Federal State Budgetary Institution
of Higher Education
"Samara State Medical University"
of the Ministry of Healthcare of the Russian Federation
(FSBEI HE SamSMU MOH Russia)

VALIDATED

Rector of FSBEI HE SamSMU
MOH Russia
Professor of RAS

A. V. Kolsanov
"02" June 2020

HIGHER EDUCATION PROGRAM (HEP)

Field of study (Specialty)

31.05.01 GENERAL MEDICINE

Graduate qualification: General Practitioner

Type of enrolment: Full-time

Study period on the educational program
6 years

Samara 2020

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CONTENT

1. GENERAL PROVISIONS

This HEP is a set of requirements that are mandatory for training specialists in the specialty 31.05.01 "General medicine". It defines the structure and procedure for the formation of the HEP in the FSBEI HE SamSMU MOH Russia, on the basis of the Federal State Educational Standard of Higher Education (FSES HE).

The HEP regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, assessment of the quality of student's training in this specialty and includes: curriculum, working programs of the academic courses, subjects, disciplines (modules), practical training program, work placement program, calendar training schedule, research training program and methodological materials that ensure the implementation of appropriate educational technologies.

The HEP regulatory and legal basis:

- Federal Law No. 273-FZ "On education in the Russian Federation" of 29 December 2012;
- Order of the Ministry of education and science of the Russian Federation No. 301 dated April 5, 2017 "On approval of the Procedure for organizing and implementing educational activities for higher education programs – bachelor's programs, specialty programs, master's programs";
- Federal state educational standard (FSES) of higher education (HE) in the field of training (specialty) 31.05.01 "General Medicine", approved by Order of the Ministry of education and science of the Russian Federation of February 9, 2016 № 95;
- Regulatory and methodological documents of the Ministry of education and science of the Russian Federation;
- A model of basic educational program in the field of training (as a recommendation);
- The Charter of FSBEI HE SamSMU MOH Russia.

2. GENERAL CHARACTERISTICS OF THE HIGHER EDUCATION PROGRAM IN THE FIELD OF STUDY 31.05.01 "GENERAL MEDICINE"

2.1. HEP Objectives

In accordance with the requirements of the Federal state educational standard for the specialty 31.05.01 "General medicine", taking into account the modern requirements of medical science and practice, the requests of employers and trainees - the purpose of this HEP is to train competent qualified personnel in the specialty "General medicine" for the following types of professional activities: medical, organizational, scientific research. Training of highly educated specialists,

competitive, confident in the demand for their professional knowledge from the modern society, in accordance with the existing and future requirements of the individual, society, and the state. In terms of education and personal development, the general goals of the HEP are to form in the students the cultural and professional competencies, citizenship values, patriotism, motivation, responsibility and other qualities. Along with general medical skills, the graduates of the faculty master the skills of providing medical and preventive care to the sick and healthy. In addition, a specialist in this area should be familiar with the related areas of activity, have the ability to work in modern socio-economic conditions.

2.2. Faculty, type of enrolment, labor intensity, study period, qualification

HEP in the specialty 31.05.01. in SamSMU runs at the Faculty of General medicine as a full-time program. The workload of the course per academic year is 60 credits, the total workload of the course is 360 credits as specified in FSES HE for the specialty. The standard period for mastering the HEP, including the holidays provided after passing the state final certification, is 6 years. Awarded qualification - General practitioner.

2.3. Specification of the level of knowledge, required for the study in the HEP

Admission for the course 31.05.01 "General medicine" is in accordance with the regulations and rules of admission of FSBEI HE SamSMU MOH Russia. For the first year of training in the specialty 31.05.01 "General medicine" (full-time), applications are accepted from persons who have a document of general secondary education, or a document of secondary vocational education, or a document of higher education.

2.4. Description of professional activity

2.4.1. Field of professional activity of the graduate

In accordance with FSES HE in the specialty, the area of professional activity of graduates of the medical faculty includes protecting the health of citizens by providing medical care in accordance with established requirements and standards in healthcare.

HEP relation with professional standards

HEP name / code	Name of the selected standard	Level of qualification	Types of professional activity	Generalized job description
1	2	3	4	5
General medicine	General practitioner	7	Medical care practice as an	Providing primary health

31.05.01	(internist)		internist	care to adults in outpatient settings or at patient's home, without 24-hours medical supervision and treatment.

2.4.2. Professional activity of graduates is focused on the following areas:

- individuals (patients);
- general public;
- complex of means and technologies aiming at creating conditions for protection of public health

2.4.3. Types of professional activity of the graduate:

- medical activity;
- organization and management;
- scientific research.

Upon completion of education in the field of study (specialty) 31.05.01 General Medicine, the graduate is awarded a qualification of general practitioner.

2.4.4. Tasks of professional activity of the graduate

The graduate who has successfully completed a specialist program in specific field (specialty) 31.05.01 General Medicine will be prepared to solve the following professional tasks:

medical activity:

- prevention of diseases among the population through preventive and anti-epidemic measures;
- conduct of prophylactic medical examinations, medical checkups and outpatient follow-ups;
- collection of information and its medical statistical analysis with regard to the parameters of population health in different age and gender groups, which characterize their state of health;
- diagnosis of patients' diseases and pathological conditions;
- diagnostics of emergency conditions;
- diagnosis of pregnancy;
- expert assessment of temporary disability and participation in other types of medical expert assessment;

- provision of first medical and sanitary aid in the outpatient treatment facilities and daytime inpatient treatment facilities;
- provision of first medical and sanitary aid in cases of suddenly occurred acute illnesses and conditions and exacerbations of chronic diseases which are not life-threatening and do not require emergency medical aid;
- participation in provision of emergency medical care under conditions which require emergency medical interventions;
- provision of medical aid in emergency situation, including participation in medical evacuation;
- participation in the conduct of medical rehabilitation and health-resort therapy;
- motivation among public, patients and their family members, aiming at the preservation and improvement of their health and health of the wider public;
- teaching patients the main hygienic and health-promoting measures which facilitate disease prevention and promotion of health;

organization and management;

- use of the main organizational principles towards providing health care in medical organizations and their structural divisions;
- setting favorable conditions for patients' stay and medical staff working activity in medical organizations;
- medical documentation management in medical institutions and conduct of medical expert assessment;
- participation in organization of quality assessment of patient care;
- adherence to the main information security requirements;

scientific research:

- analysis of scientific literature and official statistical reviews, participation in the statistical analysis and public presentation of results obtained;
- participation in solving certain scientific research and applied science tasks in the field of public health related to diagnosis, treatment, medical rehabilitation and prevention of diseases.

PLANNED RESULTS OF THE HEP STUDY

3.1. Competencies of HEP graduate

Successful completion of the HEP in specific field (specialty) 31.05.01 General Medicine is determined by the professional competences acquired by the graduates, i.e., their abilities to apply knowledge, skills and personal qualities to solving their professional tasks. As a result of mastering the given HEP, the General Medicine faculty graduate will have the following competences.

General cultural competence (GCC):

- ability for abstract thinking, analysis and synthesis (GCC-1);
- ability to use the basics of philosophical knowledge for the formation of a worldview (GCC-2);
- ability to analyze the main steps and objective laws of the historical development of society to form the civic stance (GCC-3);
- ability to act in challenging situations and bear social and ethical responsibility for the decisions taken (GCC-4);
- ability for self-development, self-realization, self-education and use of creative potential (GCC-5);
- ability to use the methods and means of physical culture to ensure fully-fledged social and professional activity (GCC-6);
- ability to use the first aid procedures and methods of protection in emergency situations (GCC-7);
- ability to work as a part of a team and to be tolerant to social, ethnic, confessional and cultural differences (GCC-8).

General professional competence (GPC):

- ability to solve standard professional tasks using the informational and bibliographic resources, medical biological terminology and information and communication technologies taking into account the main information security requirements (GPC-1)
- ability to communicate verbally and in writing, in Russian and foreign languages, in order to solve professional tasks (GPC-2);
- ability to use the basics of economic and legal knowledge when fulfilling professional duties (GPC-3);
- ability to put into professional practice the ethical and deontological principles (GPC-4);
- ability to analyze results of one's own activity in order to prevent professional errors (GPC-5);
- skills in medical documentation management (GPC-6)
- preparedness to use the main physical chemical, mathematical and other natural science terms and methods when solving professional tasks (GPC-7);
- skills in medical use of drugs, other substances and their combinations when solving professional tasks (GPC-8);
- ability to evaluate morphofunctional and physiological conditions and pathological processes in human body when solving professional tasks (GPC-9);

- skills in organization of patient care and provide primary paramedic and sanitary services (GPC-10);
- skills in using medical devices as stipulated in the order of provision of medical aid (GPC-11).

Professional competence (PC):

medical activity:

- ability and preparedness for conducting a complex of measures aiming at health preservation and improvement, which include formation of healthy lifestyle, prevention of occurrence and (or) spread of diseases, their early diagnosis, uncovering the causes and conditions of their occurrence and development, as well as aiming at elimination of harmful effects of environmental factors on human health (PC-1)
- ability and preparedness to carry out prophylactic medical examinations, medical checkups and outpatient follow-ups (PC-2);
- ability and preparedness to carry out preventive anti-epidemic measures, organization of public protection in the especially dangerous infection hotbed areas, and in case of worsening of radiation environment, natural disasters and other emergency situations (PC-3);
- Ability and preparedness to use social hygiene methods for collection of information and its medical statistical analysis based on population health indicators (PC-4);
- skills in collection and analysis of patients' complaints, medical history, results of physical examination, laboratory, instrumental, anatomopathological and other investigations in order to recognize patient's condition or establish the fact of presence or absence of the disease (PC-5);
- ability to detect in patient the main pathological conditions, symptoms or syndromes and nosological forms, in accordance with the International statistical classification of diseases and related health problems, 10th revision (PC-6);
- preparedness for conducting expert assessment of temporary incapacity for work, participation in the conduct of medical social expert examination and certification of biological death (PC-7);
- ability to define the management strategy for patients with different nosological forms (PC-8);
- preparedness for management of patients with different nosological forms in the outpatient setting and daytime inpatient treatment facility (PC-9);

- preparedness to provide medical assistance in case of suddenly occurred acute illnesses and conditions and exacerbation of chronic diseases which are not life-threatening and do not required emergency medical aid (PC-10);
- readiness for participation in provision of emergency medical care under conditions which require emergency medical interventions (PC-11);
- ability for managing the physiological pregnancy and delivery (PC-12);
- preparedness for participating in provision of medical assistance in emergency situations, including participation in medical evacuation (PC-13);
- preparedness for determination of necessity to use natural remedies, medicinal and non-medicinal therapies and other methods in patients who are in need of medical rehabilitation and health-resort treatment (PC-14);
- preparedness to teach patients and their relatives the main hygienic health-improving procedures, and self-control skills with regard to the main physiological parameters, which ensure preservation and improvement of health and prevention of diseases (PC-15);
- Preparedness for being involved in public awareness programs on elimination of health risk factors and formation of healthy lifestyle habits (PC-16);

organization and management;

- ability to use the main organizational management principles in providing health care in medical organizations and their structural divisions (PC-17),
- preparedness for taking part in healthcare quality assessment using the main medical statistics parameters (PC-18);
- ability to organize medical aid in emergency situations, including participation in medical evacuation (PC-19);

scientific research:

- preparedness for analysis and public presentation of evidence-based medical information (PC-20);
- ability to partake in the conduct of scientific research (PC-21);
- preparedness for being involved in the implementation of new methods and procedures aiming at public health protection (PC-22).

The graduate's competences which are formed in the course of the HEP are determined based on the Federal State Educational Standards of Higher Education (FSES HE) in specific field (specialty) 31.05.01 General Medicine, in accordance with the educational program objectives.

3.2. The matrix of required competences and corresponding HEP components

The Form "Educational subjects' structural and logical relationship" (Appendix 1).

Correspondence matrix form (Appendix 1a)

3.3. Competency passports and competency development programs

Appendix 2 is used for the development of working programs for educational subjects and practices.

4. DOCUMENTS, REGULATING THE CONTENT AND ORGANIZATION OF THE EDUCATIONAL PROCESS OF THE HEP

In accordance with the Procedure of organization and realization of educational activity on higher education programs of specialist level and FSES HE in the specialty 31.05.01 "General medicine", the content and organization of educational process in the HEP is regulated by the specialty curriculum, the working programs of academic courses, subjects, disciplines (modules), by the materials that ensure the quality of students training; practical training program, work placement program, calendar training schedule, and methodological materials that ensure the implementation of appropriate educational technologies.

4.1. Calendar training schedule

The sequence of the HEP in the specialty 31.05.01 "General medicine" by year (including theoretical training, practice, intermediate and final assessment, vacation) is presented in the basic curriculum.

4.2. Curriculum

The basic curriculum is attached (Appendix 3)

4.3. Working program of the academic courses, subjects, disciplines (modules)

The list of approved working programs of academic courses, subjects, disciplines (modules) is attached (Appendix 4)

4.4. PRACTICE PROGRAMS

In accordance with the FSES HE for the specialty 31.05.01 "General Medicine", the HEP block "Practices, including research work (R&D)" involves practical training and work placement in order to create conditions for students to acquire the necessary level of knowledge, skills, experience for the future professional activities. Practical training is such type of classes, where students obtain primary professional skills, including skills in research activities. The practice's objectives are to deepen and consolidate the students' scientific and theoretical knowledge, to develop their practical and research skills, and to present them to modern equipment and technologies. The work placement provides an opportunity to gain professional skills and experience in professional activities, it can be stationary or extra-mural. All practices are regulated by the rector's order. Work placement contracts are concluded with the Ministries of Healthcare of the Samara region, Ulyanovsk region, Penza region and the Republic of Mari El, or with their subordinate medical institutions. Management, coordination and

methodological support of the practice is carried out by the Dean and Deputy deans of the Faculty of General medicine. Responsible teachers are appointed to coordinate the practice of students, and their schedule of trips to the practice sites is drawn up.

4.4.1. Practical training programs

The following types of practical training are provided for this HEP:

1. Practice in obtaining primary professional skills, including primary research skills.

2. Clinical practice.

The practice of obtaining primary professional skills, including primary skills in research activities, awards 6 credits and is represented by two types:

A. Practical training in the care of patients of therapeutic and surgical profile. The practice is implemented in the 1st semester in the amount of 2 credits.

B. Practical training in the basics of nursing (2 credits, 4th semester).

Clinical practice - Technologies for providing medical services (2 credits, 6th semester of the curriculum).

Mastering the necessary practical skills, as well as the formation of general cultural competencies and general professional and specific professional competencies occurs during training in the 1st, 2nd and 3rd years. Practical training takes place in the Clinics of Federal State Budgetary Educational Institution of Higher Education «Samara State Medical University» of the Ministry of Healthcare of the Russian Federation (Hematology unit No.1 of the Clinic of hospital therapy, Hematology unit No. 2 of the Clinic of hospital therapy, Infectious diseases unit No. 1 of the Clinic of infectious diseases, the infectious diseases, Infectious diseases unit No. 2 of the Clinic of infectious diseases, Cardiology Department №1 of the Clinic of propaedeutic therapy, Cardiology Department №2 of the Clinic of propaedeutic therapy, Coloproctology Department of the Clinic of hospital surgery, Anesthesiology and resuscitation department, Department of pediatric traumatology and orthopaedics of the Clinic of traumatology and orthopedics, Department of resuscitation and intensive therapy, Department of vascular surgery №1 of the faculty surgery clinic, Department of vascular surgery №2 of the faculty surgery clinic, Department of traumatology and orthopedics №1 of the Clinic of traumatology and orthopaedics, Department of traumatology and orthopedics №2 of the Clinic of traumatology and orthopedics, Therapeutic Department of the Clinic of internal diseases faculty, Surgery Department of the Clinic of hospital surgery, Surgery Department No.1 of the Clinic of propaedeutic surgery, Surgery Department No.2 of the Clinic of propaedeutic surgery, Surgery Department No.1 of the faculty surgery clinic, Surgery Department No. 2 of the faculty surgery clinic); and on the basis of other

medical institutions of the city according to the contractual relationship: State budgetary healthcare institution "Samara regional clinical hospital named after V.D. Seredavin" (Neurology Department, Pulmonology Department, Cardiology Department, Nephrology Department, Endocrinology Department, Thoracic surgery Department, Neurosurgery Department, Trauma Department, Urology Department, Surgery Department, Maxillofacial surgery Department in the main building); State budgetary healthcare institution of the Samara region "Samara City Clinical Hospital № 1 named after. N.I. Pirogov" (Gynecology Department, Cardiology Department, Neurology Department, Neurosurgery Department, Burns Department, Admission Department, Trauma Department, Urology Department, Surgery Department).

The list of approved practical training programs is attached

(Appendix 5).

4.4.2. Work placement program

Work placement is guided by the FSES HE and the curriculum. 27 credits are awarded for work placement.

The practice is realised in full accordance with the program worked out in the relative Department, which the chief of the practice prepares and presents for evaluation to the methodological commission for the specialty "General medicine" with further approval by CCMC of SamSMU.

The educational program provides the following types of work placement:

1. Practice for obtaining primary professional skills and professional experience, which includes such positions, as:

- nursery assistant (2 credits) - after the 1st year;
- ward nurse assistant (4 credits) - after the 2nd year;
- assistant to a procedural nurse (5 credits) - after the 3rd year;

2. Clinical practice.

After 4 years of training - doctor's assistant (9 credits):

in therapy

in surgery

in obstetric and gynecology

After the 5th year of training -outpatient clinic doctor's assistant (5 credits).

The goals of the practice fully correspond to the goals of the educational program, and the quality of teaching aids meets the requirements of the FSES HE.

All types of work placement are assessed on completion.

At the end of the work placement period, the students receive an employment reference letter from the practice supervisor, approved by the Chief physician of the medical institution (according to the appendices in the practice

programs). The practice diaries should be filled in and handed over for assessment to the chiefs of the practice in the University. The report on work placement is presented to the Commission according to the established schedule. On the practice completion, the corresponding Departments responsible for its organisation, draw a report and transmit it, together with the assessment list of students' practical skills, to the Dean's office of the Faculty of General medicine. The chiefs of the work placement make reports in the meeting of the Academic Council of the Faculty of General medicine.

Work placement - practice for obtaining professional skills and experience of professional activity as *"Nursery assistant"*.

Inpatient practice is carried out in a continuous form in healthcare institutions of the city of Samara on the basis of contracts in the 2nd semester for 8 days.

The practice hosts are medical organizations:

The Clinics of Federal State Budgetary Educational Institution of Higher Education «Samara State Medical University» of the Ministry of Healthcare of the Russian Federation (Hematology unit No.1 of the Clinic of hospital therapy, Hematology unit No. 2 of the Clinic of hospital therapy, Infectious diseases unit No. 1 of the Clinic of infectious diseases, the infectious diseases, Infectious diseases unit No. 2 of the Clinic of infectious diseases, Cardiology Department №1 of the Clinic of propaedeutic therapy, Cardiology Department №2 of the Clinic of propaedeutic therapy, Coloproctology Department of the Clinic of hospital surgery, Anesthesiology and resuscitation department, Department of pediatric traumatology and orthopaedics of the Clinic of traumatology and orthopedics, Department of resuscitation and intensive therapy, Department of vascular surgery №1 of the faculty surgery clinic, Department of vascular surgery №2 of the faculty surgery clinic, Department of traumatology and orthopedics №1 of the Clinic of traumatology and orthopaedics, Department of traumatology and orthopedics №2 of the Clinic of traumatology and orthopedics, Therapeutic Department of the Clinic of internal diseases faculty, Surgery Department of the Clinic of hospital surgery, Surgery Department No.1 of the Clinic of propaedeutic surgery, Surgery Department No.2 of the Clinic of propaedeutic surgery, Surgery Department No.1 of the faculty surgery clinic, Surgery Department No. 2 of the faculty surgery clinic); State budgetary healthcare institution "Samara regional clinical hospital named after V.D. Seredavin" (Neurology Department, Pulmonology Department, Cardiology Department, Nephrology Department, Endocrinology Department, Thoracic surgery Department, Neurosurgery Department, Trauma Department, Urology Department, Surgery Department, Maxillofacial surgery Department in the main building); State budgetary

healthcare institution of the Samara region "Samara City Clinical Hospital № 1 named after. N.I. Pirogov" (Gynecology Department, Cardiology Department, Neurology Department, Neurosurgery Department, Burns Department, Admission Department, Trauma Department, Urology Department, Surgery Department). State budgetary healthcare institution "Samara regional clinical hospital named after V.D. Seredavin" (Neurology Department, Pulmonology Department, Cardiology Department, Nephrology Department, Endocrinology Department, Thoracic surgery Department, Neurosurgery Department, Trauma Department, Urology Department, Surgery Department, Maxillofacial surgery Department in the main building); State budgetary healthcare institution of the Samara region "Samara City Clinical Hospital № 1 named after. N.I. Pirogov" (Gynecology Department, Cardiology Department, Neurology Department, Neurosurgery Department, Burns Department, Admission Department, Trauma Department, Urology Department, Surgery Department).

The goal of the practice is to consolidate the theoretical knowledge and skills, ability of patient care, the use of medical equipment and tools, experience in independent professional activities in the scope of labor functions of a nursery assistant.

The objectives of the practice are:

- acquaintance with the structure and organization of work of treatment and preventive care inpatient institutions, and their sub-divisions;
- mastering the duties of junior medical personnel;
- study of ethical and deontological features of communication in the professional medical environment and when communicating with in-patients, and their relatives;
- mastering practical skills of medical care aimed at maintaining the patient's ability to meet basic (physiological) needs at different age periods, and ensuring quality conditions of hospital stay.

Work placement - practice for obtaining professional skills and experience of professional activity as *"Ward nurse assistant"*.

Inpatient practice is carried out in a continuous form in healthcare institutions of the city of Samara on the basis of contracts in the 4th semester for 20 days.

The practice hosts are medical organizations:

The Clinics of Federal State Budgetary Educational Institution of Higher Education «Samara State Medical University» of the Ministry of Healthcare of the Russian Federation (Hematology unit No.1 of the Clinic of hospital therapy, Hematology unit No. 2 of the Clinic of hospital therapy, Infectious diseases unit No. 1 of the Clinic of infectious diseases, the infectious diseases, Infectious

diseases unit No. 2 of the Clinic of infectious diseases, Cardiology Department №1 of the Clinic of propaedeutic therapy, Cardiology Department №2 of the Clinic of propaedeutic therapy, Coloproctology Department of the Clinic of hospital surgery, Anesthesiology and resuscitation department, Department of pediatric traumatology and orthopaedics of the Clinic of traumatology and orthopedics, Department of resuscitation and intensive therapy, Department of vascular surgery №1 of the faculty surgery clinic, Department of vascular surgery №2 of the faculty surgery clinic, Department of traumatology and orthopedics №1 of the Clinic of traumatology and orthopaedics, Department of traumatology and orthopedics №2 of the Clinic of traumatology and orthopedics, Therapeutic Department of the Clinic of internal diseases faculty, Surgery Department of the Clinic of hospital surgery, Surgery Department No.1 of the Clinic of propaedeutic surgery, Surgery Department No.2 of the Clinic of propaedeutic surgery, Surgery Department No.1 of the faculty surgery clinic, Surgery Department No. 2 of the faculty surgery clinic); State budgetary healthcare institution "Samara regional clinical hospital named after V.D. Seredavin" (Neurology Department, Pulmonology Department, Cardiology Department, Nephrology Department, Endocrinology Department, Thoracic surgery Department, Neurosurgery Department, Trauma Department, Urology Department, Surgery Department, Maxillofacial surgery Department in the main building); State budgetary healthcare institution of the Samara region "Samara City Clinical Hospital № 1 named after. N.I. Pirogov" (Gynecology Department, Cardiology Department, Neurology Department, Neurosurgery Department, Burns Department, Admission Department, Trauma Department, Urology Department, Surgery Department). State budgetary healthcare institution "Samara regional clinical hospital named after V.D. Seredavin" (Neurology Department, Pulmonology Department, Cardiology Department, Nephrology Department, Endocrinology Department, Thoracic surgery Department, Neurosurgery Department, Trauma Department, Urology Department, Surgery Department, Maxillofacial surgery Department in the main building); State budgetary healthcare institution of the Samara region "Samara City Clinical Hospital № 1 named after. N.I. Pirogov" (Gynecology Department, Cardiology Department, Neurology Department, Neurosurgery Department, Burns Department, Admission Department, Trauma Department, Urology Department, Surgery Department). State budgetary healthcare institution "Samara Regional Clinical Oncology Dispensary" (Department of resuscitation and intensive therapy, Oncology Department (neck and head tumors) No. 1, Oncology Department (neck and head tumors) No. 2, Thoracic surgery Department, Neurosurgery Department, General oncology Department**,** Oncology Department (external tumors)**,** Abdominal Oncology, Oncourology,

Oncogynecology); the State Budgetary Healthcare Institution "Samara Regional Clinical Cardiology Dispensary named after V.P. Polyakov" (Anesthesiology and resuscitation department, Cardiology Department No. 5, Cardiology Department No. 6, Cardiology Department No. 7, Cardiac surgery Department No. 4, Cardiac surgery Department No. 11); State Budgetary Healthcare institution of the Samara region "Samara Primary Health Care Unit No. 5 in Kirovskiy district" (Surgery Department, Gastroenterology Department, departments of Occupational Pathology, Anesthesiology and resuscitation department).

The inpatient care practice is aimed at deeper skills training in care of patients with various pathologies, in medical manipulations, in usage of medical equipment and tools, in emergency care in the limits of a ward nurse responsibilities.

The objectives of the practice are:

- to learn the functions and working environment of a ward nurse in a treatment and preventive care institutions.
- to master the skills of communication with a patient, his/her relatives, medical specialists, the ability to follow the principles of medical deontology;
- to learn the techniques of the differentiated care of the patients with a prevalent pathology and the emergency conditions premedical care;
- to facilitate the skills of healthy lifestyle propaganda;
- to lean the process of medical documents management in the nurse's station.

The practice is aimed at developing the following competencies:

Type of the interim assessment - graded test.

Work placement - practice for obtaining professional skills and experience of professional activity as *"Procedural nurse assistant"*.

Inpatient practice is carried out in a continuous form in healthcare institutions of the city of Samara on the basis of contracts in the 6th semester for 20 days.

The practice hosts are medical organizations:

The Clinics of Federal State Budgetary Educational Institution of Higher Education «Samara State Medical University» of the Ministry of Healthcare of the Russian Federation (Hematology unit No.1 of the Clinic of hospital therapy, Hematology unit No. 2 of the Clinic of hospital therapy, Infectious diseases unit No. 1 of the Clinic of infectious diseases, the infectious diseases, Infectious diseases unit No. 2 of the Clinic of infectious diseases, Cardiology Department №1 of the Clinic of propaedeutic therapy, Cardiology Department №2 of the Clinic of propaedeutic therapy, Coloproctology Department of the Clinic of hospital surgery, Anesthesiology and resuscitation department, Department of pediatric traumatology and orthopaedics of the Clinic of traumatology and

orthopedics, Department of resuscitation and intensive therapy, Department of vascular surgery №1 of the faculty surgery clinic, Department of vascular surgery №2 of the faculty surgery clinic, Department of traumatology and orthopedics №1 of the Clinic of traumatology and orthopaedics, Department of traumatology and orthopedics №2 of the Clinic of traumatology and orthopedics, Therapeutic Department of the Clinic of internal diseases faculty, Surgery Department of the Clinic of hospital surgery, Surgery Department No.1 of the Clinic of propaedeutic surgery, Surgery Department No.2 of the Clinic of propaedeutic surgery, Surgery Department No.1 of the faculty surgery clinic, Surgery Department No. 2 of the faculty surgery clinic); State budgetary healthcare institution "Samara regional clinical hospital named after V.D. Seredavin" (Neurology Department, Pulmonology Department, Cardiology Department, Nephrology Department, Endocrinology Department, Thoracic surgery Department, Neurosurgery Department, Trauma Department, Urology Department, Surgery Department, Maxillofacial surgery Department in the main building); State budgetary healthcare institution of the Samara region "Samara City Clinical Hospital № 1 named after. N.I. Pirogov" (Gynecology Department, Cardiology Department, Neurology Department, Neurosurgery Department, Burns Department, Admission Department, Trauma Department, Urology Department, Surgery Department). State budgetary healthcare institution "Samara regional clinical hospital named after V.D. Seredavin" (Neurology Department, Pulmonology Department, Cardiology Department, Nephrology Department, Endocrinology Department, Thoracic surgery Department, Neurosurgery Department, Trauma Department, Urology Department, Surgery Department, Maxillofacial surgery Department in the main building); State budgetary healthcare institution of the Samara region "Samara City Clinical Hospital № 1 named after. N.I. Pirogov" (Gynecology Department, Cardiology Department, Neurology Department, Neurosurgery Department, Burns Department, Admission Department, Trauma Department, Urology Department, Surgery Department). State budgetary healthcare institution "Samara Regional Clinical Oncology Dispensary" (Department of resuscitation and intensive therapy, Oncology Department (neck and head tumors) No. 1, Oncology Department (neck and head tumors) No. 2, Thoracic surgery Department, Neurosurgery Department, General oncology Department**,** Oncology Department (external tumors)**,** Abdominal Oncology, Oncourology, Oncogynecology); the State Budgetary Healthcare Institution "Samara Regional Clinical Cardiology Dispensary named after V.P. Polyakov" (Anesthesiology and resuscitation department, Cardiology Department No. 5, Cardiology Department No. 6, Cardiology Department No. 7, Cardiac surgery Department No. 4, Cardiac surgery Department No. 11); State Budgetary Healthcare institution of the Samara

region "Samara Primary Health Care Unit No. 5 in Kirovskiy district" (Surgery Department, Gastroenterology Department, departments of Occupational Pathology, Anesthesiology and resuscitation department).

The practice is aimed at mastering the technology of medical services, developing the skills in usage of the medical equipment and tools of a procedure room, the experience of an independent work as a procedural nurse in the departments of an inpatient hospital, as well as at the development of personal and social competencies required for the future professional activity.

The objectives of the practice are:

- to learn the functions and working environment of a procedural nurse in a treatment and preventive care institutions.
- to refine the skills in communication with a patient, guided by ethics and deontology, depending on the pathology type and patient's characteristics.
- to master practical skills in diagnostic and treatment techniques used by a procedural nurse in compliance with labor safety rules, safety technology, regulations on the prevention of occupational diseases and environmental security;
- to provide premedical care of emergency conditions, acute conditions and injuries;
- to refine the skills of healthy lifestyle propaganda;
- to learn the management of record and report documentation of a procedure room.

Type of the interim assessment - graded test.

Work placement - clinical practice - *"General practice assistant"*.

The practice takes place in treatment and preventive care institutions contracted with the Faculty Therapy Department: therapeutics departments of multi-facility clinics and central regional hospitals of Samara and of the Samara region, Penza region, Saratov region, Ulyanovsk region, the Republic of Mari El, the Clinics of SamSMU.

The practice objectives: to consolidate and deepen the knowledge and practical skills acquired during the course "General medicine"; to refine the skills in patient's physical examination, interpretation of laboratory test results and the data on instrumental examination, in planning the patient's examination, treatment and follow-up.

The practice "General practice assistant" has the following goals:

- to develop professional skills in patient's examination using general clinical methods, analyzing the results of laboratory tests and instrumental examination, using the differential diagnosis approach with

identification-exclusion of the most typical internal diseases with initial, clinical and final clinical diagnosis;

- to develop professional skills by working-out of a complex actual treatment plan adequate for the patient's diagnosis and condition, by providing emergency medical aid in life-threatening health conditions;
- to acquire professional skills in medical diagnostics and treatment techniques;
- to develop professional skills in planning primary and secondary prevention actions;
- to use the regulatory documents of the healthcare system (laws of the Russian Federation, technical regulations, international and national standards, orders, guidelines, terminology of International System of Units (SI), actual international classifications);
- to search and analyze scientific medical information, national and international experience related to the study.

Work placement - clinical practice "Surgeon's assistant" is held in the 4th year before the exams in VIII semester (in June), the period is 2 weeks. The working time is 6 hours per day, 5 days a week. The practice includes one 12-hours duty and an independent work for 36 hours. The practice's general length is 108 hours.

During the practice, the students perform the following tasks: to keep a practice diary, to work in the surgery departments of the medical institution, independently perform the manipulations described in the practical skills plan, patients' management, to take part in the clinic-anatomical meetings, to conduct community health education, to analyze documents, to take part in conferences on science and practice.

According to the curriculum and working program, on the 4th year, the students have a continuous working placement in surgery departments of multi-facility clinics and central regional hospitals of Samara (Samara regional clinical hospital named after V.D. Seredavin, Samara City Clinical Hospital № 1 named after. N.I. Pirogov, Samara City Clinical Hospital № 2 named after. N.A. Semashko) and extra-mural work placement in central regional hospitals of the Samara region, Penza region, Saratov region, Ulyanovsk region, the Republic of Mari El. All institutions have the appropriate diagnostics and treatment equipment, meet the FSES requirements, the work process is guided by regulatory legal acts. The technical facilities of the host institutions are described in the working program.

The student's working placement is supervised and controlled by the Chair's teachers, appointed by SamSMU rector's Order, working in the host institutions. The supervisor of the student's clinical practice in the host institution is appointed

by the Order of the Chief Physician of the treatment and preventive care institution.

The practice goal is to consolidate and deepen the knowledge and practical skills acquired during the study in Faculty surgery Department; to refine the skills in surgical patient's physical examination, interpretation of laboratory test results and the data on instrumental examination, in planning the surgical patient's examination, treatment and follow-up, both in scheduled and urgent surgery.

Clinical working placement as "Surgeon's assistant" implies the following tasks for a student:

- to develop professional skills in surgical patient's examination, analyzing the results of aiding laboratory tests and instrumental examination, using the differential diagnosis of the most typical internal surgical diseases with initial, clinical and final clinical diagnosis;
- to develop professional skills by working-out of a complex actual treatment plan adequate for the patient's diagnosis and condition, by providing emergency medical aid in life-threatening health conditions;
- to learn the medical diagnostic and treatment manipulations, essential for surgical pathology;

Work placement - clinical practice "Obstetrics and gynecology doctor's assistant" is held in the 4th year before the exams in VIII semester (in June), the period is 2 weeks. The working time is 6 hours per day, 5 days a week. The practice includes one 12-hours duty and an independent work for 36 hours. The practice's general length is 108 hours.

During the practice, the students perform the following tasks: to keep a practice diary, to work in the obstetrics and gynecology departments of the medical institution, independently perform the manipulations described in the practical skills plan, patients' management, to take part in the clinic-anatomical meetings, to conduct community health education, to analyze documents, to take part in conferences on science and practice.

According to the curriculum and working program, on the 4th year, the students have a continuous working placement in maternity departments of multi-facility clinics and central regional hospitals of Samara (Perinatal center of the Samara regional clinical hospital named after V.D. Seredavin, Samara City Clinical Hospital № 2 named after. N.A. Semashko) and extra-mural work placement in regional hospitals of the Samara region, Penza region, Saratov region, Ulyanovsk region, the Republic of Mari El. All institutions have the appropriate diagnostics and treatment equipment, meet the FSES requirements, the work process is guided by regulatory legal acts. The technical facilities of the host institutions are described in the working program.

The student's working placement is supervised and controlled by the Chair's teachers, appointed by SamSMU rector's Order, working in the host institutions. The supervisor of the student's clinical practice in the host institution is appointed by the Order of the Chief Physician of the treatment and preventive care institution.

The practice goal is to consolidate and deepen the knowledge and practical skills acquired during the study in Obstetrics and gynecology Department No.1. To refine the skills in physical examination of pregnant women, interpretation of laboratory test results and the data on instrumental examination, in planning the patient's examination, treatment, management of birth and post-partum period follow-up.

Clinical working placement as "Obstetrics and gynecology doctor's assistant" implies the following tasks for a student:

- to learn the management and the scope of work of the obstetrics and gynecology doctor;
- to learn the current main and supplementary diagnostics methods in pregnancy and delivery, with rational use of them;
- as obstetrics and gynecology doctor's assistant, to use in practice the skills and knowledge, acquired during the study in the clinical department; to master professional skills in management of a normal pregnant woman, normal physiologic labor and birth, post-partum period; to learn the general principles of treatment and premedical care in emergency for pregnant women and women in labour;
- to learn to distinguish physiological and pathological processes in pregnancy and delivery, after the analysis of patient's history and her examination, in order to provide the timely consultation of a specialists or, in case of emergency, to provide the obstetric care in a typical obstetric situation.

Working placement "Outpatient clinic doctor's assistant" is held continuously in local outpatient departments, polyclinics and ambulance stations in Samara:

State budgetary healthcare institution of the Samara region "Samara City Polyclinic No. 13"; "Samara City Consultative and Diagnostic Polyclinic No. 14"; State budgetary healthcare institution of the Samara region "Samara City Hospital No. 4"; State budgetary healthcare institution of the Samara region "Samara City Polyclinic No. 6, and extra-mural work placement in outpatient departments, polyclinics and ambulance stations of the Samara region, Penza region, Saratov region, Ulyanovsk region, the Republic of Mari El on contractual basis, in the 10th semester during 4 weeks.

The clinical practice aims to give to a student a complete notion of major stages of doctor's work in primary health care in an outpatient clinic; to form the competence in medical and preventive care of adults in an outpatient clinic.

Objectives of the practice is to train the following skills:

- practical skills in usage of all kinds of first-aid kits for self-care, mutual aid and premedical care; to use the basic personal protective equipment, to use an authorized personal protective equipment; to perform different kinds of transportation of injured and ill patients;
- practical skills in premedical aid to injured;
- practical skills in premedical aid in the center of bacteriological, chemical or radiological contamination;
- practical skills in usage of basic and authorized personal protective equipment;
- to use correctly the systematic social knowledge in different social situations;
- the ability to formulate and argue the individual point of view in the personal communication in a specific situation, to respect the Physician's Code;
- to develop the analytical skill for different social problems solving, using a philosophic approach and terminology;
- to develop the skill in the positive criticism and self-criticism;
- the team-oriented work skills and the ability to communicate with experts in different subjects areas;
- the ability for adequate interpretation of multiple cultures and cultural diversity, to adopt social and ethic responsibilities;
- the correct medical documentation management as a general practitioner, in compliance with norms and regulations;
- the skill to make a treatment plan for therapeutic patients;
- the skills in medical first aid in acute conditions;
- to choose adequate drug and non-drug treatment;
- to reveal the risk factors for non-contagious diseases;
- to evaluate the public health status;
- to take preventive, hygienic and anti-epidemic measures;
- to choose the activities for healthy life-style promotion;
- to use the medicinal and non-medicinal preventive measures for non-contagious diseases;
- to develop a strategy for improving the state of public health, based on the data;

- to conduct health and hygienic education of patients (their relatives / legally acceptable representatives) and medical workers aimed at healthy life-style;
- to motivate the patients (their relatives / legally acceptable representatives) for healthy life-style and rejection of bad health habits;
- to provide brief consultations on dental hygiene and health to the patients of all age groups;
- to determine the goals, objectives, methods of research, to evaluate the data of laboratory tests and instrumental examination; to consolidate and review the results, obtained by national and international researchers;
- to use the statistical analysis methods for the scientific data processing; to formulate the research findings in an abstract, article, report and presentation.

Type of the interim assessment - graded test.

Scientific research project: *"Research and practice in practical healthcare"*.

Research project is one of the types of a work placement. The research program provides the following opportunities for students:

- to study special literature and other scientific and medical information, achievements of domestic and foreign science and technology in the relevant field of knowledge;

- to participate in scientific research;

- to collect and process scientific information on the topic (task);

- to participate in bench and industrial tests of prototypes of designed products;

- to create reports on a topic or its section;

- to make presentations at conferences at intramural, inter-university, interregional, all-Russian and international scientific student conferences, etc.

- to perform analysis and systematization of educational and search tasks, to solve non-standard tasks in practical classes in the taught disciplines in accordance with the curriculum;

- to make reviews on educational and scientific issues in accordance with the curriculum,

- to perform laboratory work with elements of scientific research in the taught disciplines in accordance with the curriculum,

- to review scientific articles (including those in foreign languages on the main problems of scientific topics and disciplines of departments in accordance with the curriculum or the plan of scientific work of the Department;

- to participate in the activities of scientific Circles of the University Departments (optional);

- participate in subject Olympiads, competitions between faculties, preparation of articles (abstracts) for publication in scientific journals.

In the process of research work and evaluation of its results, a wide discussion is held in the educational structures of the University, including with the involvement of employers, which helps to assess the level of the student's competencies. It is also necessary to assess the competence in a professional worldview and a certain level of culture.

Work placement - scientific research project: "Research and practice in practical healthcare" is held continuously in local outpatient departments, polyclinics and ambulance stations in Samara:

State budgetary healthcare institution of the Samara region "Samara City Polyclinic No. 13"; "Samara City Consultative and Diagnostic Polyclinic No. 14"; State budgetary healthcare institution of the Samara region "Samara City Hospital No. 4"; State budgetary healthcare institution of the Samara region "Samara City Polyclinic No. 6, and extra-mural work placement in outpatient departments, polyclinics and ambulance stations of the Samara region, Penza region, Saratov region, Ulyanovsk region, the Republic of Mari El on contractual basis, in the 10th semester during 1 week.

The goal of the workplacement is to give a student a complete notion of scientific research methods used to solve medical problems.

The objectives are to learn:

- the basic methods of medical data analysis; fundamentals of evidence-based medicine; techniques of public speaking;
- the requirements for the bibliographic description of literature;
- the requirements for the presentation of research results;
- to define goals, objectives, and research methods; to evaluate the data of laboratory tests and instrumental examination; to consolidate and review the results, obtained by national and international researchers;
- to use new methods of protection of the public health. The list of approved practical training programs is attached (Appendix 6).

5. REGULATORY AND METHODOLOGICAL SUPPORT OF THE QUALITY CONTROL OF THE STUDENTS' PROGRESS IN THE HEP

As defined by the FSES HE in the specialty 31.05.01 "General Medicine" and the Order of the Ministry of education and science of the Russian Federation No. 1367 dated December 19, 2013 "On approval of the Procedure for organizing and implementing educational activities for higher education programs – bachelor's programs, specialty programs, master's programs", the education quality control comprises: the education progress control, midterm assessment, the state final assessment, Set of assessment tools are developed.

5.1. The sets of assessment tools for education progress control and midterm assessment

The regulatory and methodological support of education progress control and midterm assessment of the students, enrolled to the HEP, is defined by the Procedure for organizing and implementing educational activities for higher education programs – bachelor's programs, specialty programs, master's programs.

The education progress control and midterm assessment serve as the main means of providing feedback between the teacher and the student in the educational process, which is necessary to stimulate the work of students and improve the teaching methods of academic disciplines. The education progress control is a test of the material learning, which is done regularly during the semester. The midterm assessment usually takes place in the end of the semester, and can finalize both the study of a separate discipline and its section (sections). The education progress control helps to evaluate the sum of knowledge and skills, as well as the mastering of certain competencies.

The forms of education progress control and midterm assessment are: interview, colloquium, credit, exam (for a discipline (module)), test, control work, essay and other creative works, review, report (on practices, research work of students, etc.), term paper (project), etc.

To certify students for compliance of their personal achievements in stages with the requirements of the corresponding HEP, the Faculty of General medicine developed sets of assessment tools for current monitoring of academic performance and midterm evaluation. The sets include: control questions and typical tasks for practical classes, laboratory and control works, colloquiums, tests and exams; tests and computer testing programs; suggested topics of course papers, essays and reviews. These forms of assessment tools help to evaluate the degree of students' competencies.

Sets of assessment tools for education progress control and midterm assessment are given in the educational-methodical complex for the course and practices, and the examples of assessment tools - in the working programs of disciplines (modules) and practice programs.

The following forms of control are practiced at the departments:

- education progress control (carried out during the study of each discipline in order to check and adjust the development of theoretical material, practical skills);
- high-stakes testing (carried out at the end of the study of one of the sections of the discipline in order to assess the level of knowledge, skills and abilities obtained during its study);
- midterm evaluation (test or exam in the disciplines in the curriculum, is conducted to check the digesting of the whole discipline).

Examination tickets and sets of complex tasks are approved at meetings of the University's CCMC. The interview allows for evaluation of the student's

knowledge and outlook, the ability to logically construct an answer, the use of monological speech and other communication skills. Written tests help to save time for the teacher, to check the validity of the assessment and reduce the degree of subjective approach to the assessment of the student's preparation, due to his individual characteristics.

The use of information technologies and systems provides:

- prompt receipt of objective information about the actual assimilation of controlled material by the students, also during the classes;

- the ability to present this information in detail and personified to the teacher to assess educational achievements and promptly adjust the learning process;

- formation and accumulation of integral (rating) assessments of students ' achievements in all disciplines and modules of the educational program; instilling practical skills and skills to work with information resources and tools;

- ability to self-control and motivate students in the process of independent work.

SamSMU guarantees the quality of training, including by: developing a strategy to ensure the quality of graduate training; reviewing educational programs; developing objective procedures for assessing the level of knowledge and skills of students, graduates ' competencies.

5.2. The state final examination of students for graduation.

The state final examination (SFE) complies with the requirements of the FSES HE and the Order of the state final examination for higher education programs – bachelor's programs, specialty programs, master's programs.

The procedure for conducting SFE (types, stages and means of examination activities) is determined by the regulations on SFE graduates of the specialty (field of training) and the order of the rector of the University.

The SFE is aimed at establishing the compliance of the level of professional training of graduates with the requirements of the FSES HE. The SFE program is developed in accordance with the Federal state educational standard for the specialty "general medicine", aimed to assess the theoretical and practical qualification of graduate students. It includes a list of general medical problems, diseases and pathological conditions, on the basis of which the examination tasks, a list of practical skills and situational clinical tasks are formed. The student must show their ability and readiness, based on the acquired deep knowledge, skills and formed general cultural competencies, general professional and special professional competencies, to independently solve the tasks of their professional activity at the modern level, professionally present special information, scientifically argue and defend their point of view.

SFE of the graduates summarizes the implementation of all forms and methods of teaching students, determines their level of preparedness. The Academic Council of the Faculty of General medicine, the methodological Commission for the specialty, and the graduate chairs are constantly working to improve the conduct of SFE in order to determine the level of graduates proficiency in most complete, objective manner. The graduate chairs prepare examination tasks taking into account the recommendations of the State Examination Commission (SEC). Tickets and additional examination materials are compiled taking into account the goals and requirements of qualification characteristics, curricula, working programs, recommendations, regulations, instructions of the educational and methodological Association of the Ministry of Health of the Russian Federation. Tickets are formed in advance, discussed at methodological meetings of departments, reviewed by teachers of related departments, discussed and approved at meetings of the University's CCMC.

A student who does not have an academic debt and has completed the curriculum or individual curriculum is allowed to enter the SFE.

SFE of the graduates in the specialty "General medicine" is carried out in stages according to the schedule and includes mandatory certification tests:

I stage - testing

II stage - assessment of practical skills

III stage - final interdisciplinary interview

All stages of the SFE are conducted only by members of the state examination Commission.

The first stage - the final test control is carried out in a computer class on a machine basis. Each graduate performs one of the proposed computer versions of test tasks (100 questions in 60 minutes).

Stage II of the practical exam includes 3 components: The 1st component is a test of practical skills in the training and production center of simulation training of SamSMU. Each student demonstrates his/her skills in solving a specific problem in simulated conditions (OSCE): cardiopulmonary resuscitation, emergency medical care, physical examination of systems and organs, etc.) using simulators, replicas, phantoms, patient histories, ECG, radiographs, laboratory data and other didactic material. The 2nd component of the II stage -the assessment of practical skills and abilities of the graduate is carried out in the therapeutic and surgical departments of SamSMU Clinics "at patient's bed". Members of the Commission evaluate the ability of a graduate student to supervise patients, fill in primary documentation, justify the diagnosis, make a plan for examination and treatment, and perform a differential diagnostics. The 3rd component is conducted in the form of an interview, where the student is asked to analyze the data of additional

methods of examination of the patient (ECG, blood and urine tests, x-rays, echocardiograms, ultrasound results, etc.).

In stage III, the members of SEC assess the overall proficiency of graduates, the degree of their adaptation to the medical specialty, the ability to protect and fully justify the clinical diagnosis, prescribed treatment, primary and secondary prevention and the graduate's reaction on the situation emerging during the interview. The integrity of the graduate's professional training, i.e. the level of his competence and clinical thinking in the main sections, is checked: clinical pathology, surgery, therapy, obstetrics and gynecology, infectious diseases and phthisiology, emergency care, endocrinology, outpatient care. The interview with students uses "The illustrative material for the state interdisciplinary exam in the specialty 31.05.01. 'General medicine'.

The result of the first stage is evaluated at 71% or more of correct answers, the evaluation criteria are as follows: 71-80% - satisfactory, 81-90% - good, 91-100% - excellent. The next two stages of the interdisciplinary examination certification tests are evaluated using a 5-point system: grades "excellent", "good", "satisfactory", "unsatisfactory". The final grade is based on the grades received for each stage.

The results of certification are announced to the graduate on the same day after registration and approval of the minutes of the meeting of the state examination Commission in accordance with the established procedure. A student who has not passed one of the stages of certification tests is not allowed to take the next stages.

Graduates who have not passed the State Final Examination for a good reason (for medical reasons or in other exceptional cases, documented) may be given the opportunity to pass the SFE without being expelled from SamSMU, but no later than six months from the date indicated on the document presented to students. Persons who did not pass the SFE for a disrespectful reason or received unsatisfactory grades are entitled to pass the SFE again no earlier than one year and no later than five years after passing the SFE for the first time. In this case, the student is expelled from the University and receives a certificate of training as per standard form.

SFE program - Appendix 7.

6. ACTUAL RESOURCE SUPPORT OF THE HEP IN SPECIALTY 31.05.01. "General medicine".

The actual resource support of the HEP is based on the requirements for implementation of educational programs defined by the FSES HE in the specialty

31.05.01 "General medicine", taking into account the recommendations of the corresponding sample HEP.

6.1. Human resourcing for HEP implementation

128 doctors of science, professors, 308 candidates of science, associate professors, as well as the teachers being the current managers and employees of specialized organizations are involved in teaching academic disciplines in the professional cycle.

The share of teachers with an academic degree and / or academic title in the total number of teachers, who provide the educational process for the profile cycle of this HEP, is more than 85%.

30 doctors of science, professors; 65 candidates of science, associate professors are involved in teaching academic disciplines in the Humanities, social and economic cycle.

6.2. Educational, methodological and information support for training process in HEP.

The library stock is equipped with printed and / or electronic editions of the main educational literature on the subjects of the basic and variable parts of all cycles, published during the past 10 years, and for the disciplines of the Humanities, social and economic cycle during the past 5 years.

Students are provided with educational literature, numbering more than 600,000 printed publications, 3 Internet centers for 120 users and access to the electronic library system "Student's Consultant". In addition, future doctors have the opportunity to work in the Inter-University Media Center.

The availability of literature in general for the HEP is 44 copies per person.

When studying the disciplines of the Humanities, social and economic cycle, 100,000 sources are used, the supply of literature for the cycle is 29 copies per student.

Information support for professional cycle disciplines is 267711 sources, with 42 copies per student. The stock of supplementary literature comprises: textbooks-27748, reference publications-3456, scientific and periodical publications-151226. The availability of supplementary literature is 29 copies per 1 student.

Educational and methodological documentation, a set of basic textbooks, teaching aids and information resources for students ' educational activities in all academic disciplines (modules), practices, research, etc., included in the curriculum of the HEP, are presented in the local network of the University.

The library Fund is equipped with printed and / or electronic editions of the main educational literature on the subjects of the basic and variable parts of all cycles, published during the past 10 years, and for the disciplines of the Humanities, economic and social cycle during the past 5 years.

Educational and methodological documentation, a set of basic textbooks, teaching aids and information resources for students' educational activities in all academic disciplines (modules), practices, research, etc., included in the curriculum of the HEP, are presented in the local network of the University.

6.3. Sources in SamSMU for HEP implementation

For the organization of the educative process in this HEP, the University has a material and technical base that provides all types of disciplinary and interdisciplinary training, laboratory, practical and research work according to the curriculum, and corresponds to the current sanitary and fire safety rules and regulations.

Resource provision is based on the requirements of the conditions of implementation of the HEP in the specialty 31.05.01 General medicine, as defined by the FSES HE in this area of training.

Subjects are taught in 52 departments. More than 85% of teachers who provide the educational process in their specialty have an academic degree and / or academic title. Teachers of the professional cycle have a basic education and (or) academic degree corresponding to the profile of the taught disciplines. The sources include 10 specially equipped lecture halls, a sufficient number of classrooms and offices, a library, two specialized sports halls and an outdoor sports field.

All students are provided with individual access to the SamSMU Electronic educational portal, which contains the main educational and methodological support for all disciplines and practices studied.

The computer base of the training process includes computer classes of departments (in all clinical and theoretical sites), the SamSMU Internet center, and the Inter-University Media Center with 600 work places. The University is provided with the necessary set of licensed software.

The educational process is provided with the equipment of laboratories in physics, chemistry, biochemistry, biology, physiology, microbiology, pharmacology, pathological anatomy, pathophysiology; special rooms for the study of Humanities and socio-economic disciplines, hygiene. There is an anatomical museum, a dissecting room.

All clinical departments have equipped medical offices and diagnostic rooms. Simulation training is carried out in the Training and production center of simulation training of SamSMU and in practical skills classes of the departments.

Training and work practices are carried out on the own clinical bases (Clinics of SamSMU, city and regional hospitals), which have all the necessary specialized departments, including pediatric departments and are the bases of clinical departments of SamSMU.

Sources in SamSMU include: 6 theoretical buildings, 10 lecture halls, more than 100 classrooms equipped with the necessary equipment for practical training.

For the implementation of the educational program, the classroom fund is equipped in accordance with modern requirements. All departments are equipped with computers and have access to the Internet. The University has 2 libraries, a reading room, PCs with access to the main bibliographic resources. Teachers and students of the University have access to full-text databases:

- the Cochrane library — an electronic database, to obtain scientific substantiation for the effectiveness of therapeutic interventions;
- MD Consult database (in English) of the Reed Elsevier publishing group (full text of articles from more than 80 medical journals and clinics, 50 leading medical reference books);
- E-library "Knigafond";
- "Student's Consultant" Electronic library of medical University" (electronic library system (ELS) that provides access via the Internet to educational literature and additional materials, including audio, video, animation, interactive materials, test tasks, etc.);
- reference legal system "Consultant Plus".

The educational fund is formed in accordance with the curriculum and training programs. The library stock is fully equipped with educational literature according to the requirements.

The stock of supplementary literature comprises: textbooks, reference publications, scientific and periodical publications.

The material and technical base of all departments that provide the educational process at the faculty of general medicine corresponds to a fairly high level and is constantly being improved and developed. Students can use e-learning and teaching aids for training, use the resources of the regional library, the library of the CRCH n.a. Seredavin. The educational fund is being updated continuously.

The training of highly professional specialists is provided by the simulation training center, the scientific and educational center for evidence-based medicine, and the center for educational information technologies with the laboratory of electronic textbooks, which were created among the first in Russia.

The University has a campus with three dormitories, an academic building, and two outdoor all-season sports fields with artificial turf (total area of 2100 square meters). For physical education and sports, there are two modern gyms for

playing and gymnastic sports with a total area of 978.6 sq. m.; a modern fitness center with an area of 140 sq. m., and each dormitory has two equipped sports rooms with a total area of 200 sq. m.

The University has 15 sports sections, where more than 700 people are engaged, which is 23.7% of the number of full-time students. Training sessions (sections) are held in the following sports: volleyball (men and women), basketball (men and women), ping-pong, boxing, soccer, swimming, powerlifting, weightlifting, classical aerobics, step aerobics, funk, sports aerobics, track and field section.

The University has a student creative club that unites about 20 vocal, dance, and theater groups, which employ about 300 students on a permanent basis, which is 10.3% of the number of full-time students. There is a rehearsal base and a base for holding mass events, including an Assembly hall with a total capacity of up to 400 people, equipped with modern sound and light equipment.

During independent training, each student is provided with a workplace in a computer class with Internet access in accordance with the volume of subjects studied. The University is provided with the necessary set of licensed software.

7. SOCIO-CULTURAL ENVIRONMENT IN THE UNIVERSITY, ENSURING THE DEVELOPMENT OF GENERAL CULTURAL COMPETENCES OF STUDENTS

Samara state medical University has created all conditions for personal development and ensuring socio-cultural processes that contribute to strengthening the moral, civic and general cultural qualities of students.

Strategic documents of the University that define the concept of forming the University environment:

The Charter of SamSMU (approved by the Order of the Ministry of Healthcare of the Russian Federation No. 395 dated June 23, 2016)

- internal labor regulations;
- regulations on the faculty of general medicine;
- plan of educative work of SamSMU;
- program on healthy lifestyle of SamSMU;
- program on scholarship provision and other forms of material support to students studying at SamSMU;
- regulations on education progress control and midterm assessment of students;
- other regulations, plans, local acts and programs of the University.

The main goal of educative work is to create favorable conditions for the personal and professional formation of competitive University graduates, who

combine deep professional knowledge and skills, high moral and patriotic qualities of future doctors, who have a legal and communicative culture, are capable of creative self-expression and active citizenship.

In accordance with this goal, the main objectives of educative activities at the University are:

- creation of a unified comprehensive system of education of students that contributes to the formation of a harmoniously developed personality;
- preserving and increasing the traditions of the SamSMU;
- study of students' interests and creative tendencies, support of talented youth, development of students' creative potential;
- conditions for the formation of the cooperation skills, positive communication, professional orientation in constantly changing life situations;
- the use of educational technologies that contribute to the development in students of high spiritual and moral qualities and standards of behavior; the formation of patriotic consciousness and an active civil and social position;
- creating a professional and semantic space that promotes the development of creative thinking of young professionals, the formation of healthy lifestyle skills.

The conditions for successful implementation of educative work are the availability of the necessary legal and educational-methodical base; active work of structural divisions that implement the main directions of educative activities; establishing a system of relations with other universities and social partners for the education of students; solving personnel issues related to the training and retraining of specialists in the field of pedagogy, the development of student self-government.

SamSMU conducts systematic, consistent, multi-stage work on the formation and strengthening of the internal information space. The tools are the "Medik" newspaper (published monthly), books, booklets and other printed publications dedicated to the history and current state of the University, and the SamSMU website.

The information and communication environment created at the University makes it possible to implement the educative function of the main educational programs and projects of work with young people, provided for by the state youth policy of the Russian Federation.

The system of student self-government of the University is represented by various actively interacting public organizations and associations: students' trade-union committee, student scientific society, student councils of dormitories, creative teams, sports club sections, etc., which create conditions for successful socialization of students, the formation of an active, self-governing student society,

in which the leadership qualities of young people can be successfully implemented, a civil position and a positive outlook of students can be formed.

To improve the health of young people and to provide medical assistance to students, an Intercollegiate student medical center (ICMC) was established on the basis of SamSMU Clinics. In the ICMC, students are provided with: primary (premedical) health care; outpatient and inpatient medical care; examination of temporary disability (exemption from classes; issuance of documents allowing registration of academic leave for health reasons); anti-epidemic measures (vaccination, detection of infectious patients; dynamic monitoring of contact and reconvalescents), etc.

SamSMU creates and supports all conditions for a successful dialogue between students from different countries and nationalities, between representatives of different religions. International students actively join all extracurricular activities and become the part of the student community. Thus, they get to know much better not only the country where they receive their education, but also the culture of the region, and this process has a positive effect on both international and Russian students: internationalism, tolerance, and recognition of the values of other cultures and peoples are fostered in close cooperation and fellowship.

Cultural, mass and sports events aimed at studying, understanding and respecting the traditions and cultures of various nationalities and religious confessions have become traditional at the University.

SamSMU has a system for encouraging the best students who have a high level of knowledge and actively participate in social and extracurricular activities. Every year, dozens of students are awarded letters of recognition from the Rector, Governor, etc.for excellent academic achievements, scientific and sports results, and active volunteer activities. A number of students are winners of competitive scholarships.

Thus, the educational environment of SamSMU in general and of the faculty of general medicine in particular consists of activities that are focused on the formation of personal qualities necessary for effective professional activity, on the education of moral qualities, the development of orientation to universal values, on instilling skills of managing the team in various forms of student self-government, on preserving and multiplying the traditions of the University, forming a sense of University solidarity and patriotic consciousness, on strengthening and improving the physical condition, striving for a healthy lifestyle.

8. OTHER REGULATORY AND METHODOLOGICAL MATERIALS ENSURING THE QUALITY OF STUDENTS TRAINING

1. Quality policy of FSBEI HE SamSMU MOH Russia.
2. Declaration of quality policy.
3. A program of internal audits.
4. Regulations on education progress control and midterm assessment of students.
5. Regulations on the procedure for expelling students from Samara State Medical University.
6. Regulations on the order of reinstatement to the number of students of Samara State Medical University.
7. Regulations on the procedure for admission to the second and subsequent courses in Samara State Medical University.
8. Regulations on the procedure for transferring students studying locally with full reimbursement of tuition costs to vacant places funded from the state budget.
9. Regulations on the procedure for granting academic leave to students of Samara State Medical University.
10. Order on approval of the list of services (works) related, in accordance with the Charter of the FSBEI HE SamSMU MOH Russia, to the main types of its activities that are provided (implemented) for physical and legal persons for a fee.
11. The regulations on the HEP (including Appendices 1-4).
12. Regulations on the educational-methodical complex for the course (including Appendices 1-6).
13. Requirements for the development and design of guidelines for lectures, practical, laboratory and seminars on the discipline.
14. Methodological requirements for the development of academic courses working programs.
15. Methodological requirements for the development of the practice program.
16. Regulations on the set of assessment tools of SamSMU.
17. Target program of social protection of students of SamSMU.

The main high education program is compiled in accordance with the requirements of the FSES HE, taking into account the recommendations of the sample HEP in the specialty 31.05.01 "General medicine".

The program is approved by the methodological commission of the Faculty of General medicine of FSBEI HE SamSMU MOH Russia
Protocol No. 2 dated April 20, 2016
The program is reviewed and approved by the methodological commission of the Faculty of General medicine of FSBEI HE SamSMU MOH Russia
Protocol No. 3 dated April 18, 2017

Head of methodological commission of the Faculty
PhD, Professor Yu.V. Tezikov

The program was approved by the Academic Council
of the Faculty of General medicine
Protocol No. 4 dated May 21, 2016
The program was reviewed and approved by the Academic Council
of the Faculty of General medicine
Protocol No. 5 dated May 19, 2017

Faculty Dean
PhD, Associate professor D. Yu. Konstantinov