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MINISTRY OF EDUCATION AND SCIENCE OF RUSSIA

**Federal State Budgetary Educational Institution
of higher education**

«I.N. Ulianov Chuvash State University»
(FSBEI of HE «I.N. Ulianov Chuvash State University»)

Medical Faculty

Department of Healthcare Management and Information Technologies in Medicine

«APPROVE»

Vice-rector for Academic Affairs


I.E. Poverinov

« 13 » 04 2022

Working programs of the discipline (module)
«Биоэтика / Bioethics»

Direction of training / specialty 31.05.03 Стоматология / Dentistry
Graduate's qualification Врач-стоматолог / Dental Practitioner

Direction (profile) / specialization «Dentistry»

Form of training – очная / intramural

Course – 3

Term – 5

Total academic hours/credit points – 72/2

The year of beginning the training – 2022

The fundamental document for compiling the working program of the discipline (module)
Федеральный государственный образовательный стандарт высшего образования -
специалитет по специальности 31.05.03 Стоматология (приказ Минобрнауки России от
12.08.2020 г. № 984)

Approved by:

Docent, Candidate of Pedagogical Sciences I.I. Pavlova

The working program was approved at the meeting of the Department of Healthcare
Management and Information Technologies in Medicine,

23.03.2022, protocol № 8

Head of the department S.V. Lezhenina

Approved by

Dean of the Medical Faculty V.N. Diomidova

Acting Head of the Educational and Methodological Department E.A. Shirmanova

1. The purpose and objectives of training in the discipline (module)

The purpose of the discipline - deepening and expanding knowledge about the specifics of bioethics as a philosophy and science of human survival; raising the level of moral, legal and professional culture; defining criteria for the correct assessment of specific problematic situations of modern medical practice, for finding optimal solutions to ethical and legal dilemmas arising at the same time, based on the logic of modern ethical and legal theories.

The objectives of the discipline - to provide an idea of the basic principles of bioethics in various fields of application of biological and medical knowledge;

study of the latest foreign and domestic developments in the field of medical ethics, norms and principles of international and Russian law of medical activity;

disclosure of the new content of traditional ethical norms and principles of medical ethics in terms of changing models of doctor-patient relationship, principles of respect for patient autonomy and the rule of informed consent;

to contribute to the further development of the moral and legal culture of the specialist, to improve the skills of the culture of communication between the doctor and patients in accordance with the rights of the patient, his system of values and religious orientation;

continuation of the development of socio-legal, moral and professional responsibility;

the study of ethical and regulatory acts of medical activity, their application in the conditions of the insurance system, market relations, competition of various forms of organization of medical care.

regulation and resolution of ethical conflicts; correct application of methods and methods of settlement, resolution and prevention of ethical conflicts.

study of the theoretical foundations of professional biomedical ethics;

study of the main national and international ethical and legal documents, including ethical documents of medical associations and associations

2. The place of practical training in the structure of the educational program of higher education

The discipline «Биоэтика / Bioethics» относится к обязательной части учебного плана refers to the mandatory part in the curriculum of the educational program of higher education (hereinafter referred to as the EP of HE) in the field of training / specialty 31.05.03 Стоматология, direction (profile) / specialization of the program «Dentistry».

Previous academic disciplines (modules) and (or) practices that form the knowledge, skills and abilities necessary for training in the discipline (module):

Русский язык и деловые коммуникации / The Russian Language and Business Communications

Учебная практика (ознакомительная практика) / Educational practical training (introductory practical training)

Философия / Philosophy

Knowledge, skills and abilities formed as a result of training in a discipline (module) are necessary when teaching in the following disciplines (modules) and (or) practices:

Дентальная имплантация в стоматологии / Dental Implantation in Dentistry

Подготовка к сдаче и сдача государственного экзамена / Preparation for passing and passing the state exam

3. Planned learning outcomes in the discipline (module), correlated with the planned learning outcomes

Planned learning outcomes in the discipline (module), correlated with the planned learning outcomes

Code and name of the competence	Code and name of the competence achievement	Descriptors for the indicator of competence achievement (learning)
<p>УК-5 Способен анализировать и учитывать разнообразие культур в процессе межкультурного взаимодействия / He/she is able to analyze and take into account the diversity of cultures in the process of intercultural interaction</p>	<p>УК-5.1 Осознает межкультурное разнообразие общества в его различных контекстах: социально- историческом, этическом, философском / He/she recognizes the intercultural diversity of society in its various contexts: socio- historical, ethical, philosophical</p>	<p>-закономерности и особенности социально-исторического развития различных культур / patterns and features of the socio-historical development of various cultures; - понимать и толерантно воспринимать межкультурное разнообразие общества / understand and tolerantly perceive the intercultural diversity of society; -навыками и способами осознания межкультурного разнообразия общества в его различных контекстах: социально-историческом, этическом, философском / skills and ways of understanding the intercultural diversity of society in its various contexts: socio-historical, ethical, philosophical;</p>
<p>УК-5 Способен анализировать и учитывать разнообразие культур в процессе межкультурного взаимодействия / He/she is able to analyze and take into account the diversity of cultures in the process of intercultural interaction</p>	<p>УК-5.2 Способен выбрать способ адекватного поведения в поликультурном сообществе и соблюдает общекультурные этические нормы, разрешает возможные противоречия и конфликты / He/she is able to choose a way of adequate behavior in a multicultural community and observes general cultural ethical standards, resolves possible contradictions and conflicts</p>	<p>- правила и технологии эффективного межкультурного взаимодействия / rules and technologies for effective intercultural interaction -соблюдать этические и правовые нормы в процессе межкультурного взаимодействия / observe ethical and legal norms in the process of intercultural interaction -навыками и способами выбрать способ адекватного поведения в поликультурном сообществе и соблюдает общекультурные этические нормы, разрешает возможные противоречия и конфликты / skills and ways to choose a way of adequate behavior in a multicultural community and observes general cultural ethical norms, resolves possible contradictions and conflicts</p>
<p>УК-5 Способен</p>	<p>УК-5.3 Способен к</p>	<p>-механизмы межкультурного</p>

<p>анализировать и учитывать разнообразие культур в процессе межкультурного взаимодействия / He/she is able to analyze and take into account the diversity of cultures in the process of intercultural interaction</p>	<p>продуктивному общению с учетом разнообразия социальных групп в социально-историческом, этическом и философском контекстах, в том числе для решения профессиональных задач / He/she is capable of productive communication, taking into account the diversity of social groups in socio-historical, ethical and philosophical contexts, including that for solving professional problems</p>	<p>взаимодействия в обществе на современном этапе / mechanisms of intercultural interaction in society at the present stage -анализировать особенности социального взаимодействия с учетом исторических, национальных, культурных и религиозных особенностей , в том числе для решения профессиональных задач / analyze the features of social interaction, taking into account historical, national, cultural and religious characteristics, including for solving professional problems -методами и навыками эффективного межкультурного взаимодействия / methods and skills of effective intercultural interaction</p>
<p>ОПК-1 Способен реализовывать моральные и правовые нормы, этические и деонтологические принципы в профессиональной деятельности / He/she is able to implement moral and legal standards, ethical and deontological principles in professional activities</p>	<p>ОПК-1.1 Способен придерживаться морально-этических норм, правил и принципов профессионального врачебного поведения / He/she is able adhere to moral and ethical standards, rules and principles of professional medical conduct</p>	<p>-морально-этические нормы, правила и принципы профессионального врачебного поведения / moral and ethical standards, rules and principles of professional medical behavior -соблюдать моральные и правовые нормы в профессиональной деятельности / comply with moral and legal standards in professional activities -навыками морально-этических норм, правил и принципов профессионального врачебного поведения / skills of moral and ethical standards, rules and principles of professional medical behavior</p>
<p>ОПК-1 Способен реализовывать моральные и правовые нормы, этические и деонтологические принципы в профессиональной деятельности / He/she is able to implement moral and legal standards, ethical and deontological principles</p>	<p>ОПК-1.2 Способен соблюдать права пациента и врача / He/she is able respect the rights of the patient and the doctor</p>	<p>-основные принципы и положения зарубежного права, конституционного права, трудового права; права пациента и врача / basic principles and provisions of foreign law, constitutional law, labor law; patient and physician rights применять нормы трудового законодательства в конкретных</p>

<p>in professional activities</p>		<p>практических ситуациях / apply the norms of labor legislation in specific practical situations -навыками морально-этической аргументации, принципами врачебной деонтологии и медицинской этики; навыками информирования пациентов и их родственников в соответствии с требованиями правил «информированного согласия / skills of moral and ethical reasoning, principles of medical deontology and medical ethics; skills to inform patients and their relatives in accordance with the requirements of the rules of "informed consent</p>
<p>ОПК-1 Способен реализовывать моральные и правовые нормы, этические и деонтологические принципы в профессиональной деятельности / He/she is able to implement moral and legal standards, ethical and deontological principles in professional activities</p>	<p>ОПК-1.3 Способен руководствуется в профессиональной деятельности документами регламентирующими взаимоотношения пациента и медицинского персонала / He/she is able to be guided in professional activities by documents regulating the mutual relations between the patient and medical personnel</p>	<p>-законодательство Российской Федерации в сфере охраны здоровья и нормативные правовые акты, а также иные документы, определяющие деятельность медицинских организаций и медицинских работников, регламентирующие взаимоотношения пациента и медицинского персонала / the legislation of the Russian Federation in the field of health care and regulatory legal acts, as well as other documents that determine the activities of medical organizations and medical workers, regulating the relationship between the patient and medical personnel -ориентироваться в действующих нормативно- правовых актах, в документах регламентирующими взаимоотношения пациента и медицинского персонала / navigate in the current regulatory legal acts, in the documents regulating the relationship between the patient and medical personnel -навыками и способами руководствоваться в профессиональной деятельности документами</p>

		регламентирующими взаимоотношения пациента и медицинского персонала / skills and ways to be guided in professional activities by documents regulating the relationship between the patient and medical personnel
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4. Structure, scope and content of the discipline (module)

Educational activities in the discipline (module) are carried out:

- in the form of students' face-to-face work with the teaching staff of the organization and (or) persons involved by the organization to implement the educational programs on other terms (hereinafter - contact work);

- in the form of students' independent work.

Face-to-face work can be classroom-based, extramural, as well as it can be conducted in an electronic information and educational environment (EIEE).

Learning sessions in the discipline (module) and interim assessment of students are conducted in the form of face-to-face work and in the form of students' independent work.

During learning sessions in the discipline (module) face-to-face work includes: lecture-type classes, seminar-type classes and (or) group consultations, and (or) individual work of students with the teaching staff of the organization and (or) persons involved by the organization to implement the educational programs on other terms (including individual consultations).

Legend:

Lec – lectures, Lab – laboratory work, Pr – practical classes, ICW – individual face-to-face work, IW – independent work.

4.1. Content of the discipline (module)

Section name	The section's content	Formed competences	Competence achievement indicator
Theoretical foundations of biomedical ethics	<p>Theoretical foundations and historical roots of medical ethics. Legal and sociocultural issues of medical ethics. Anthropocentrism and biocentrism as philosophical foundations of medical ethics</p> <p>Basic ethical theories. Principles and rules of biomedical ethics.</p> <p>The rights and moral obligations of doctors. The rights of patients and their legal representatives. The relationship of doctors with patients and their</p>	УК-5, ОПК-1	УК-5.1, УК-5.2, УК-5.3, ОПК-1.1, ОПК-1.2, ОПК-1.3

	legal representatives.		
Ethical problems of new biomedical technologies.	Life as a value. The attitude to death and dying as a moral problem. Ethics of life-sustaining treatment.	YK-5, ОПК-1	YK-5.1, YK-5.2, YK-5.3, ОПК-1.1, ОПК-1.2, ОПК-1.3
	Moral problems of medical intervention in human reproduction. Ethical problems of abortion, sterilization and contraception, new reproductive technologies.		
	Moral and ethical problems of conducting clinical trials and experiments on animals and humans.		
	Moral problems of medical genetics.		
	Moral problems of organ and tissue transplantation.		
Ethical and legal aspects of certain situational problems of modern medicine. Ethical documents and codes	Epidemiology and ethics. AIDS moral and ethical problems.		
	Ethics in psychiatry.		
	Ethical problems of relationships in the medical team.		
	Justice in healthcare and medicine. Ethical documents and codes.		
Individual contact work	Individual contact work (credit)		

4.2. Scope of the discipline and types of academic work

Forms of control and types of academic work		Labor intensity of the discipline (module)	
		5	total
1. Face-to-face work:		48,2	48,2
In-class learning in total, including:		48	48
Лекционные занятия (Лек)		16	16
Практические занятия (Пр)		32	32
Индивидуальная контактная работа (ИКР)		0,2	0,2
2. Independent work of the student:		23,8	23,8
3. Intermediate certification (exam) (зачет)		3а	3а
Total:	academic hours	72	72
	credit units	2	2

№ item	The section's (theme's) name	Face-to face work, including in the electronic information and educational environment, academic hours				IW, academic hours	Total, academic hours
		Lect.	Pr.	Lab.	ICW		
	Theoretical foundations of biomedical ethics						
1	Theoretical foundations and historical roots of medical ethics. Legal and sociocultural issues of medical ethics. Anthropocentrism and biocentrism as philosophical foundations of medical ethics.	2	4			2	8
2	Basic ethical theories. Principles and rules of biomedical ethics. The rights and moral obligations of doctors. The rights of patients and their legal representatives. The relationship of doctors with patients and their legal representatives.	2	4			2	8

	Ethical problems of new biomedical technologies.						
3	Life as a value. The attitude to death and dying as a moral problem. Ethics of life-sustaining treatment.	2				2	4
4	Moral problems of medical intervention in human reproduction. Ethical problems of abortion, sterilization and contraception, new reproductive technologies.	2	4			2	8
5	Moral and ethical problems of conducting clinical trials and experiments on animals and humans.		4			2	6
6	Moral problems of medical genetics.		4			2	6
7	Moral problems of organ and tissue transplantation.	2				2	4
	Ethical and legal aspects of certain situational problems of modern medicine. Ethical documents and codes						
8	Epidemiology and ethics. AIDS moral and ethical problems.	2	4			2	8
9	Ethics in psychiatry.		4			2	6
10	Ethical problems of relationships in the medical team.	2				1	3
11	Justice in healthcare and medicine. Ethical documents and codes.	2	4			4,8	10,8
	Individual contact work						
12	Individual contact work (credit)					0,2	0,2
Total academic hours		16	32			0,2	23,8

4.3. Summary of the discipline (module), structured by sections (topics)

Раздел 1. Theoretical foundations of biomedical ethics

Тема 1.

Theoretical foundations and historical roots of medical ethics. Legal and sociocultural issues of medical ethics. Anthropocentrism and biocentrism as philosophical foundations of medical ethics.

Лекционное занятие. 1. The history of classical medical ethics.

Eastern ethical traditions in medicine. Ayurveda. Muslim ethical tradition. Sources of the law of Islam. The principles of Muslim morality in relation to biomedicine. Buddhism.

Fundamentals of Buddhist thought. The position of Buddhism in relation to some problems related to biomedicine.

The Hippocratic tradition in Western medicine. Sources of tradition. The main content. Tradition in modernity.

Western religious traditions. The Jewish ethical tradition. The source of authority. The principles of Jewish morality in relation to biomedicine. Orthodox ethical tradition. Protection of life. Continuation of life. The ethical tradition of Roman Catholicism. The Protestant ethical tradition.

2. Secular ethical tradition. Professional ethics of medical workers.

Biomedical ethics as a set of norms of behavior and morality of medical workers. Moral and ethical characteristics of a medical worker. Deontology. Deontological aspects of the work of a medical worker. Secular ethical tradition. Western secular liberalism. Sources of authority. The most significant principles are: freedom, autonomy, mercy, "do no harm", justice (strict egalitarianism, socialism, utilitarianism, libertarianism). Legal traditions. Scientific, technological and social context of the emergence and development of bioethics.

Практическое занятие. Ethics and medicine. Professional ethics of medical workers.

Ethics and medicine. Ethics as a science and ethics of science. Types of ethical theories: idealistic-deontological and naturalistic-pragmatic. Biomedical ethics as a professional normative ethics of a doctor.

The Hippocratic model and the problem of trust in the profession.

Christian values of mercy, compassion and active love in the Paracelsus model. Questions of medical ethics in the works of M.Y. Mudrov, F.Y. Haaz, N.I. Pirogov, V.F. Voyno-Yasenetsky.

Deontological model. N.N. Petrov on medical (surgical) deontology. The main ethical documents of the AMA, AMA, Council of Europe.

Bioethics as a modern form of professional ethics of a doctor. The doctor and society in the era of the development of new biomedical technologies.

Тема 2. Basic ethical theories. Principles and rules of biomedical ethics.

The rights and moral obligations of doctors. The rights of patients and their legal representatives. The relationship of doctors with patients and their legal representatives.

Лекционное занятие. Basic ethical theories. Utilitarianism. Deontology.

1. Utilitarianism. The principle of utility. Utilitarianism of action and rules. Utilitarianism of preference. Modern discussions around utilitarianism. Theories of value: hedonism, pluralism, utilitarianism of preference.

2. I. Kant's deontological theory. General characteristics of the deontological theory. Characteristic features of the deontological theory. The structure of the theory: the primacy of correctness over the good. The role of motives and character of the subject of action. A categorical imperative. Maxims, hypothetical and categorical imperatives. Another formulation of the categorical imperative. The source of morality. Debt. The concept of goodwill. Perfect and imperfect duty. Kant's ethics in a medical context. Difficulties encountered by Kant's ethics.

3. The prima facie theory of moral obligations by W. D. Ross. Moral properties and rules. Actual moral obligations and prima facie moral obligations. Ross's prima facie list of moral obligations: obligations of loyalty, obligations of reparation, obligations of gratitude, obligations of justice, obligations of mercy, obligations of "do no harm", obligations of self-improvement. Prima facie theory of moral obligations in a biomedical context. Criticism of Ross' ethical theory.

Практическое занятие. The theory of justice of J. Rawls. The initial position and principles of justice. The theory of the social contract and the "starting position". The concept of the "curtain of ignorance". The concept of "primary goods". Justice as honesty.

Two principles of justice and their functions. The problem of paternalism. The concept and types of "natural duties". Rawls' theory of justice in a medical context. The controversy surrounding Rawls' theory.

R. Nozick's Libertarian theory of Justice. Libertarian theory and classical liberalism. The concept of a "minimal state".

Ethics of virtue. Aristotle's ethics of virtue. Modern theories of virtue.

Ethics of the natural law of Roman Catholicism. Goals, reason and moral law in the interpretation of Roman Catholicism. The principle of double effect. The principle of integrity, or the therapeutic principle. Application of the moral and theological points of view of Roman Catholicism in a medical context.

Principles and rules of biomedical ethics. The rights and moral obligations of doctors. The rights of patients and their legal representatives. The relationship of doctors with patients and their legal representatives.

Раздел 2. Ethical problems of new biomedical technologies.

Тема 3. Life as a value. The attitude to death and dying as a moral problem. Ethics of life-sustaining treatment.

Лекционное занятие. 1. Life as a value. An ethical basis for making decisions about life-sustaining treatment (competent and incompetent patients). Ordinary and extraordinary treatment. The morality of murder. Intentional deprivation of life in comparison with foreseen, but unintentional deprivation of life. Murder and letting die. Not starting treatment and stopping treatment. Life-sustaining treatment and suicide. Classic cases in the ethics of life-sustaining treatment (Quinlan and Kruzan). Ethical issues: standards of brain death (brain death and permanent vegetative state), mercy, standards of informing and who decides on life-sustaining treatment, care costs, differentiation of types of "cases", "slippery slope".

2. "Physician-assisted suicide." The problem of suicide: the history of the issue. The concept of assisted suicide. Discussions on the definition and differentiation of "suicide", "rational suicide", "assisted suicide" and "euthanasia". Arguments "for" and "against" assistance in suicide. Classic cases in the ethics of suicide (Bouvia and McAfee).

3. "Death with the participation of a doctor". Euthanasia: a history of the issue. Involuntary "euthanasia" in Nazi Germany. Decriminalization of voluntary euthanasia in the Netherlands. The Hemlock Society in the United States. Hospice movement as an alternative to "death with the participation of a doctor". The concept of euthanasia and its types. Dr. Kevorkian and help in death. Ethical issues "Slippery slope".

Тема 4. Moral problems of medical intervention in human reproduction. Ethical problems of abortion, sterilization and contraception, new reproductive technologies.

Лекционное занятие. 1. Ethical problems of abortion, sterilization and contraception.

Background: perspectives on abortion. Definition and types of abortion. The moral status of the fetus. The rights of pregnant women. Ethical problems of sterilization and contraception. Voluntary and forced sterilization. Types of contraception. Religious morality and the problem of contraception.

Social context. The case of Roe v. Wade. Human development and abortion. Definition and types of abortion: spontaneous abortion and abortion as a result of human intervention (artificial termination of pregnancy). Abortion is direct, indirect and therapeutic.

The moral status of the fetus. The boundaries of a rational argument. Requirements for the protection of the marginalized.

2. Ethical problems of new reproductive technologies.

Methods of artificial insemination. Artificial insemination by a donor. Artificial insemination by a donor and an unmarried mother. ISD without screening. Anonymity of donors and related problems. ISD and the danger of incest.

In vitro fertilization. Responsibility for the child. Risks for mother and child. Ethical

problems of frozen embryos and sperm banks.

In Vitro fertilization (surrogacy). Surrogate mothers and their rights. Responsibility for the child. Ethics and unity of procreation and love.

Ethics of the medical service provider.

Практическое занятие. Medical interventions in human reproduction.

Pregnancy, abortion and women's rights. The right to non-interference and the context of death. Motives of abortion. Therapeutic and non-therapeutic abortions. Social support and the problem of abortion. Conflict of interests between mother and fetus. The limits of a woman's reproductive freedom. Abortion and the law. Ethical theories and abortion. Statistics.

Ethical problems of sterilization and contraception. Voluntary and forced sterilization. Types of contraception. Religious morality and the problem of contraception.

Ethical problems of new reproductive technologies.

Methods of artificial insemination. Artificial insemination by a donor. Artificial insemination by a donor and an unmarried mother. ISD without screening. Anonymity of donors and related problems. ISD and the danger of incest.

In vitro fertilization. Responsibility for the child. Risks for mother and child. Ethical problems of frozen embryos and sperm banks.

In Vitro fertilization (surrogacy). Surrogate mothers and their rights. Responsibility for the child. Ethics and unity of procreation and love.

Ethics of the medical service provider.

Тема 5. Moral and ethical problems of conducting clinical trials and experiments on animals and humans.

Практическое занятие. Ethics of the researcher

Historical and philosophical context of the problem of human experiments in medicine.

Legal and ethical principles of conducting clinical trials and experiments on humans.

International documents regulating experiments with human participation:

a) The Nuremberg Code (1947).

b) The Helsinki Declaration (1964).

c) The Convention on Human Rights and Biomedicine (1996).

d) International Conference on Harmonization of Technical Requirements for Registration of Medicines Used in Humans. Guidelines for Conducting Bona Fide Clinical Trials (GCP), 1996.

Russian legislative acts:

a) The Constitution of the Russian Federation (1993).

b) The Law of the Russian Federation "Fundamentals of the Legislation of the Russian Federation on the protection of citizens' health" (1993).

c) The Law of the Russian Federation "On Medicines" (1998).

d) Industry Standard OST4251199, "Rules for conducting qualitative clinical trials".

e) Order of the Ministry of Health of the Russian Federation "On the procedure for making a decision on conducting clinical trials of medicines" No. 103 dated 03/24/2000.

Planning and conducting clinical trials of medicines.

Protection of the rights of subjects (set of GCP standards). Informed consent of the subjects. Approval of the ethics committee. Mandatory patient insurance.

Ethics committees. Ethical examination of clinical trials.

Analysis of potential risks; physical, moral damage. Risk/benefit ratio. Fairness in the selection of patients. Informed consent analysis. Placebo, randomization, double-blind clinical trials.

Evaluation of research methods. Payment to the test subjects.

Features of moral and ethical principles of animal research. Legal aspects.

Тема 6. Moral problems of medical genetics.

Практическое занятие. Ethical problems of the application of methods used by medical genetics for the diagnosis and correction of genetic disorders (genetic screening and testing, genealogical method, prenatal diagnosis, etc.). Moral aspects of medical and genetic counseling. Genetic information as property. Socio-philosophical aspects of the implementation of the international project "Human Genome". Old and new variants of eugenics. Ethical principles of genetic therapy and engineering.

Confidentiality and voluntary informed consent in medical genetics. Ethical problems of the application of methods used by medicine for the diagnosis and correction of genetic disorders. Ethical aspects of medical and genetic counseling.

Features of the relationship of the geneticist with the patient and his family. The relationship of a geneticist with doctors of other specialties. Legal regulation of genetic control methods.

Тема 7. Moral problems of organ and tissue transplantation.

Лекционное занятие. 1. Ethics of organ donation. Living donors. Living donors of non-renewable paired organs. The principle of proportionality in transplantation. Live, but terminal donors. Fetal tissue transplantation. The problem of organ sales. Ethics of the transfer of organs from corpses. Is there a duty to donate organs and tissues?

2. Ethics of the recipient. Responsibilities of the transplant team. Relationships with window deputies and families. Ethical problems of increasing the provision of organs. Informed consent.

3. Ethics of distribution by a medical service provider.

The real distribution of organs. Medical criteria for micro-level distribution. Technical factors. The criterion of clinical compliance. The criterion of family support. Egeism. Ability to pay. Economic cost and distribution of transplants. Ethical theories and organ transplantation.

4. Problems of incompetent donors (children, mentally ill persons), donors with a sharp restriction of freedom of choice (prisoners sentenced to death). Ethics of the recipient.

Раздел 3. Ethical and legal aspects of certain situational problems of modern medicine. Ethical documents and codes

Тема 8. Epidemiology and ethics. AIDS moral and ethical problems.

Лекционное занятие. Lecture on "Epidemiology and ethics. AIDS moral and ethical problems."

Практическое занятие. Epidemiology and ethics. AIDS moral and ethical problems.

The history of epidemiology. Features of infectious diseases. Principles and procedure of preventive and anti-epidemic measures.

Ethical and legal issues of vaccination. The national calendar of preventive vaccinations and the calendar of preventive vaccinations. The problem of the return of defeated infections (diphtheria, tuberculosis, malaria, plague) in the XXI century. The anti- vaccination campaign. Formation of medical activity of the population. The problem of information security in epidemiology.

AIDS the history of the emergence and spread of HIV/AIDS infection. The problem of the generative and reproducing environment (sexual liberalism, drug culture) of the epidemic. The main risk factors and the development of the AIDS epidemic. "Declaration of Commitment on HIV/AIDS" (ONN, 2001). Turbo-AIDS, drug-AIDS – new ethical and legal problems of Russian healthcare. Ethical problems of AIDS in Russia.

Тема 9. Ethics in psychiatry.

Практическое занятие. Ethics in psychiatry.

Moral and ethical aspects of the Law of the Russian Federation "On Psychiatric Care

and guarantees of citizens' rights in its provision" 1993

Specifics of bioethical problems in psychiatry features of psychiatry as a medical discipline: incompetence of many patients, stigmatizing nature of the diagnosis, etc. Protection of the legitimate rights and interests of the mentally ill. Voluntary provision of psychiatric care. "Therapeutic cooperation" with the patient and his relatives. The right of the patient to accept or refuse the offered psychiatric care. The specifics of obtaining voluntary informed consent. The concept of the "least restrictive alternative". The concept of "hospitalism". The value of the ethical norm of proportionality in the appointment of electroconvulsive therapy, neuroleptics, etc.

The specifics of medical secrecy in psychiatry. Respect for the prohibition of an incapacitated patient to disclose confidential information

to a guardian. Definition of the concept of "abuse of psychiatry" and "abuse in psychiatry". Moral, legal and social guarantees for the protection of the professional independence of a psychiatrist.

Drug addiction. Moral and ethical foundations and psychiatric methods of overcoming drug addiction. Modern mass culture and drugs. Christianity as a spiritual and practical antidote to drug addiction.

Тема 10. Ethical problems of relationships in the medical team.

Лекционное занятие. 1. Moral conflicts in modern healthcare.

2. Features of ethical behavior in the activities of health care organizers, doctors, pharmacists and auxiliary medical personnel.

3. Ethics, etiquette, law, customs and morality in medicine. Professional solidarity and mentoring in medicine. Conflicts and ways to resolve them.

4. Moral problems of medical training at the bedside.

5. Medical and ethical features of communication between doctors and patients at various stages of providing them with medical care: examinations, prescribing treatment, performing medical intervention, monitoring the effectiveness of treatment, rehabilitation and preventive appointments.

6. Interpersonal, intra-group and intergroup moral conflicts. Ways to resolve them and forms of warning.

Тема 11. Justice in healthcare and medicine. Ethical documents and codes.

Лекционное занятие. 1. Modern theories of justice and moral problems in medicine.

The principle of justice. Micro and macro level of application of the principle of equity in healthcare. Criteria of justice. Market or state allocation of health resources. The connection between the idea of human rights (the right to health) and justice.

2. Ethical documents and codes.

Characteristics of the main documents regulating the behavior and tactics of a doctor in various moral and ethical situations arising in modern medical practice (United Nations documents, declarations and recommendations of the World Medical Association, the World Health Organization, the International Ethical Council, national codes of Medical Ethics, etc.).

3. Issues of medical ethics in the legislative acts of Russia.

Organizational forms of bioethics. Centers of Biomedical Ethics. Government and public commissions. Congresses. Ethics committees. Teaching medical ethics in various countries.

Практическое занятие. The idea of justice in medicine and healthcare.

The idea of justice and forms of healthcare organization. The principle of justice and the human right to health protection and medical care. The value of the value-worldview context of medical activity.

The moral idea of justice in the history of philosophy and politics. Justice as inequality and private medicine. Understanding justice as a "retribution of due" (the best to the best). Ethics of pragmatism and utilitarianism increasing well-being as a criterion for the

effectiveness of the health system. Voluntary (private, commercial) medical insurance in Russia. Law of the Russian Federation The Law of the Russian Federation “On Amendments and Additions to the Law “About medical insurance of citizens in the RSFSR” 1993.

Justice as equality in the right to medical care and mercy. Monastic infirmaries as the first form of public health in European history. The system of state (national) healthcare in the USSR.

Transition from the state (budgetary) to the insurance system of healthcare in Russia. The global trend of displacement of paid medicine by systems of compulsory medical insurance and national public health (Italy, Portugal, Cyprus, Spain, etc.).

VI World Congress on Bioethics “Power and Injustice” (Power and Injustice) (Brazil, 2002) Healthcare in developing countries. Justice as a human right to receive decent medical care and medication. Ethical problems of remuneration of doctors.

Healing as an active manifestation of justice and mercy. Provision of medical care “regardless of gender, race, nationality, language, origin, property and official status, place of residence, attitude to religion, beliefs, membership in public associations” (Oath of the Doctor of Russia, 1999). The rights of the patient and the rights of the doctor (freedom, decent pay, independence).

5. Educational technologies

To implement the competence-based approach in the study of the discipline (module), extensive use of active and interactive methods of conducting classes in the educational process is provided:

The constituent elements of educational technologies are:

lectures – problem lecture involves the presentation of educational material in the form of problem situations and involving listeners in joint analysis and search for solutions; lecture-visualization – using computer technology (lecture material is accompanied by slides demonstrated during the lecture);

practical classes (heuristic conversation is a certain set of questions that direct the thoughts and answers of students in the right direction; IT method - access to Internet resources, the use of training programs during training (information and communication technologies);

independent (extracurricular) work of students (independent study of recommended literature, answers to questions, preparation of reports, abstracts with multimedia presentation).

Supervised homework – to encourage students to work independently.

Control works – for intermediate certification and assessment of the degree of assimilation of the material passed by students.

6. Forms of control and types of evaluation materials for the discipline (module)

Intermediate attestation - evaluation of intermediate and final results of training in the discipline (module).

6.1. Sample list of questions for the credit test

1. The history of medical ethics in Russia.
2. History of medical ethics abroad. Morality and ethical theory.
3. Medical ethics and Christian values of mercy, kindness and compassion.
4. Ethics, etiquette, law, religion, morals, customs and morality as forms of social regulation of medical activity.
5. Deontology as a doctrine of moral duty.
6. Deontological theories (religious morality, ethics of Kant, the concept of A. Schweitzer), their manifestation in medical ethics.
7. Utilitarian concepts of the good, the principle of utility, its influence on medical ethics.
8. The Russian philosophical tradition in the doctrine of morality, its influence on the

formation of Russian moral consciousness.

9. "Lies for salvation": ethical issues of admissibility and application.
10. Basic rules of biomedical ethics. Basic principles of bioethics.
11. The rights and moral obligations of doctors.
12. Medical ethics. The relationship of health workers.
13. The rights of patients.
14. The informed consent rule, its main elements and implementation in modern medical practice.
15. Privacy rule. The rights of patients and the duties of a doctor, a nurse in keeping the patient's secret. Limitations of the privacy policy.
16. The rule of truthfulness, its justification, the main content.
17. Basic models of doctor-patient relationship.
18. Analysis of the advantages and disadvantages of paternalistic, non-paternalistic (engineering, collegial, contract) models.
19. The value of life and its philosophical and anthropological interpretation.
20. The history of the attitude of physicians to a dying patient. Quality of life.
21. The history of attitudes to euthanasia: from antiquity to the present day. Arguments for and against euthanasia.
22. Ethics and death with the participation of a doctor. Palliative care. Hospices.
23. The concept of "hopeless patient". Treatment and care of terminally ill patients.
24. Ethical problems of pathoanatomic autopsies.
25. Historical, social, moral, legal and religious context of medical interventions in human reproduction.
26. Moral and ethical problems of prenatal diagnosis.
27. Moral and ethical problems of contraception.
28. The problem of artificial abortion (historical review). Moral evaluation of abortion in modern religions.
29. Moral and ethical problems of new reproductive technologies.
30. Status of the embryo and fetus. The embryo as an object of manipulation.
31. The main approaches and hypotheses regarding the status of the human embryo.
32. Modern legislation on abortion.
33. Ethical and legal problems of artificial insemination.
34. Ethical and legal problems of in vitro fertilization.
35. Ethical and legal problems of surrogacy.
36. Ethical problems during medical genetic screening, counseling, preimplantation diagnostics.
37. The main moral dilemmas associated with organ transplantation from living donors.
38. Ethical problems of human cloning.
39. Ethical problems of gene therapy of germ and somatic cells.
40. Moral principles of conducting experiments on animals.
41. Moral principles of conducting experiments on humans.
42. What is the commonality and difference between the Oath of a Russian doctor and the Hippocratic Oath?
43. State the reasons for the emergence of modern bioethics. What is the highest value and the main principle of this model of professional ethics?
44. The Nuremberg Code and the Helsinki Declaration of the World Medical Association and other ethical and legal documents regulating the conduct of clinical trials on humans.
45. Moral problems of fetal organ and tissue transplantation.
46. Ethical problems of xenotransplantation.
47. Moral problems of iatrogeny.

48. Ethical and legal regulation of scientific research.
49. The problem of equity in the distribution of scarce resources for transplantation.
50. Ethics of vaccination.
51. AIDS as a global problem of our time. Ethical and legal problems. Non-discrimination and stigmatization.
52. Solving the problem of HIV infection in Russia at the present time.
53. Ethical problems of providing medical care to drug addicts.
54. Problems of eugenics. General ethical principles in medical genetics.
55. Ethics in psychiatry and psychotherapy. Features of ethical problems in psychiatry.
56. What are the three main ethical and organizational principles that should be followed when determining the death of a person according to the criterion of "brain death".
57. Moral problems of the relationship between medical workers and scientists in the process of healing and scientific research.
58. Interpersonal, intra-group and intergroup moral conflicts.
59. Medical errors, their causes and ways of overcoming.
60. Modern theories of justice and moral problems in medicine.
61. Criteria of fairness. Micro- and macro-level application of the principle of equity in healthcare.
62. The market or state allocation of health resources.
63. National ethical documents and Russian legislation on the rights of patients.
64. Ethics committees: goals, objectives, Authority

6.2. Sample list of questions for the examination

Not provided

6.3. Suggested themes of term papers (projects)

Not provided

6.4. Suggested themes of term projects

Not provided

6.5. Suggested topics of calculation and graphic works

Not provided

7. Educational, methodological, informational and software support of the discipline (module)

The electronic catalog and electronic information resources provided by the scientific library of the FSBEI of HE "I. N. Ulianov Chuvash State University" are available at the link <http://library.chuvsu.ru/>

7.1. Regulatory documents, standards and rules

On the basics of public health protection in the Russian Federation: Federal Law No. 323-FZ of November 21, 2011:[Adopted by the State Duma on November 1, 2011:Approved by the Federation Council on November 9, 2011] : [editorial dated May 26, 2021]. – URL: <https://base.garant.ru/12191967/> (accessed: 05/28/2021). - Text: electronic.

7.2. Recommended basic educational and methodological literature

No item	Name
1	

7.3. Recommended supplementary educational and methodological literature

No item	Name
1	

7.4. List of resources of the "Internet" information and telecommunication network

№ item	Name	Link to the resource
1	Единое окно к образовательным ресурсам [Электронный ресурс]. – Режим доступа: http://window.edu.ru (дата обращения: 19.08.2019)	http://window.edu.ru
2	Российская государственная библиотека [Электронный ресурс]. – Режим доступа: http://www.rsl.ru (дата обращения: 19.08.2019)	http://www.rsl.ru
3	Российская национальная библиотека [Электронный ресурс]. – Режим доступа: http://www.nlr.ru (дата обращения: 19.08.2019)	http://www.nlr.ru
4	Научная электронная библиотека «Киберленинка» [Электронный ресурс]. – Режим доступа: http://cyberleninka.ru (дата обращения: 19.08.2019)	http://cyberleninka.ru
5	База данных литературы Научной медицинской библиотеки США http://www.ncbi.nlm.nih.gov/sites/entrez (дата обращения: 19.08.2019)	http://www.ncbi.nlm.nih.gov/sites/entrez

7.5. Software, professional databases, information and reference systems, electronic educational resources and electronic library systems

Software, professional databases, information and reference systems provided by the Informatization Department of the FSBEI of HE "I.N. Ulianov Chuvash State University" are available for download at the link <http://ui.chuvsu.ru> //. The Unified Register of Russian programs for electronic computers and databases, including freely distributed ones, is available at the link reestr.minsvyaz.ru/reestr /.

7.5.1. Licensed and freely distributed software

Microsoft Windows operating System and/or Unix-like operating system and/or mobile operating system;

Office software packages:

Microsoft Office and/or LibreOffice

and (or) OpenOffice and (or) analogues;

Browsers, including Yandex.Browser.

List of software:

7.5.2. Lists of professional databases and (or) information reference systems and (or) electronic library systems and (or) electronic educational resources

8. Material and technical support of the discipline

Classrooms for lecture-type classes in the discipline are equipped with a teacher's automated workplace consisting of: a personal computer/laptop, multimedia equipment with a screen and (or) SMART interactive whiteboard/SMART TV.

The premises for students' independent work are equipped with computer equipment enabling to connect to the Internet and provide access to the electronic information and educational environment of the FSBEI of HE "I.N. Ulianov Chuvash State University".

№ item	Lesson type	Brief description and characteristics of the composition of installations, measuring and diagnostic equipment, computer equipment and experimental automation tools
1		

9. Means of adapting the discipline teaching to the needs of persons with physical conditions

If necessary, persons with physical conditions can be offered one of the following options for perceiving information, taking into account their individual psychophysical characteristics:

1) using e-learning and distance learning technologies.

2) using special equipment (enginery) and software in accordance with the students' health restrictions in the Training Centers for Persons with Disabilities and Physical Conditions (hereinafter referred to as special needs) available at the university.

In the course of training, if necessary, the following conditions are provided for persons with visual, hearing and musculoskeletal disorders:

- for persons with visual impairments: educational and methodological materials in printed form in enlarged font; in the form of an electronic document; in the form of an audio file (conversion of educational materials into audio format); in printed form in Braille; individual consultations involving a tactile interpreter; individual assignments and consultations.

- for people with hearing impairments: educational and methodological materials in printed form; in the form of an electronic document; video materials with subtitles; individual consultations involving a sign language interpreter; individual assignments and consultations.

- for persons with disorders of the musculoskeletal system: educational and methodological materials in printed form; in the form of an electronic document; in the form of an audio file; individual assignments and consultations.

10. Guidelines for students to perform independent work

The purpose of the student's independent work (IW) is to consolidate the theoretical knowledge gained and to acquire practical skills in using and performing research of algorithms and data structures when designing application software programs. IW includes

independent study of educational issues, preparation for laboratory classes, performing calculation and graphic work, preparation for a test and an exam.

The list of questions and tasks for independent work to prepare for laboratory classes is given in the corresponding methodological instructive regulations in the description of each laboratory work.

The list of questions and tasks for independent work to carry out calculation and graphic work is given in the relevant methodological instructive regulations.

Independent work of students, along with classroom work, is one of the forms of the educational process, is mandatory for every student and is determined by the curriculum.

The purpose of independent work is to deepen and expand knowledge in the sections of the discipline under study, to form the ability to systematize, generalize, analyze theoretical knowledge.

Types of independent work:

- preparing students for practical classes,
- self-referencing of educational and scientific literature on the proposed topic and presentation of the work performed (as part of a training session or control of students' independent work).

Independent work of students forms the skills and abilities to search for information necessary for solving professional tasks, promotes the development of independent thinking, creative approach to the ongoing educational and research activities.

General recommendations for the organization of independent work of students

Forms of independent work of students provided by the discipline:

- Preparation for practical classes;
- Independent study of educational issues;
- Execution of the abstract and presentation;
- Preparation for the exam.

For independent preparation for practical classes, study of educational issues, preparation for the exam, the following sources can be recommended:

- lecture notes and materials of practical classes;
- educational literature of the relevant profile.

At the beginning of the course, the teacher informs students about the forms, types and content of independent work, explains the requirements for the results of independent work, as well as forms and methods of control and evaluation criteria.

11. Methodological instructive regulations for students studying the discipline (module)

Topics submitted for independent study should be outlined. The summary summarizes the main essence of the educational material. It is advisable to make a summary entirely on the topic. At the same time, it is always possible to supplement the compiled summary with clippings and extracts from magazines, newspapers, articles, new textbooks, brochures on the exchange of experience, data from the Internet and other sources. Thus, the summary becomes a collection of necessary materials, where the student introduces everything new that he has studied, learned. Such notes are of great value when preparing for classes.

The main stages of self-study of educational issues:

1. Initial acquaintance with the material of the topic under study according to the text of the textbook, additional literature.
2. Highlighting the main thing in the studied material, compiling the usual short notes.
3. Selection of reference signals for this text in the form of individual words, certain signs, graphs, drawings.
4. Thinking over a schematic way of coding knowledge, using a different font, etc.

5. Drawing up a reference summary.

11.1. Methodological instructive regulations for preparing for seminar-type classes

Practical training is one of the forms of educational work, which is focused on consolidating the studied theoretical material, its deeper assimilation and the formation of the ability to apply theoretical knowledge for practical, applied purposes. Special attention in practical classes is paid to the development of educational or professional skills. Such skills are formed in the process of studying educational material under the guidance and supervision of a teacher. To prepare for the practical lesson, the student needs to study the theoretical material on this topic, memorize the basic concepts, analyze the data in the lectures. In order to consolidate the material passed, the student needs to do homework in accordance with the task received at the previous practical lesson. In case of difficulties in its implementation, it is recommended to seek the help of a teacher in the time allotted for consultations.

Stages of preparation for the practical lesson:

- study of theoretical material obtained at lectures and in the process of independent work;
- completing homework;
- self-check on the control issues of the topic.

11.2. Methodological instructive regulations for preparing for an examination

Not provided

11.3. Methodological instructive regulations for preparing for a test

Preparation of students for passing the test includes:

- viewing the program of the training course;
- identification of sources necessary for the preparation (textbooks, additional literature, etc.) and their study;
- use of lecture notes, materials of practical classes;
- consulting with a teacher.

Preparation for the test begins with the first lesson in the discipline, at which students receive a general teacher's attitude and a list of basic requirements for current and final reporting. At the same time, it is important to systematically master the material from the very beginning, guided, first of all, by the list of questions for the test (exam), to take notes of sources important for solving educational tasks. During the semester, the replenishment, systematization and adjustment of student developments, the development of new and consolidation of already studied material take place.

11.4. Methodological instructive regulations for performing computational and graphical

Not provided

11.5. Methodological instructive regulations for performing a control work

Not provided

11.6. Methodological instructive regulations for performing a course work (project)

Not provided

List of additions and changes

The name and details (if any) of the document attached to the Working Program of the discipline (module) containing the text of updates	Department's decision		Full name of department head:
	Date	Protocol №	