

**FEDERAL STATE-FUNDED EDUCATIONAL INSTITUTION OF THE
HIGHER EDUCATION**

"BASHKIR STATE MEDICAL UNIVERSITY"

MINISTRIES OF HEALTH OF THE RUSSIAN FEDERATION

INSTITUTE OF ADDITIONAL PROFESSIONAL EDUCATION



ADDITIONAL PROFESSIONAL

PROGRAM OF PROFESSIONAL DEVELOPMENT

CONTINUOUS MEDICAL EDUCATION OF DOCTORS

in "PSYCHIATRY"

"MODERN APPROACHES TO TREATMENT OF SCHIZOPHRENIA"

(TERM OF DEVELOPMENT OF 36 CLASS PERIODS)

Ufa

2019.

STRUCTURE OF THE WORKING GROUP

The additional professional program of professional development of doctors with the term of development of the 36th class period in "Psychiatry" is developed by the staff of department of psychiatry and narcology with course IDPO FGBOU of VO BGMU of the Russian Ministry of Health.

№	Surname, name, middle name	Scientist degree, rank	Post	Place of work
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1. Explanatory note

Relevance and prerequisites of creation of the program

The relevance of the additional professional program of professional development "MODERN APPROACHES TO TREATMENT of SCHIZOPHRENIA" in "PSYCHIATRY" is caused by prevalence of this disease in the world, polymorphism of a clinical picture, both on psychopathological manifestation, and as a current, a variety of diagnostic and medical techniques which the modern psychiatrist needs to seize for prevention of a recurrence during remissions, development of schizophrenic defect, improvement of social functioning and quality of life of patients, need of improvement and obtaining new competences of the profession of a physician adapted to new economic and social conditions taking into account the international requirements and standards, clinical recommendations.

2. Purpose and tasks of the additional professional program of professional development of doctors "MODERN APPROACHES TO TREATMENT of SCHIZOPHRENIA"

The purpose of the additional professional program of professional development of doctors "MODERN APPROACHES TO TREATMENT of SCHIZOPHRENIA" in "PSYCHIATRY": improvement and acquisition of new competences, increase in professional level within the available qualification, obtaining the systematized theoretical knowledge, abilities and necessary professional skills for timely identification, diagnostics, treatment, psychosocial rehabilitation of schizophrenia by psychiatrists.

Problems of a theoretical part of studying of discipline:

1. Improvement of knowledge of prevalence, classification, clinical manifestations of schizophrenia.
2. Improvement of knowledge of the psychotropic drugs applied in treatment of schizophrenia.

Problems of a practical part of studying of discipline:

- to improve abilities and possession for diagnosis of schizophrenia;
- to improve abilities and possession in performing complex treatment of patients with schizophrenia.
- to improve abilities and possession of psychosocial rehabilitation of patients with schizophrenia

3. Categories of students: doctors with higher education on one of specialties: "Medical business", "Pediatrics".

4. Program volume: 36 class periods, including 36 piece.

5. Form of education, mode and duration of occupations

Schedule of training	hours a day	Days in a week	General duration of the program, months (days, weeks)
Form of education			
with a separation from work (internal)	36	6	0.4 months (6 days, 1 week)

6. The planned results of training

the doctors who successfully mastered the additional professional program of professional development of doctors "Modern approaches to treatment of schizophrenia" in "Psychiatry":

6.1. Characteristic of new labor functions and (or) skill levels

According to the Order of the Ministry of Health and Social Development of the Russian Federation of 23.07.2010 N of 541 N "About the approval of the Uniform qualification reference book of positions of heads, experts and employees, the section "Qualification Characteristics of Positions of Workers in Health Sector" the psychiatrist and the professional standard "The Expert in the field of Psychiatry" has to:

1. To provide the qualified medical care in "Psychiatry", using methods of diagnostics, treatment, prevention and rehabilitation.
2. To define tactics of maintaining the patient according to the established standards with use of kliniko-psychopathological methods.
3. On the basis of collecting the anamnesis, clinical observation and results of clinical laboratory and tool researches to establish (or to confirm) the diagnosis.
4. To independently conduct or organize necessary diagnostic, medical, rehabilitation and preventive procedures and actions with application of kliniko-psychopathological methods.

6.2. Qualification requirements

Higher education (higher education) in "Medical business", "Pediatrics", and:

1. postgraduate professional education (residency) and the certificate of the expert in "Psychiatry" with professional retraining in "Psychiatry";
2. postgraduate professional education (residency) and the certificate of the expert in "Psychiatry".

6.3. Characteristic of the professional competences of the psychiatrist which are subject to improvement as a result of development of the additional professional program of professional development in "Psychiatry".

Initial level of training of students – the created competences including:

Universal competences:

- readiness for abstract thinking, analysis, synthesis (UC-1);

Professional competences:

diagnostic activity:

- readiness for definition at patients of pathological states, symptoms, syndromes of diseases, nosological forms according to the International statistical classification of the diseases and problems connected with health (PC-5);

medical activity:

- readiness for maintaining and treatment of the patients needing rendering mental health medical care (PC-6);

organizational and administrative activity:

- readiness for use of the basic principles of the organization and management in the sphere of protection of public health, in the medical organizations and their structural divisions (PC-10);
- readiness for participation in assessment of quality of delivery of health care with use of the main medico-statistics (PC-11).

6.4. Characteristic of the new professional competences of the psychiatrist which are formed as a result of development of the additional professional program of professional development of doctors "Modern approaches to treatment of schizophrenia" in "Psychiatry":

The student who successfully mastered the program will have the new professional competences including:

Labor function (professional competence)	Labor actions	Necessary abilities	Necessary knowledge
Carrying out inspection of adult patients for the purpose of establishment of the diagnosis	Diagnosis of schizophrenia by criteria the operating International classification of diseases (ICD-10) and to Federal clinical recommendations about diagnostics and treatment of schizophrenia	1. To carry out differential diagnosis of mental and behavioural disorders, to give a predictive assessment 2. To interpret results of laboratory and tool methods of inspection of patients.	1. Order of delivery of health care at mental disorders and disorders of behavior. 2. Etiology, pathogenesis, modern classification, clinical picture, principles of diagnostics, differential diagnostics, therapy and prevention of complications of schizophrenia
Purpose of treatment to adult patients and	Development of the plan of treatment of	1. To appoint and apply pharmacotherapy	1. Standards of delivery of health care at schizophrenia, the shizotipicheskikh and crazy

control of its efficiency and safety	patients and application of pharmacotherapy taking into account a clinical picture of a disease	taking into account a clinical picture of a mental disorder. 2. Purpose of treatment-and-prophylactic actions of a rehabilitation course	frustration 2. Clinical recommendations about diagnostics and therapy of schizophrenia
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7. Curriculum

the additional professional program of professional development of doctors "Modern approaches to treatment of schizophrenia" in "Psychiatry"

Purpose: improvement of the professional knowledge and competences of the psychiatrist necessary for professional activity within the available qualification.

Category of students: doctors with higher education on one of specialties: "Medical business", "Pediatrics".

Labor input of training: 36 piece.

Mode of occupations: 6 academicians of hour a day

Form of education: with a separation from work (internal)

№	Name of sections, subjects	In total academician of hour / piece.	Internal training			control forms
			lectures	practical, seminar training, trainings, etc.	TSC/training	
2.	Educational Section No. 1 "Private psychiatry"	8	4	4		Intermediate certification (test tasks)
3.	Educational Section No. 2 "Therapy of mental disorders"	20	4	4	12	Intermediate certification (test tasks)
5	Final certification slave	2				Detailed design
6.	Final assessment	6				examination
7.	Total:	36	8	8	12	

8. Educational and thematic plan and contents of the program

№	Name of a subject	Main contents
1	Educational Section 1. "Private psychiatry"	

1.1	Subject 1. Schizophrenia	<p>Definition of the concept "schizophrenia". Story of development of the doctrine about schizophrenia, current state of a problem. Schizophrenia epidemiology. Etiology and pathogenesis of schizophrenia. Clinical manifestations of schizophrenia. Productive and negative psychopathological frustration. Modern classifications of forms of a course of schizophrenia. Systematization of forms of a course of schizophrenia. Nepreryvnotekushchy schizophrenia. Malignant juvenile schizophrenia. Options of malignant schizophrenia: simple, gebefrenichesky, paranoid, catatonic. Features of final states at malignant schizophrenia. Paranoid schizophrenia, main stages of a current. Options of paranoid schizophrenia: crazy, pseudo-hallucinatory. Features of final conditions of paranoid schizophrenia. Slow schizophrenia, its options. Changes of the personality at slow schizophrenia. Pristupoobrazny forms of schizophrenia. Rekkurentny schizophrenia, its features, options of attacks: oneyroidno-catatonic, depressive and paranoid, affective.</p>
2	Educational Section 2. "Therapy of mental disorders"	
2.1	Subject 2.1. Biological therapy: neuroleptics, antidepressants, tranquilizers. Action mechanisms. Pharmacokinetics. Classification, efficiency assessment.	<p>Basic principles and features of therapy of separate forms of a course of schizophrenia. Emergency aid at schizophrenia. Antirecurrent therapy. Psychopharmacological means of the prolonged action: the action mechanism, characteristic of separate medicines, the differentiated indications.</p>
2.2	Subject 2.2. Psychosocial rehabilitation at schizophrenia	<p>Rehabilitation actions in a psychiatric hospital: mode of open doors, training of personnel in rehabilitation approach to patients, introduction of self-government of patients, therapy with employment</p> <p>Use of semi-hospitals: day hospitals, night dispensaries, "alternative" forms of keeping of patients.</p> <p>Rehabilitation actions in out-patient conditions: work with steady psychotherapeutic groups, the organization of psychotherapeutic communities at mental health facilities, social aid programs the patient in the sphere of family and leisure, social aid programs the patient on production.</p>

9. IMPLEMENTATION OF THE PROGRAM IN THE FORM OF THE TRAINING

The additional professional program of professional development "Modern approaches to treatment of schizophrenia" in "Psychiatry" is implemented partially in the form of a training.

The training is carried out for studying of the best practices and also fixing of the theoretical knowledge gained at development of the program of professional development and acquisition of practical skills and abilities for their effective use at execution of the functions of the psychiatrist. The training has individual character.

The training (12 hours) is implemented on clinical base: Ufa, settlement of Bazilevka, Prudnaya 15/1 St., Republican clinical psychiatric hospital MH of RB.

The training purpose – improvement of labor functions:

- Performing medical examinations for the purpose of diagnosing of mental diseases;
- Performing therapeutic treatment of mental disorders of the patient
- Selection of medicines (drug treatment)
- Purpose of treatment-and-prophylactic actions of a rehabilitation course

Problems of a training:

1. Improvement of methods of diagnosis of mental disorders at the sindromalny and nosological level according to the operating classification.

2. Improvement of practical skills at the choice of methods of treatment, psychosocial rehabilitation of patients with schizophrenia

By results of passing of a training to the student the document on qualification depending on the implemented additional professional program is issued.

Development of the additional professional program of professional development "Modern approaches to treatment of schizophrenia" in "Psychiatry" in the form of a training comes to the end with a final assessment of students.

10. Certification forms

10.1. Forms of intermediate certification

Forms of intermediate certification:

1. Testing (with standards of answers).
2. Practical skills.
3. The solution of situational tasks (with standards of answers).

Examples of test tasks.

1. AT SCHIZOPHRENIA IT CAN BE OBSERVED

- a) amention
- b) oneiroid
- c) deliriya
- d) twilight obscuring of consciousness
- e) epileptic status

2. IN THE CLINICAL PICTURE IDLE TIME OF THE FORM OF SCHIZOPHRENIA IN THE FOREFRONT IS OBSERVED

- a) pseudo-hallucinations
- b) mental avtomatizm
- c) reduction of energy potential
- d) nonsense of greatness
- e) nonsense of prosecution

3. THE MAIN VIOLATIONS IN THE EMOTIONAL SPHERE AT SCHIZOPHRENIA ARE SHOWN

- a) emotional impoverishment
- b) euphoria
- c) faintheartedness
- d) dysphoria
- e) emotional dullness

4. TREATMENT OF PARANOID SCHIZOPHRENIA IS CARRIED OUT BY METHOD

- a) behavioural psychotherapy
- b) electroconvulsive therapy
- c) suggestive therapy
- d) psychopharmacotherapy
- e) disintoxication therapy

5. AT SCHIZOPHRENIA TREATS THE "MAIN" (NEGATIVE) SYMPTOMS

- a) nonsense
- b) pseudo-hallucinations
- c) emotional dullness
- d) mental avtomatizm
- e) stereotypies

Standards of answers

question No	Answer
1.	b
2.	c
3.	e
4.	d
5.	c

Examples of the tasks revealing practical training of the doctor

- 1. The medicines of the first row used for knocking over of psychomotor excitement.
- 2. Methods of overcoming therapeutic resistance at treatment of mentally sick.
- 3. Complex of the actions necessary for assistance at psychomotor excitement.
- 4. Call the main medicines used for fight against an insomniya.
- 5. Describe a technique of carrying out artificial feeding of the patient at refusal of food.

Examples of situational tasks

Situational task No. 1

Z., 17 years. The father abused alcohol; angry, irritable, rough. Mother is hypochondriac, sensitive. The patient — the only child in family. In the childhood developed normally. Began to study from 7 years, knowing the simplest mathematical operations by this time, being able to read. Studied willingly, perfectly getting on well at all objects. He was always shy, timid, sensitive, but with anybody did not share offenses. Preferred a privacy with the book. Quite often the family found it after reading of the next book dreaming of something, thoughtful. In the 9th

class the progress sharply went down though also long stayed behind preparation for occupations. Teachers said to mother that began to introduce amorously the ideas, refused the answer. Explained to mother that cannot concentrate that by preparation for examinations "thoughts leave somewhere, distract, cannot concentrate". Still read much, but the focus of interest changed: began to read collected works of the Russian classics: F.M. Dostoyevsky, L.N. Tolstoy, A.P. Chekhov, from the first to the last volumes, was interested in the Bible, philosophy. By evenings did of these books some extracts in a commonplace book, without allowing to read it to the family. Began to complain of a headache, fast fatigue, mood swings without cause and "kind of separately from me". The attitude towards the family was changed: could shout at mother, curse her, somehow promised to kill if she prevents it to be engaged in studying of classics. It was directed to consultation to the psychiatrist. At a conversation reported that seeks to understand "for life and an outline of the person". The world of the experiences opens reluctantly, sketchy, sometimes spitefully suggests "to learn everything from mummy who so brought up". In office with anybody does not communicate, refuses performance of the instructions given it, walks, explaining what cannot "spend in vain time given on knowledge". It is rough with mother if she on an appointment did not bring the next volume of the classic, the evil demands to find immediately for it and to bring right there, refuses to take from her transfer until she fulfills its requirements. Plans for the future are not certain, indistinct: "Of what to think if I did not finish knowledge yet". Refuses flatly drug intake.

Task:

To define a syndrome and the diagnosis.

STANDARDS OF ANSWERS TO SITUATIONAL TASKS

Situational task No. 1

Diagnosis: Schizophrenia, simple form. Emotional and strong-willed decrease

10.2. Requirements to a final assessment

1. The final assessment according to the additional professional program of professional development "Modern approaches to treatment of schizophrenia" in "Psychiatry", is held in the form of internal examination and has to reveal theoretical and practical training of the psychiatrist.
2. The student is allowed to a final assessment after studying of educational modules in the volume provided by the curriculum of the additional professional program of professional development "Modern approaches to treatment of schizophrenia" in "Psychiatry".
3. The persons who mastered the additional professional program of professional development "Modern approaches to treatment of schizophrenia" in "Psychiatry" and successfully passed a final assessment receive the document of the established sample – the certificate of professional development.

The document issued after completion of training - the Certificate of professional development.

10.3. Form of a final assessment.

The final assessment on a cycle of the additional professional program of professional development of doctors "Modern approaches to treatment of schizophrenia" in "Psychiatry" is carried out in the form of examination.

1 stage – the solution of situational tasks

2 stage – assessment of development of practical skills

3 stage – an interview

Examples of situational tasks for a final assessment:

Situational task No. 1

C., 14 years, schoolgirl of the 7th class. The heredity is not burdened by mental diseases. Grew at the brisk, mobile, sociable girl: it was gently attached to mother. Went to school since seven years, studied easily. Was fond of music, dances. To the seventh class was "joy in family, the gentle and careful daughter". Quite suddenly in the summer the behavior changed: she became rough, irritable, without having told anything to the family, often vanished from the house. Visited the hippy company, put on respectively, began to smoke, drunk home came. All attempts of mother to talk to the daughter, to bring to reason her, encountered coldness, roughness. At the same time the daughter cynically quarreled, threatened with physical violence. After the sharp conversation week did not live at home. Said that lives together with men that soon, perhaps, will marry. Refused to attend school. Repeatedly cruelly beat mother, demanding money for cigarettes, wine; cut her dress, trying to sew to itself fashionable dresses. It is sent to psychiatric clinic. Mental state: formal contact. Mentally the patient of does not consider, demands an immediate extract. Threatens with leaving office. Considers the behavior usual: "So it is pleasant to me, I so want to live". In office it is rough, free. Elicits at patients of a cigarette, instigates to leaving clinic. It is emotionally cold. On an appointment with mother it is rough, cynically quarrels, demands to take away her home, threatens "to remember her all houses". Without emotions and constraint tells about intimate relations with men, is going to marry soon. There are no realistic plans on the future, will not study, "I will meet the company". To define a syndrome and the diagnosis.

Questions:

1. Call the described syndrome and symptoms.
2. Of what frustration this syndrome is characteristic?
3. What paraclinical methods of a research are shown for the differential diagnosis?
4. What forecast of frustration?
5. The recommended treatment.

Examples of the tasks revealing practical training of the doctor

1. Tactics of maintaining the patient with a malignant antipsychotic syndrome.
2. Algorithm of knocking over of various options of a stupor.
3. Tactics of knocking over of side effects and complications of psychopharmacotherapy
4. Tactics of communication with patients, made suicide attempts.
5. Diagnostics and rendering emergency aid at a paroksizmalny extrapyramidal syndrome

Approximate subject of control questions of a final assessment:

1. History of formation of idea of schizophrenia (E. Krepelin, E. Bleyler, K. Schneider) and current state of a question.

2. Schizophrenia epidemiology. The contributing factors and signs of a dizontogenez. Risk factors at schizophrenia.
3. Modern ideas of an etiology and pathogenesis of schizophrenia. Data biochemical, immunological, genetic, patomorfologicheskikh, patopsikhologicheskikh of researches.
4. Productive and negative symptoms of schizophrenia. Concepts of a skhizis (shizis), autism, progrediyentnost.
5. The clinical classifications of schizophrenia accepted in the Russian Federation and abroad.
6. Types of a course of schizophrenia. Concept of remission and schizophrenic defect.
7. Main clinical forms of schizophrenia: paranoid, simple, catatonic, gebefrenichesky.
8. Problem of slow (maloprogridiyentny) schizophrenia: senestopaticheski-hypochondriac, neurosis-like, psychopathy-like.
9. Post-procedural states in the form of psychopathy-like or the tsiklotimopodobnykh of frustration.
10. Chronic crazy frustration.
11. Modern achievements in treatment of schizophrenia, the main methods and rules of their choice.
12. The closest and remote consequences of therapy, quality of remissions at various options of a course of a disease.
13. A concept of a schizoaffective disorder (circular schizophrenia), common features and distinctions with manic-depressive psychosis.
14. Differential diagnosis of schizophrenia with other crazy psychoses: involuntional параноид, jet параноид.
15. Principle of unity of biological and psychosocial influences.
16. Application of psychopharmacological means as main type of therapy of mental diseases.
17. Neuroleptics: definition, a concept about big and small neuroleptics, classification.
18. Atypical neuroleptics: classification, the mechanism of action, the indication and a contraindication, difference from traditional neuroleptics.
19. Features of side effects and complications of antipsychotic therapy: mental violations, neurologic violations, vegetative violations, somatic violations, late dyskinesia.
20. Prevention and treatment of side effects and complications of therapy by neuroleptics. Proofreaders of action of psychopharmacological means.

11. Organizational and pedagogical conditions of implementation of the program

11.1. Legislative and standard and legal documents according to a specialty profile:

1. Federal law of the Russian Federation of December 29, 2012 No. 273-FZ "About education in the Russian Federation".
2. Federal law of the Russian Federation of November 21, 2011 N 323-FZ "About bases of protection of public health in the Russian Federation".
3. Order of the Ministry of Education and Science of the Russian Federation of July 1, 2013 N 499 "About the statement of the Order of the organization and implementation of educational activities for additional professional programs".
4. Order of the Ministry of Health of the Russian Federation of August 3, 2012 N of 66 N "About the statement of the Order and terms of improvement by health workers and pharmaceutical workers of professional knowledge and skills by training in additional professional educational programs in the educational and scientific organizations".

5. Order of the Russian Ministry of Health No. 707n of 08.10.2015. "About the approval of Qualification requirements to health and pharmaceutical workers with the higher education in the direction of preparation "Health care and medical sciences").
6. The order of the Ministry of Health and Social Development of the Russian Federation of 23.07.2010 N of 541 N "About the approval of the uniform qualification reference book of positions of heads, experts and employees, the section "Qualification Characteristics of Positions of Workers in Health Sector".
7. Law of the Russian Federation "About the psychiatric help and guarantees of the rights of citizens at its rendering" (1992)
8. Order of the Ministry of Health and Social Development of the Russian Federation of 24.10.2002 "About psychological and mental health services in emergency situations"
9. Order of the Ministry of Health and Social Development of the Russian Federation of 17.12.2012 No. 566n "Order of delivery of health care at mental disorders and disorders of behavior"

11.2 Educational and methodical documentation and materials on all working programs of educational modules:

1. Antropov Yu.A. Bases of diagnosis of mental disorders: the management for doctors. - M.: Geotar Media, 2010. - 384 pages.
2. Bykov Yu.V., Becker R.A., Reznikov M.K. Depressions and resistance. Practical guidance – Prod.: RIOR: Science and practice, 2013.-376 pages.
3. Gelfand B.R. Sharp mental disorders in intensive therapy / Under the editorship of B.R. Gelfand, V.N. Krasnov. – M.: MIA, 2014.-130 pages.
4. Gusev E.I. Epilepsy and its treatment of M.: Geotar Media, 2016. - 320 pages.
5. Danilov D.S. Treatment of schizophrenia of M.: MIA, 2010.-276 pages.
6. Zenkov L.R. Epilepsy: diagnosis and treatment. The management for doctors – M.: MIA, 2012.-176 pages.
7. Kravchenko I.V. The modern place of nootropic medicines in therapy of psychological frustration of M.: Geotar Media, 2015. - 145 pages.
8. Krasnov V.N. Frustration of an affective range. – Prod.: Applied medicine, 2011.-432 pages.
9. Mosolov S.N. Bipolar affective disorder: diagnostics and therapy. – Prod.: Medical press-inform, 2008.-384 pages.
10. Psychiatry. National leaders: UMO on medical and ϕ apm is recommended, to formation of higher educational institutions of Russia as the manual for the system of postgraduate professional education of doctors / under the editorship of T.B. Dmitriyeva [etc.]; Association of medical societies on quality, the Russian society of psychiatrists. - M.: Geotar Media, 2009. - 992 pages.
11. Rachin A.P. Depressive and disturbing frustration: management. - M.: Geotar Media, 2010. - 104 pages.
12. Guide to social psychiatry: rivers. UMO on medical and ϕ apm, to formation of higher education institutions of Russia as the manual for the system of the postgraduate prof. of formation of doctors / bus collective: Yu.A. Aleksandrovsky [etc.]; under the editorship of: T.B. Dmitriyeva, B.S. Polozhego. - the 2nd prod., $\text{u}\text{e}\text{n}\text{p}$. and additional - M.: MIA, 2009.
13. Rustanovich A.V. Schizophrenia: Manual. – Prod.: ELBI-SPb, 2012.-145 pages.
14. Snezhnevsky A.V. Schizophrenia. Course of lectures. – Prod.: Medical press-inform, 2016.-160 pages.
15. Smulevich A.B. Frustration of the personality. M. MIA, 2007.-192 pages.
16. Tiganov A. S. General psychopathology: A course of lectures the 2nd prod., additional - M., MIA, 2016.-145 pages.

17. Tiganov A. S. Systematization of endogenous psychoses and their differentiated etiology. Prod.: Applied medicine, 2010.-256 pages.

18. The functional diagnosis in psychiatry: the management for Doctors / Sheynina N.S., Kotsyubinsky A.P., Burkovsky G. V. - the Publishing house Publishing house "Spetslit": 2013: 231 p.

19. Hritinin D. F. Lectures on psychiatry and narcology. M.: Binomial, 2016.-150 pages.

20. Shatsberg A.F. Guide to clinical psychopharmacology. – Prod.: Medical press-inform, 2014.-608 pages.

11.3. Internet resources:

1. The website of BGMU library is <http://www.elibrary.ru>
2. The website of the Russian society of psychiatrists is <http://www.psychiatr.ru>

12. The material and technical resources providing the organization of all types of disciplinary preparation

12.1. Material support

№	Name of technical means of training	Quantity at department
	1	2
1.	Pentium computer	4
2.	Laser printer	3
3.	Fillips TV	1
4.	Copier, scanner	2
5.	DVD	1
6.	Videorecorder of Samsung	1
7.	The screen for projection of slides on transparent films	1
8.	The board is magnetic, rotating	1
9.	Multimedia projector	2
10.	Overhead projector projector	1
11.	The printer is color jet	1
12.	Note-book	2

12.2. List of thematic educational rooms and laboratories

№	Name of laboratory	Location	Area of sq.m.	Quantity of seats
1.	Office of psychiatry and psychiatry narcology	Room of a course of psychiatry and narcology	37.6	15
2.	Psychiatry office	Room of a course of psychiatry and narcology	17,3	10

12.3. Educational rooms

Educational offices	List of rooms	Quantity	Area of sq.m.
1.	Lecture audience	1	38.1 sq.m.
2.	Professor's office (educational room)	1	37.6 sq.m.
3.	Professor's office	1	37.3 sq.m.
4.	Associate professor's office	1	17.3 sq.m.
	In total	4	123.7 sq.m.

The total area of rooms for the teacher (lecturing and holding seminars) is 86.4 sq.m.
On one student (at the maximum simultaneous load in 20 people) makes 4.32 sq.m.

12.4. Clinical rooms

№	List of rooms	Quantity	Quantity of beds	Area of sq.m.
1.	Educational rooms in offices (rehabilitation rooms in offices)	6 office of hospital (office of hospital 8, 23, 25, 10, 14, 20) and dispensary office		rooms on 20 sq.m.
2.	Chambers	6 office of hospital (office of hospital 8, 23, 25, 10, 14, 20)	on 5-6 beds	chambers on 20 sq.m.
	IN TOTAL			320 sq.m.

Total area for the teacher, including premises of clinical base is 460 sq.m.
On one cadet (at the maximum simultaneous load - 20 students) 23 sq.m. make.

13. Staffing of educational process

№	Name of modules (disciplines, modules, sections, subjects)	Surname, name, middle name,	Academic degree, academic status	Primary place of employment, position	Place of work and position in combination
1	Educational Section No. 1. "Private psychiatry".	Kunafina Elena Rafaelevna	Doctor of medical sciences, professor	Professor departments of psychiatry and narcology with course IDPO BGMU	
		Marfina Natalya Alekseevna	PhDs in Medicine., associate professor	Associate professor departments of psychiatry and narcology with course IDPO BGMU	

2	Educational Section No. 2 "Therapy of mental disorders"	Kunafina Elena Rafaelevna	Doctor of medical sciences. professor	Professor departments of psychiatry and narcology with course IDPO BGMU	
		Marfina Natalya Alekseevna	PhDs in Medicine., associate professor	Associate professor departments of psychiatry and narcology with course IDPO BGMU	

14. Main data on the program

№	The designated fields	Fields for filling
1.	Name of the program	Modern approaches to treatment of schizophrenia
2.	Program volume (including classroom hours)	36 class periods, including 36 piece.
3.	Training options	With a separation from work (internal)
4.	Type of the issued document after completion of training	Certificate of professional development
5.	Requirements to level and profile of the previous professional education of students	Higher education (higher education) in "Medical business". "Pediatrics". and: postgraduate professional education (internship or internship) and the certificate of the expert in "Psychiatry" with professional retraining in "Psychiatry"; postgraduate professional education (internship or internship) and the certificate of the expert in "Psychiatry".
6.	Categories of students	doctors with higher education on one of specialties: "Medical business", "Pediatrics".
7.	The structural division implementing the program	Department of psychiatry and narcology with course IDPO of the Bashkir state medical university
8.	Contacts	Ufa, Prudnaya St., 15/1, ph. (347) 2950248
9.	Estimated period of the beginning of training	2020.
10.	Main teachers	Kunafina Elena Rafaelevna, MD. professor Marfina Natalya Alekseevna, PhDs in Medicine., associate professor
11.	Summary	The program of professional development of doctors with the term of development of the 36th class period in "Modern approaches to treatment of schizophrenia" is directed to deepening and improvement by psychiatrists of theoretical knowledge and professional

		practical skills of diagnostics and therapy of schizophrenia. On a cycle modern approaches to therapy, feature of diagnostics taking into account current trends and clinical recommendations are considered
12.	Purpose and tasks of the program	<p>The purpose - improvement and acquisition of new competences, increase in professional level within the available qualification, obtaining the systematized theoretical knowledge, abilities and necessary professional skills for timely identification, diagnostics, treatment and rehabilitation of patients with schizophrenia</p> <p>Tasks:</p> <p>improvement of knowledge of prevalence and structure, diagnostics and treatment of schizophrenia;</p> <p>improvement of knowledge of the psychotropic drugs applied at treatment of schizophrenia;</p> <p>to improve abilities in implementation of psychosocial rehabilitation of patients with schizophrenia</p>
13.	Sections and subjects of the curriculum of the program	<p>Educational Section 1. "Private psychiatry" (Schizophrenia)</p> <p>Educational Section No. 2 "Therapy of mental disorders"</p>
14.	Uniqueness of the program, its distinctive features, advantages	<p>training is carried out with application of a training. The program is characterized: the availability of statement of information giving to each student the chance to understand and apply the gained knowledge; the training material is lit at the modern level of achievements of science and practice;</p> <p>systematicity of the provided information</p> <p>The contents of the program promote improvement of professional activity of the psychiatrist within the available qualification.</p>
15.	Web link for obtaining detailed information by the user	