and drink little [1; 25; 41]. Pain in the hip joint [1; 25].

Psyche. Patients are very hot-tempered and irritable [eighteen; 39]. Fear that they will never live well [39; 41]. Fear of taking any medications due to fear of poisoning by them [6; 39; 41].

Dream. Frequent awakening from chills [6]. Awakening from thirst [45].

Head. Dizziness; headache as if from a blow to the head; feeling of heaviness from cough [18]. Severity; pulsation in the temples; catarrh with deafness [1]. Occipital headache in the morning in bed, lying on the back [15; 16; 34; 26; thirty].

Nose. Bleeding from the nose when coughing [eighteen].

Eyes. Sore eyes, so that it is impossible to touch; lacrimation [18], Catarrhal inflammation, making reading difficult [34].

Mouth. Bad (spoiled) taste in the mouth, accompanied by discoloration of the tongue [37; 47]. Very copious sweetish saliva after meals and especially after dinner and at night [1; 6; 15; 16; eighteen; thirty]. Feeling of hair on the tongue and throat [1; eighteen; 42].

Table 3

COMPLEX HOMEOPATHIC DRUGS, IN
COMPOSITION OF WHICH INCLUDES ALLIUM SULFUR

P / p No.	Name of the drug, State No. Per.	Composition	Indications for use
I. DRUGS INCLUDED IN THE STATE REGISTER OF DRUGS 2002 G.			
1.	Homeoantigrippin (Homeoantigrippin), homeopathic granules - VTU 1 3- 1 65-98; "Gomeopharma" (Russia, Moscow)	Aconitum 3CH, Bryonia 3CH, Belladonna 3CH, Baptisia 3CH, Gelsemium 3CH, Allium sulfur 3CH, Eupatorium perfoliatum 3CH, Ferrum phosphoricum 3CH, Echinacea 3CH, Mercurius solubilis 6CH	Acute respiratory viral infections; colds; flu; acute tracheitis, laryngitis, bronchitis [8]
2.	Korizalia, Coated tablets shell - 009419, 04/29/1997; Laboratory Boiron (France)	Allium sulfur 3CH, Atropa Belladonna 3CH, Sabalserrulatum 3CH, Kalium bichromicum 3CH, Gelsemium sempervirens 3CH, Pulsatilla pratensis 3CH	Symptomatic treatment of lesions of the nasopharynx, colds, rhinitis, hay fever, acute rhinitis [8]

3.	Larinol-Edas, homeopathic drops - VTU 13-50-95; "EDAS" (Russia, Moscow)	Allium sulfur C6, Belladonna C3, Dulcamara C3, EchinaceaC6, Kalium bichromicum C3, Pulsatilla C3	Acute and chronic inflammation of the accessory sinuses: Laryngitis. Pharyngitis [8]
4.	Prostaten-Edas (EDAS-132), homeopathic drops - VTU 13-194-98; "EDAS" (Russia, Moscow)	Arsenicum iodatum C9, Hepar sulfur C6, Nux vomica C6, Pulsatilla CG, Tabacum C6, Allium sulfur C3, Calendula C3, Uva ursi C3	Acute and chronic prostatitis [8]
5.	Prostaten-Edas (EDAS-932), homeopathic granules - TU 13-357-99; "EDAS" (Russia, Moscow)	Arsenicum iodatum C9, Hepar sulfur C6, Nux vomicaCG, Pulsatilla C6, Tabacum C6, Allium sulfur C3, Calendula C3, Uva ursi C3	Acute and chronic prostatitis [8]
6.	Rhinosennai, homeopathic granules - 97/202/15; PF "Materia Medica" (Russia Moscow).	Package 1: Arsenicum C200, Allium sulfur C200, Euphrasia officinalis C50 Package 2: Sabadilla officinalis C50, Natrium carbonicum C50, Sticta pulmonaceae C50	Symptomatic remedy for the treatment of various manifestations of allergies, with hay fever. Seasonal and year-round forms allergies. Asthenovegetative syndrome accompanying various forms of allergy [8]
7.	Rinitol-Edas (EDAS-131), homeopathic drops - VTU 13- 176-98; "EDAS" (Russia, Moscow)	Calcium carbonicum C6, Argentum nitricum C6, Pulsatilla C6, Chamomilla C3, Allium sulfur C3	Acute and chronic rhinitis, including allergic [8]
II. DRUGS PRODUCED ACCORDING TO WTU, WHICH ARE RE-REGISTERING, NOT INCLUDED IN THE STATE REGISTER 2002			
eight.	Antigrippin, homeopathic granules - VTU 13-222-98; LLC "Doctor-N" (Russia, Moscow)	Aconitum C3, Bryonia C3, Atropa belladonna C3, Baptisia inctoria C3, Gelsemium sempervirens C3, China C3, Alliumcepa C3, Echinacea angustifolia C6, Rhus toxicodendron C3	Influenza, ARVI, accompanied by runny nose, cough, sore throat, pain in the head, sore throat eye irritation lacrimation, chills, fever, pain in muscles. Decrease in the body's defenses and immunity [8]
nine.	Antigrippin, homeopathic granules - VTU 13-264-99; LLC "Homeopathic pharmacy "(Russia, St. Petersburg)	Aconitum C3, Baptisia C3, Belladonna C3, Bryonia C3, China C3, Mercurius solubilis C6, Allium cepa C3	ARI, influenza [8]
ten.	Antigrippin, homeopathic drops -	Aconitum C3, Baptisia C3, Belladonna C3, Bryonia C3,	ARI, influenza [8]

VTU 13-259-98; LLC "Homeopathic pharmacy "(Russia, St. Petersburg)	China C3, Mercurius solubilis C6, Allium cepa C3, Spiritus aethylicus 30%	
---	---	--

Stomach. Strong (insatiable) appetite [1; 15; thirty]. Burning eructations [1; eighteen; 30] after eating [15]. Indigestion (dyspepsia) caused by the slightest deviation from the usual diet [25; thirty]. Indigestion after drinking poor quality water [34]. Each step causes tearing pain in the abdomen [16; 34; 47], Constipation with constant dull pain in the intestines [1], mainly in the morning [15]. The tongue is whitish with red papillae [1; eighteen]. Thirst [15].

Respiratory organs. Tracheitis with shortness of breath and moist cough [thirty]. Paroxysmal cough while smoking [16; 34; 47]. Constant bubbling of mucus in the bronchi [1; 19; thirty]. Cough in the morning after getting out of bed with profuse mucous expectoration [15], but this sputum is separated from the walls of the respiratory tract and is coughed up with great difficulty [1; thirty]. Difficult to separate sticky sputum [15]. Sensitivity to cold air [1]. Dilation of bronchi with fetid discharge [1]. Asthma [18; thirty].

Rib cage. Piercing chest pains [1]. Pain in the heart [18]. Heaviness in the chest [18].

Female genital organs. Painful swelling of the mammary glands [1]. Rash on the vaginal mucosa, on the skin of the mammary glands and in the vulva during menstruation [1; 6]. Cessation of menstruation; heaviness and pain in the chest; pain in the vagina [18]. Irritant leucorrhoea, causing pain in the thighs and pustular eruptions, with bright red spots on the labia majora and vulva, with a burning sensation and itching [6; fourteen; 15].

Urine. Dark brown urine with copious sediment [31]. Very copious urination, whitish urine, cloudy from nitric acid [15].

Leather. Tightness of the skin in the area of the joints [15].

MODALITIES GENERAL

Worse: after eating (overeating, overeating), evening and night [39; 41]; changes in diet; outdoors [35]; in the morning [35] upon awakening [35; 39]; after smoking [25].

Improvement: Bent over sitting position [39; 41].

RELATIONSHIP

According to Dr. Tost, Garlic (*Allium sativum*) belongs to the group of drugs that most strongly affect obese patients who consume exclusively meat, and have almost no effect on vegetarians (*Bryonia alba*, *Lycopodium*, *Chilibuha emetic* (*Nux vomica*), *Common colocynthis* (*Colocynthis vulgaris*), *Purple foxglove* (*Digitalis purpurea*), *Chilibuha Ignatia*) [1].

Antidotes: *Clavate crimson* (*Lycopodium*) [1:35].

Optional: *Arsenous anhydride* (*White arsenic*) (*Arsenicum album*) [1: 41], *Aloe arborescens* [35], *Onion* (*Allium sulfur*) [35].

Similar: *Step White* (*Bryonia alba*) [35], *Annual (capsicum) pepper* (*Capsicum*) [1; 35], *Common colocynth* (*Colocynthis vulgaris*) [35], *Purple foxglove* (*Digitalis purpurea*) [35], *Chilibuha Ignatia* [35], *Lycopodium* [35], *Nux vomica* [35], *Arsenous anhydride* (*White arsenic*) (*Arsenicum album*) [1], *Istod Senega* [1; 35], *Potassium nitrate* [1].

Doses: from and (from 5 to 60 drops) up to 3D [21]; 3CH to 6CH [1].

2.2.2. COMPLEX HOMEOPATHIC PREPARATIONS

Complex homeopathic medicines are registered in Russia in accordance with the established procedure.

Medicines containing *Allium sativum* (see Table 4).

Table 4

COMPLEX HOMEOPATHIC DRUGS WITH *ALLIUM SATIVUM* [5]

P / p No.	Name of the drug, State No. per.	Composition	Indications for use
1.	Avena mod, rectal suppositories - VTU 13-307-99; LLC "Doctor-N" (Russia, Moscow)	Echinacea purpurea D2, Avenasativa D2, Allium sativum D2, Lanolinum anhydricuim, Oleum cacao	Reduced defenses organism, immunity, allergic reactions [8]
2.	Angiokhran, homeopathic granules - VTU 13-127-96; Gomeopharma (Russia)	Arnica 6CH, Aurum iodatum 6CH, Melilotus 3CH, Vanadium 6CH, Allium sativum 3CH	Atherosclerosis of the vessels; hypercholesterolemia, failure circulation vascular nature, hypercoagulability [8]

LITERATURE

1. Berick V. *Materia Medica of homeopathic remedies*. - Smolensk: Homeopathic Medicine, 1997. -- 677 p.
2. Bogutskaya B.B., Yakovenko L.I. Bulb onion (*Allium sulfur*) and its application in allopathy and homeopathy // *Pharmacist*. - 1998. - No. 22.
3. GOST 7977-87. Freshly harvested and supplied garlic.
4. GOST R 51783-2001. Fresh onions sold in retail outlets.
5. State register of medicines. - M.: Technical book, 2002. -- 1301 p.
6. Deriker V.V. *Homeopathic pharmacology. A complete set of drugs so far investigated, with the addition of pathological anatomical data and therapeutic indications*. - SPb.: F. Flemming, 1867 - Part 1. - 358 p.
7. Kehler G. *Homeopathy / Translated from it. Yu.I. Korshikova*. - M.: Medicine, 1989. -- 592 p.
- eight. Kiseleva T.L., Ageeva T.K., Tsvetaeva E.V. *Homeopathic medicines, approved for medical use on the territory of the Russian Federation*. - M.: AOZT "Veles", 2000. - 538 p.
- nine. Clarke JG *Dictionary of Practical Materia Medica*. - M.: Homeopathic medicine, 2000. - T. 1. - 336 p.
10. Nefedova AV, Kiseleva TL *Onions and garlic in herbal medicine and homeopathy. Publication 2: Chemical composition of producing plants and raw materials // Traditional medicine*. - 2004. - No. 2. - S. 33-40.
11. Order of the Ministry of Health and the Ministry of Health of the Russian Federation from 11/29/1995 № 335 "On the use of the method of homeopathy in practical health care".
12. *British Homoeopathic Pharmacopoea*. - London: Stars, 1993. - Vol.1.-150 p.
13. Allen HC *Keynotes and Characteristics with Comparisons*. - Software - *Encyclopaedia Homeopathica 2.0a*.
- fourteen. Allen JH *The chronic miasms: Sycosis, Psora and Pseudo-psora*. - Software - *Encyclopaedia Homeopathica 2.0a*.
15. Allen TF *Encyclopedia of Pure Materia Medica*. - New-York; Philadelphia: Boericke-Tafel, 1879. - Software - *Encyclopaedia Homeopathica 2.0a*.
16. Allen TF *Encyclopedia of Pure Materia Medica*. - New-York; Philadelphia: Boericke-Tafel, 1879. - Software - RADAR - Edition 8.1.40.
17. Allen TF *Primer of Materia Medica*. - Software - *Encyclopaedia Homeopathica 2.0a*.

- eighteen. Banerjee P. *Materia Medica of Indian Drugs*. - Software - *Encyclopaedia Homeopathica 2.0a*.
19. Blackwood AX. *A Manual of Materia Medica Therapeutics and Pharmacology*. - Software - *Encyclopaedia Homeopathica 2.0a*
- twenty. Blackwood AL *Disease of the Liver, Pancreas and Ductless Glands*. - Software - *Encyclopaedia Homeopathica 2.0a*.
21. Boericke W. *Pocket Manual of Homeopathic Materia Medica*. - Software - *Encyclopaedia Homeopathica 2.0a*.
22. Boericke W. *Pocket Manual of Homeopathic Materia Medica*. - Software - RADAR - Edition 8.1.40.
23. Boger CM *Boenninghausens's Characteristics and Repertory*. (2nd Ed.) -Bombay: Roy Co, 1938. - Software - RADAR - Edition 8.1.40.
24. *British Homoeopathic Pharmacopoeia*. - London: Stars, 1993. - Vol.1. - 150 p.
25. Choudhuri HM *A study on Materia Medica*. - Software - *Encyclopaedia Homeopathica 2.0a*.
26. Farrington EA *Lesser Writings (with Therapeutic Hints and Some Clinical Cases)*. - Software - *Encyclopaedia Homeopathica 2.0a*.
27. Fimmelsberg K. *Jost Repertorium Generate - black dots. Berga*. - Starnberger See (Germany): Barther-Barther, 1987. - Software - RADAR - Edition 8.1.40.
28. *German Homeopathic Pharmacopoeia (GHP)*. 5th supplement 1991 to the first edition 1978.- British Homoeopathic Association, 1993 .-- 68 p.
29. *German Homeopathic Pharmacopoeia (GHP)*. 1st edition 1978 with 1th Supplement 1981, 2th Supplement 1983.3rd Supplement 1985 and 4th Supplement 1985. - British Homoeopathic Association, 1990. - 928 p.
- thirty. Guernsey HN *Keynotes of the Materia Medica*. - Software - *Encyclopaedia Homeopathica 2.0a*.
31. Hering C. *Guiding symptoms of our Materia Medica*. - Software - *Encyclopaedia Homeopathica 2.0a*.
32. Hering C. *Guiding symptoms of our Materia Medica*. - Software -RADAR-Edition 8.1.40.
33. *Homoeopathic Pharmacopoeia of India (HPI)*. - New Delhi: Government of India Ministry of Health and Family welfare, 1990.-Vol. 6. - 243 p.
34. Kent JT *Repertory*. 6th American Ed. - Software - RADAR - Edition 8.1.40.
35. Knerr CB *Drugs Relationships*. - Software - *Encyclopaedia Homeopathica 2.0a*.
36. Knerr CB *Drugs Relationships*. - Software - RADAR - Edition 8.1.40.
37. Knerr CB *Repertory of Herings Guiding Symptoms of our Materia Medica*. - Philadelphia: Davis Co, 1896. - Software - RADAR - Edition 8.1.40.
38. Morrison R. *Desktop guide to keynotes*. - Confirmatory Symptoms Albany, 1993. - Software - RADAR - Edition 8.1.40.
39. Murphy R. *Homeopathic Remedy Guide*. - Software - *Encyclopaedia Homeopathica 2.0a*.
40. *Pharmacopoe Francaise*. - 10 edition, 6 supplement: *Monographies de souches pour preparations homeopathiques*. - Paris: Luegebe, 1989 .-- 686 p.
41. Phatak SR *Materia Medica of Homeopathic Medicines*. - Software - *Encyclopaedia Homeopathica 2.0a*.
42. Schroyens F. *Repertorium homeopathicum synthesis*. - London: Homeopathic Book Publishers, 1998. - Software - RADAR - Edition 8.1.40.
43. Stauffer K. *Symptomen-Verzeichnis nebst vergleichenenden Zustzen zur Homeopathischen Arzneimittellehre (German)*. - Regensburg: Verlagsbuchhandang Johannes Sonntag, 1929 - Software-RADAR-Edition 8.1.40.
44. Tyler ML *Homeopathic Drug Pictures*. - London: The Homeopathic Publishig Co, 1952. - Software - RADAR - Edition 8.1.40.
45. Tyler ML. *Pointers to the Common Remedies*. - Software - *Encyclopaedia Homeopathica 2.0a*.
46. Varma PN, Vaid I. *Encyclopaedia of homoeopathic Pharmacopoeia*. - Software - *Encyclopaedia Homeopathica 2.0a*.
47. Vitulkas G. *Materia Medica Viva*. - San Francisco: Health and Habitat, 1992 - Software -

RADAR - Edition 8.1.40.

48. Ward JW Unabridged Dictionary of the Sensation "AS IF". - Software - Encyclopaedia Homeopathica 2.0a.

Onions and garlic in herbal medicine and homeopathy. Publication 3: The use of raw materials and medicines in homeopathy / A.V. Nefedova, T.L. Kiseleva, G.A. Zinchenko, L.V. Kosmodemyanskiy // Traditional medicine. - 2004. - No. 2 (3). - p. 39-48.

[To favorites](#)