

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION

**Federal State Autonomous Educational Institution of Higher Education
«National Research Lobachevsky State University of Nizhny Novgorod»**

Институт клинической медицины

УТВЕРЖДЕНО

решением Ученого совета ННГУ

протокол № 10 от 02.12.2024 г.

Working programme of the discipline

History of medicine

Higher education level

Specialist degree

Area of study / speciality

31.05.01 - General Medicine

Focus /specialization of the study programme

General Medicine

Mode of study

full-time

Nizhny Novgorod

Year of commencement of studies 2025

1. Место дисциплины в структуре ОПОП

Дисциплина Б1.О.03 История медицины относится к обязательной части образовательной программы.

2. Планируемые результаты обучения по дисциплине, соотнесенные с планируемыми результатами освоения образовательной программы (компетенциями и индикаторами достижения компетенций)

Формируемые компетенции (код, содержание компетенции)	Планируемые результаты обучения по дисциплине (модулю), в соответствии с индикатором достижения компетенции		Наименование оценочного средства	
	Индикатор достижения компетенции (код, содержание индикатора)	Результаты обучения по дисциплине	Для текущего контроля успеваемости	Для промежуточной аттестации
УК-4: Способен применять современные коммуникативные технологии, в том числе на иностранном(ых) языке(ах), для академического и профессионального взаимодействия	УК-4.1: Выбирает на государственном и иностранном(-ых) языках коммуникативно приемлемые стиль делового общения, вербальные и невербальные средства взаимодействия с партнерами. УК-4.2: Использует информационно-коммуникационные технологии при поиске необходимой информации в процессе решения стандартных коммуникативных задач на государственном и иностранном(-ых) языках. УК-4.3: Демонстрирует умение выполнять перевод профессиональных текстов с иностранного(-ых) на государственный язык и обратно.	УК-4.1: Choose a communicatively acceptable business communication style, verbal and non-verbal means of interaction with partners in the state and foreign languages. УК-4.2: Use information and communication technologies when searching for the necessary information in the process of solving standard communication tasks in the state and foreign languages. УК-4.3: Demonstrate the ability to translate professional texts from a foreign language(s) into the official language and vice versa.	Собеседование Доклад Тест	Зачёт: Доклад
УК-5: Способен анализировать и учитывать разнообразие культур в процессе межкультурного взаимодействия	УК-5.1: Демонстрирует толерантное восприятие социальных и культурных различий, уважительное и бережное отношение к историческому наследию и культурным традициям. УК-5.2: Находит и использует необходимую для саморазвития и взаимодействия с другими	УК-5.1: To find and use information about cultural peculiarities and traditions necessary for self-development and interaction with other people УК-5.2: To show in their behavior a respectful attitude towards the historical heritage and socio-	Собеседование Тест Доклад	Зачёт: Контрольные вопросы

	людьми информацию о культурных особенностях и традициях. УК-5.3: Проявляет в своём поведении уважительное отношение к историческому наследию и социокультурным традициям различных социальных групп, опирающееся на знание этапов исторического развития России в контексте мировой истории и культурных традиций мира.	<i>cultural traditions of various social groups, based on knowledge of the stages of Russia's historical development in the context of world history and cultural traditions of the world.</i> УК-5.3: <i>Demonstrate a tolerant perception of social and cultural differences, respect and respect for historical heritage and cultural traditions</i>		
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3. Структура и содержание дисциплины

3.1 Трудоемкость дисциплины

	очная
Общая трудоемкость, з.е.	2
Часов по учебному плану	72
в том числе	
аудиторные занятия (контактная работа):	
- занятия лекционного типа	16
- занятия семинарского типа (практические занятия / лабораторные работы)	0
- КСР	1
самостоятельная работа	55
Промежуточная аттестация	0 Зачёт

3.2. Содержание дисциплины

(структурированное по темам (разделам) с указанием отведенного на них количества академических часов и виды учебных занятий)

Наименование разделов и тем дисциплины	Всего (часы)	в том числе			
		Контактная работа (работа во взаимодействии с преподавателем), часы из них			Самостоятельная работа обучающегося, часы
		Занятия лекционного типа	Занятия семинарского типа (практические занятия/лабораторные работы), часы	Всего	
	о	о	о	о	о

	Ф О	Ф О	Ф О	Ф О	Ф О
Primitive society. Periodization and chronology of primitive healing. The origin of collective healing and hygiene skills/Primitive society. Periodization and chronology of primitive medicine. The emergence of collective healing and hygiene skills	14	3		3	11
Common features of the development of healing in the countries of the Ancient World (Mesopotamia, Egypt, India, China, the Mediterranean, America)/General features of the development of healing in the countries of the Ancient world (Mesopotamia, Egypt, India, China, the Mediterranean, America)	14	3		3	11
Medicine of the early (V-X centuries) and classical (XI-XV centuries) Middle Ages/Medicine of the early (V-X centuries) and classical (XI-XV centuries) Middle Ages	14	3		3	11
The Medical-biological direction of the New Age (1640-1918)/Medical-biological direction of the New Age (1640-1918).	14	3		3	11
Medicine and healthcare of the 20th century/Medicine and healthcare of the 20th century	15	4		4	11
Аттестация	0				
КСР	1			1	
Итого	72	16	0	17	55

Contents of sections and topics of the discipline

1. Первобытное общество. Периодизация и хронология первобытного врачевания. Зарождение коллективного врачевания и гигиенических навыков/Primitive society. Periodization and chronology of primitive medicine. The emergence of collective healing and hygiene skills
2. Общие черты развития врачевания в странах Древнего мира (Месопотамия, Египет, Индия, Китай, Средиземноморье, Америка)/General features of the development of healing in the countries of the Ancient world (Mesopotamia, Egypt, India, China, the Mediterranean, America)
3. Медицина раннего (V-X вв.) и классического (XI-XV вв.) Средневековья/Medicine of the early (V-X centuries) and classical (XI-XV centuries) Middle Ages
4. Медико-биологическое направление Нового времени (1640-1918 гг.)/Medical-biological direction of the New Age (1640-1918).
5. Медицина и здравоохранение XX столетия/Medicine and healthcare of the 20th century

4. Учебно-методическое обеспечение самостоятельной работы обучающихся

Самостоятельная работа обучающихся включает в себя подготовку к контрольным вопросам и заданиям для текущего контроля и промежуточной аттестации по итогам освоения дисциплины приведенным в п. 5.

Зуева В. А. История медицины : учебное пособие для спо / Зуева В. А. - 2-е изд., стер. - Санкт-Петербург : Лань, 2023. - 144 с. - Книга из коллекции Лань - Медицина. - ISBN 978-5-507-46770-9. <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=862864&idb=0> 2023

5. Assessment tools for ongoing monitoring of learning progress and interim certification in the discipline (module)

5.1 Model assignments required for assessment of learning outcomes during the ongoing monitoring of learning progress with the criteria for their assessment:

5.1.1 Model assignments (assessment tool - Interview) to assess the development of the competency YK-4:

1. The Origins of Medicine in Prehistoric Times
2. Ancient Egyptian Medical Practices and Texts
3. The Edwin Smith Surgical Papyrus
4. Hippocrates and the Hippocratic Corpus
5. Ancient Greek Medicine: The Four Humors
6. Galen's Contributions to Anatomy and Physiology
7. Roman Medicine and Public Health
8. Medical Practices in Ancient India: Ayurvedic Medicine
9. Traditional Chinese Medicine: Concepts and Practices
10. The Role of Religion in Medieval Medicine
11. The Black Death: Medical Understanding and Responses
12. The Renaissance and the Rebirth of Medical Knowledge
13. Andreas Vesalius and the Study of Human Anatomy
14. The Invention of the Printing Press and Its Impact on Medicine
15. Paracelsus and the Birth of Chemical Medicine
16. The Development of Surgery in the Middle Ages
17. The Introduction of the Scientific Method in Medicine
18. William Harvey and the Circulatory System
19. Edward Jenner and the First Smallpox Vaccine
20. The Role of Women in Medieval Medicine
21. The Emergence of Medical Ethics: The Hippocratic Oath

5.1.2 Model assignments (assessment tool - Interview) to assess the development of the competency YK-5:

1. The Impact of the Enlightenment on Medical Thought
2. The Germ Theory of Disease: Pasteur and Koch
3. The Development of Anesthesia
4. The Evolution of Hospitals in Medieval Europe
5. The Rise of Nursing as a Profession
6. The Discovery of X-rays by Wilhelm Conrad Röntgen
7. The Development of Antibiotics: Alexander Fleming
8. The Impact of World War I on Medical Advances
9. The Origins of Public Health in 19th Century Britain
10. The Role of Vaccination in Disease Prevention
11. The History of Mental Health Treatment
12. The Evolution of Medical Education
13. The Role of Medical Illustrations and Texts
14. The Discovery of Blood Groups: Karl Landsteiner
15. The Impact of the Industrial Revolution on Medicine
16. The Formation of the World Health Organization (WHO)
17. The Medicalization of Society in the 20th Century
18. The History of Medical Ethics: From Hippocrates to Today
19. The Legacy of Florence Nightingale
20. The Beginnings of Epidemiology: John Snow
21. The Role of Technology in Modern Medicine

Assessment criteria (assessment tool — Interview)

Grade	Assessment criteria
pass	The minimum acceptable level of knowledge. A lot of rough mistakes have been made.
fail	The level of knowledge is below the minimum requirements. There were gross mistakes.

5.1.3 Model assignments (assessment tool - Report) to assess the development of the competency YK-4:

Plan of response to the report: 1. Introduction 2. Brief summary of the report 3. Strengths of the report 4. Critical analysis 5. Practical application 6. Conclusion

1. The History of Organ Transplantation
2. The Impact of Genetics on Medicine: Gregor Mendel
3. The Evolution of Diagnostic Tools and Techniques
4. The Fight Against Infectious Diseases in the 20th Century
5. The Relationship Between Medicine and Politics
6. The Influence of Alternative Medicine Throughout History
7. The History of Pain Management
8. The Development of Preventive Medicine
9. The Role of the Military in Medical Advancements
10. The History of Medical Research Ethics
11. The Evolution of Medical Specialties
12. The Role of Philanthropy in Advancing Medical Research
13. The Influence of Culture on Medical Practices
14. The Discovery of Vitamins and Their Importance
15. The History of Tobacco and Health Awareness
16. The Transition from Homeopathy to Conventional Medicine
17. The Importance of Anesthesia in Surgery
18. The History of Diabetes and Insulin Treatment
19. The Impact of Social Movements on Public Health
20. The Contributions of Black Physicians in History
21. The Role of Medical Journals in The Progress of Medicine

5.1.4 Model assignments (assessment tool - Report) to assess the development of the competency YK-5:

1. Plan of response to the report: 1. Introduction 2. Brief summary of the report 3. Strengths of the report 4. Critical analysis 5. Practical application 6. Conclusion
 1. The History of the Stethoscope
 2. The Evolution of Medical Imaging Technologies
 3. The Development of Emergency Medicine
 4. The Role of Herbal Medicine in History
 5. The Discovery of Hormones and Their Functions
 6. The Impact of Globalization on Public Health
 7. The History of Cancer Treatment
 8. The Role of Medical Conferences in Sharing Knowledge
 9. The Relationship Between Medicine and Religion
 10. The Role of Women in the Evolution of Nursing

- 11.The Significance of Medical Literature and Poetry
- 12.The Discovery and Treatment of HIV/AIDS
- 13.The Role of Genetics in Modern Medicine
- 14.The Development of Telemedicine
- 15.The Impact of Climate Change on Health
- 16.The History of the Medical Profession in Ancient Rome
- 17.The Evolution of Pediatric Medicine
- 18.The Importance of Nutrition in Historical Medicine
- 19.The History of Sleep Medicine
- 20.The Impact of the Internet on Medical Information Access
- 21.The Role of Community Health Workers

Assessment criteria (assessment tool — Report)

Grade	Assessment criteria
pass	The minimum acceptable level of knowledge. A lot of rough mistakes have been made.
fail	The level of knowledge is below the minimum requirements. There were gross mistakes.

5.1.5 Model assignments (assessment tool - Test) to assess the development of the competency YK-4:

1. *Who is known as the "Father of Medicine"?*

- A) Hippocrates
- B) Galen
- C) Avicenna
- D) Aristotle

Correct Answer: A

2. *Which ancient civilization is known for its contributions to early medical practices, including surgery?*

- A) Egyptians
- B) Romans
- C) Chinese
- D) Greeks

Correct Answer: A

3. *What was the name of the text written by Galen that compiled much of the medical knowledge of his time?*

- A) Canon of Medicine
- B) Hippocratic Corpus
- C) De Materia Medica
- D) On the Natural Faculties

Correct Answer: D

4. *In what century did the Black Death plague Europe, leading to significant changes in medical practices?*

- A) 12th century
- B) 14th century
- C) 16th century
- D) 18th century

Correct Answer: B

5. *What did Edward Jenner develop in the late 18th century that significantly impacted public health?*

- A) Anesthesia
- B) Vaccination for smallpox
- C) Antibiotics
- D) The stethoscope

Correct Answer: B

6. *Which physician is known for articulating the principles of surgery and anatomy through human dissection during the Renaissance?*

- A) Andreas Vesalius
- B) William Harvey
- C) Thomas Sydenham
- D) Ambroise Paré

Correct Answer: A

7. *What is the significance of Avicenna's "The Canon of Medicine"?*

- A) It was a comprehensive guide on surgical techniques.
- B) It introduced the germ theory of disease.
- C) It synthesized and preserved Greek and Roman medical knowledge.
- D) It was the first book on psychiatry.

Correct Answer: C

8. *Who discovered the circulation of blood through the body in the 17th century?*

- A) Hippocrates
- B) William Harvey
- C) Claude Bernard
- D) Antonie van Leeuwenhoek

Correct Answer: B

9. *What medical advancement is attributed to anesthesia in the mid-19th century?*

- A) First heart transplant
- B) Modern surgical practices
- C) The invention of the microscope
- D) Antibiotic development

Correct Answer: B

10. *What did Florence Nightingale significantly contribute to during the 19th century?*

- A) Surgery
- B) Nursing and sanitation
- C) Psychiatry
- D) Medical research

Correct Answer: B

11. *Which disease did Louis Pasteur's germ theory help to eliminate through vaccination?*

- A) Cholera
- B) Tuberculosis
- C) Plague
- D) Smallpox

Correct Answer: A

12. *What major social movement in the early 20th century influenced public health policies and medical practices?*

- A) The Industrial Revolution
- B) The Enlightenment
- C) The Civil Rights Movement
- D) The Women's Suffrage Movement

Correct Answer: A

13. Who is known for developing the first effective treatment for syphilis in the early 20th century?

- A) Paul Ehrlich
- B) Alexander Fleming
- C) Robert Koch
- D) Emil von Behring

Correct Answer: A

14. Which groundbreaking surgical technique was first performed by Joseph Lister in the 19th century?

- A) Heart bypass
- B) Organ transplantation
- C) Aseptic surgery
- D) Laparoscopic surgery

Correct Answer: C

15. What was the main focus of public health efforts during the 19th century?

- A) Vaccination
- B) Sanitation and hygiene
- C) Surgery
- D) Anatomy

Correct Answer: B

16. Which physician is known for his work on public health and epidemiology, particularly in relation to cholera?

- A) John Snow
- B) Edward Jenner
- C) Louis Pasteur
- D) Robert Koch

Correct Answer: A

17. What medical invention is Robert Koch credited with developing?

- A) X-ray
- B) Stethoscope
- C) Culture plate
- D) Electrocardiogram

Correct Answer: C

18. In which century was the first hospital established?

- A) 2nd century BCE
- B) 1st century CE
- C) 4th century CE
- D) 6th century CE

Correct Answer: A

19. Who was the first woman to receive a medical degree in the United States?

- A) Elizabeth Blackwell
- B) Mary Edwards Walker
- C) Florence Nightingale
- D) Virginia Apgar

Correct Answer: A

20. What theory in medicine was widely accepted until the 19th century, positing that disease was caused by an imbalance of bodily fluids?

- A) Germ theory
- B) Miasma theory
- C) Humoral theory
- D) Cellular theory

Correct Answer: C

21. Which of the following medical fields was significantly advanced by the study of anatomy during the Renaissance?

- A) Psychiatry
- B) Obstetrics
- C) Surgery
- D) General practice

Correct Answer: C

5.1.6 Model assignments (assessment tool - Test) to assess the development of the competency YK-5:

1. What was the primary cause of the 1918 influenza pandemic?

- A) Bacteria
- B) Virus
- C) Miasma
- D) Fungi

Correct Answer: B

2. Which famous artist also contributed to the study of human anatomy through his drawings?

- A) Michelangelo
- B) Leonardo da Vinci
- C) Raphael
- D) Caravaggio

Correct Answer: B

3. What surgical instrument is Joseph Lister known for popularizing during surgical procedures?

- A) Scalpels
- B) Hemostatic forceps
- C) Antiseptic agents
- D) Needle holder

Correct Answer: C

4. Which medical school is considered the oldest in the world?

- A) University of Salerno
- B) University of Bologna
- C) University of Paris
- D) University of Oxford

Correct Answer: A

5. Who was responsible for identifying the cause of anthrax and tuberculosis?

- A) Paul Ehrlich
- B) Louis Pasteur
- C) Robert Koch
- D) Edward Jenner

Correct Answer: C

6. What significant medical advancement was made by Paul Ehrlich in the early 20th century?

- A) Discovery of penicillin
- B) Development of the first antiseptic
- C) Development of chemotherapy
- D) Creation of vaccines

Correct Answer: C

7. In which century did the first successful organ transplant occur?

- A) 18th century
- B) 19th century
- C) 20th century

- D) 21st century

Correct Answer: C

8. *Who is credited with discovering the first antibiotic, penicillin, in 1928?*

- A) Joseph Lister
- B) Marie Curie
- C) Alexander Fleming
- D) Robert Koch

Correct Answer: C

9. *What major public health achievement occurred in the 20th century concerning infectious diseases?*

- A) The eradication of malaria
- B) Development of antibiotics
- C) Control of smallpox
- D) Elimination of tuberculosis

Correct Answer: C

10. *Which theory replaced the humoral theory and changed the understanding of disease causation?*

- A) Miasma theory
- B) Germ theory
- C) Cellular theory
- D) Psychological theory

Correct Answer: B

11. *Who introduced the concept of asepsis in surgery?*

- A) Ignaz Semmelweis
- B) Joseph Lister
- C) Florence Nightingale
- D) Edward Jenner

Correct Answer: B

12. *Which major advancement in medical imaging technology was developed in the 20th century?*

- A) MRI
- B) X-ray
- C) Ultrasound
- D) CT scan

Correct Answer: B

13. *Who developed the first vaccine against rabies?*

- A) Edward Jenner
- B) Louis Pasteur
- C) Robert Koch
- D) Albert Calmette

Correct Answer: B

14. *Which medical pioneer is known for emphasizing hand hygiene in preventing disease transmission?*

- A) Joseph Lister
- B) Ignaz Semmelweis
- C) Florence Nightingale
- D) Louis Pasteur

Correct Answer: B

15. *What major public health initiative emerged in the late 20th century to address the AIDS crisis?*

- A) Vaccination programs
- B) Safe sex education
- C) Antiviral medications
- D) Blood screening

Correct Answer: B

16. *The discovery of insulin for diabetes treatment is credited to which scientists?*

- A) Watson and Crick
- B) Banting and Best
- C) Fleming and Florey
- D) Ehrlich and Morgenroth

Correct Answer: B

17. *Who is known for founding modern epidemiology and studying the cholera outbreak in London?*

- A) John Snow
- B) Florence Nightingale
- C) Ignaz Semmelweis
- D) Louis Pasteur

Correct Answer: A

18. *What significant practice did Florence Nightingale advocate for in nursing during the Crimean War?*

- A) Advanced surgical techniques
- B) Improved sanitation and hygiene
- C) Medications and treatments
- D) Patient record-keeping

Correct Answer: B

19. *Who was the first to use ether as an anesthetic in surgery?*

- A) Horace Wells
- B) William Morton
- C) Joseph Lister
- D) Ignaz Semmelweis

Correct Answer: B

20. *What discovery did Antonie van Leeuwenhoek contribute to the field of medicine?*

- A) The structure of DNA
- B) The existence of microorganisms
- C) The first vaccine
- D) Blood circulation

Correct Answer: B

21. *What major breakthrough occurred in surgery during the 20th century?*

- A) Introduction of anesthesia
- B) Open-heart surgery
- C) Organ transplantation
- D) Minimally invasive techniques

Correct Answer: B

Assessment criteria (assessment tool — Test)

Grade	Assessment criteria
pass	The minimum acceptable level of knowledge. A lot of rough mistakes have been made.
fail	The level of knowledge is below the minimum requirements. There were gross mistakes.

5.2. Description of scales for assessing learning outcomes in the discipline during interim certification

Шкала оценивания сформированности компетенций

Уровень сформированности компетенций (индикатора достижения компетенций)	плохо	неудовлетворительно	удовлетворительно	хорошо	очень хорошо	отлично	превосходно
	не зачтено		зачтено				
<u>Знания</u>	Отсутствие знаний теоретического материала. Невозможность оценить полноту знаний вследствие отказа обучающегося от ответа	Уровень знаний ниже минимальных требований. Имели место грубые ошибки	Минимально допустимый уровень знаний. Допущено много негрубых ошибок	Уровень знаний в объеме, соответствующем программе подготовки. Допущено несколько негрубых ошибок	Уровень знаний в объеме, соответствующем программе подготовки. Допущено несколько несущественных ошибок	Уровень знаний в объеме, соответствующем программе подготовки. Ошибок нет.	Уровень знаний в объеме, превышающем программу подготовки.
<u>Умения</u>	Отсутствие минимальных умений. Невозможность оценить наличие умений вследствие отказа обучающегося от ответа	При решении стандартных задач не продемонстрированы основные умения. Имели место грубые ошибки	Продemonстрированы основные умения. Решены типовые задачи с негрубыми ошибками. Выполнены все задания, но не в полном объеме	Продemonстрированы все основные умения. Решены все основные задачи с негрубыми ошибками. Выполнены все задания в полном объеме, но некоторые с недочетами	Продemonстрированы все основные умения. Решены все основные задачи. Выполнены все задания в полном объеме, но некоторые с недочетами.	Продemonстрированы все основные умения. Решены все основные задачи с отдельными несущественными недочетами, выполнены все задания в полном объеме	Продemonстрированы все основные умения. Решены все основные задачи. Выполнены все задания, в полном объеме без недочетов
<u>Навыки</u>	Отсутствие базовых навыков. Невозможность оценить наличие навыков вследствие отказа обучающегося от ответа	При решении стандартных задач не продемонстрированы базовые навыки. Имели место грубые ошибки	Имеется минимальный набор навыков для решения стандартных задач с некоторыми недочетами	Продemonстрированы базовые навыки при решении стандартных задач с некоторыми недочетами	Продemonстрированы базовые навыки при решении стандартных задач без ошибок и недочетов	Продemonстрированы навыки при решении нестандартных задач без ошибок и недочетов	Продemonстрирован творческий подход к решению нестандартных задач

Scale of assessment for interim certification

Grade		Assessment criteria
pass	outstanding	All the competencies (parts of competencies) to be developed within the discipline have been developed at a level no lower than "outstanding", the knowledge and skills for the relevant competencies have been demonstrated at a level higher than the one set out in the programme.

	excellent	All the competencies (parts of competencies) to be developed within the discipline have been developed at a level no lower than "excellent",
	very good	All the competencies (parts of competencies) to be developed within the discipline have been developed at a level no lower than "very good",
	good	All the competencies (parts of competencies) to be developed within the discipline have been developed at a level no lower than "good",
	satisfactory	All the competencies (parts of competencies) to be developed within the discipline have been developed at a level no lower than "satisfactory", with at least one competency developed at the "satisfactory" level.
fail	unsatisfactory	At least one competency has been developed at the "unsatisfactory" level.
	poor	At least one competency has been developed at the "poor" level.

5.3 Model control assignments or other materials required to assess learning outcomes during the interim certification with the criteria for their assessment:

5.3.1 Model assignments (assessment tool - Report) to assess the development of the competency YK-4

- Plan of response to the report: 1. Introduction 2. Brief summary of the report 3. Strengths of the report 4. Critical analysis 5. Practical application 6. Conclusion
- The Development of Palliative Care
- The History of Sexual Health and Education
- The Role of Technology in Disease Prevention
- The Contributions of Female Medical Pioneers
- The History of Public Health Campaigns
- The Impact of Political Policies on Healthcare Access
- The Treatment of Infectious Diseases Through History
- The Importance of Clinical Trials in Medicine
- The Role of Cultural Competency in Healthcare
- The History of Medical Discrimination and Its Impact
- The Development of Health Insurance Systems
- The History of Global Health Initiatives
- The Role of Research Institutions in Advancing Medicine
- The Influence of Philosophy on Medical Ethics
- The Future of Medicine: Trends and Technologies
- Anthropogenesis and sociogenesis.
- The development of abstract thinking and speech (late Paleoanthropists).
- The emergence of the first slave-owning civilizations: in Mesopotamia and Egypt (4-3 millennium BC), India (mid-3rd millennium BC), China (2nd millennium BC), the Eastern Mediterranean (3-2 millennium BC) and America (1st millennium AD).
- The development of clinical medicine.
- Pharmacies and pharmacy business.
- Permanent medical education.

Assessment criteria (assessment tool — Report)

Grade	Assessment criteria
pass	The minimum acceptable level of knowledge. A lot of rough mistakes have been made.
fail	The level of knowledge is below the minimum requirements. There were gross mistakes.

5.3.2 Model assignments (assessment tool - Control questions) to assess the development of the competency УК-5

1. The History of Medical Devices
2. The Development of Medical Law
3. The Role of Ethnobotany in Traditional Medicine
4. The Influence of the Spanish Flu on Modern Medicine
5. The History of CPR and Resuscitation Techniques
6. The Role of Genetic Engineering in Medicine
7. The Impact of Aging on Medical Care
8. The History of Medical Anthropology
9. The Ethics of Human Experimentation
10. The Influence of Music Therapy in Medical History
11. The History of Medical Quackery
12. The Role of Psychology in Medicine
13. The Evolution of Pain Management Techniques
14. The Contribution of Indigenous Medicine to Global Health
15. The History of Respiratory Therapy
16. The Development of Health Communications
17. The Role of Social Determinants of Health
18. The Influence of Biostatistics on Medicine
19. The History of Cardiology: From Ancient Times to Modern Day
20. The Influence of the Media on Health Perceptions
21. The Role of Physicians During Pandemics

Assessment criteria (assessment tool — Control questions)

Grade	Assessment criteria
pass	The minimum acceptable level of knowledge. A lot of rough mistakes have been made.
fail	The level of knowledge is below the minimum requirements. There were gross mistakes.

6. Учебно-методическое и информационное обеспечение дисциплины (модуля)

Основная литература:

1. История медицины / Лисицын Ю.П. - Москва : ГЭОТАР-Медиа, 2022.,
<https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=791038&idb=0>.
2. History of Medicine and Public Health : training manual / Sc.D. ,Kalinin A. G.,Postoev V.

- A.,Cand.Sc. ,PhD . - Архангельск : СГМУ, 2021. - 120 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-430-1., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830034&idb=0>.
3. Lisitsyn Yu.P. History of Medicine : учебник / Lisitsyn Yu.P. - Москва : ГЭОТАР-Медиа, 2020. - 352 с. - ISBN 978-5-9704-5445-9., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=735417&idb=0>.
4. History of Medicine and Public Health : training manual / Sc.D. ,Kalinin A. G.,Postoev V. A.,Cand.Sc. ,PhD . - Архангельск : СГМУ, 2021. - 120 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-430-1., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830034&idb=0>.
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7. Lisitsyn Yu.P. History of Medicine : учебник / Lisitsyn Yu.P. - Москва : ГЭОТАР-Медиа, 2020. - 352 с. - ISBN 978-5-9704-5445-9., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=735417&idb=0>.
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9. Lisitsyn Yu.P. History of Medicine : учебник / Lisitsyn Yu.P. - Москва : ГЭОТАР-Медиа, 2020. - 352 с. - ISBN 978-5-9704-5445-9., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=735417&idb=0>.
10. History of Medicine and Public Health : training manual / Sc.D. ,Kalinin A. G.,Postoev V. A.,Cand.Sc. ,PhD . - Архангельск : СГМУ, 2021. - 120 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-430-1., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830034&idb=0>.
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13. History of Medicine and Public Health : training manual / Sc.D. ,Kalinin A. G.,Postoev V. A.,Cand.Sc. ,PhD . - Архангельск : СГМУ, 2021. - 120 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-430-1., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830034&idb=0>.
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17. Lisitsyn Yu.P. History of Medicine : учебник / Lisitsyn Yu.P. - Москва : ГЭОТАР-Медиа, 2020. - 352 с. - ISBN 978-5-9704-5445-9., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=735417&idb=0>.
18. Lesley Bolton, Editor. The History of Medicine and Healthcare: Selected Papers. - Cambridge Scholars Publishing, 2021. - 1 online resource. - ISBN 9781527567702. - ISBN 9781527564909. - Текст : электронный., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=858166&idb=0>.
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Дополнительная литература:

1. История медицины (краткий курс) : учебно-методическое пособие / Романюк В. П.,Самодова И. Л.,Мариничева Г. Н.,Филатов В. Н. - Санкт-Петербург : СЗГМУ им. И.И. Мечникова, 2019. - 104 с. - Книга из коллекции СЗГМУ им. И.И. Мечникова - Медицина., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=804601&idb=0>.
2. History of Russian Medicine : training manual / D.Sc. ,Kalinin A. G.,D.Sc. ,Sannikov A. L. - Архангельск : СГМУ, 2022. - 98 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-431-8., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830035&idb=0>.
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4. History of Russian Medicine : training manual / D.Sc. ,Kalinin A. G.,D.Sc. ,Sannikov A. L. - Архангельск : СГМУ, 2022. - 98 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-

- 431-8., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830035&idb=0>.
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8. History of Russian Medicine : training manual / D.Sc. ,Kalinin A. G.,D.Sc. ,Sannikov A. L. - Архангельск : СГМУ, 2022. - 98 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-431-8., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830035&idb=0>.
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16. History of Russian Medicine : training manual / D.Sc. ,Kalinin A. G.,D.Sc. ,Sannikov A. L. - Архангельск : СГМУ, 2022. - 98 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-431-8., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830035&idb=0>.
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18. History of Russian Medicine : training manual / D.Sc. ,Kalinin A. G.,D.Sc. ,Sannikov A. L. - Архангельск : СГМУ, 2022. - 98 с. - Книга из коллекции СГМУ - Медицина. - ISBN 978-5-91702-431-8., <https://e-lib.unn.ru/MegaPro/UserEntry?Action=FindDocs&ids=830035&idb=0>.
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Программное обеспечение и Интернет-ресурсы (в соответствии с содержанием дисциплины):

ЭБС «Юрайт». Режим доступа: <http://biblio-online.ru>.

ЭБС «Консультант студента». Режим доступа: <http://www.studentlibrary.ru>.

ЭБС «Лань». Режим доступа: <http://e.lanbook.com/>.

ЭБС «Znaniyum.com». Режим доступа: www.znaniyum.com.

7. Материально-техническое обеспечение дисциплины (модуля)

Учебные аудитории для проведения учебных занятий, предусмотренных образовательной программой, оснащены мультимедийным оборудованием (проектор, экран), техническими средствами обучения, специализированным оборудованием: Classrooms for lecture-type classes, course design (course work), ongoing monitoring and intermediate certification, group and individual consultations, are equipped with specialized furniture and technical training facilities (demonstration equipment - a projector, laptop, screen). A room for students to work independently, equipped with a set of furniture, demonstration equipment (screen, projector), a personal computer with Internet access and access to the electronic information and educational environment of UNN.

Помещения для самостоятельной работы обучающихся оснащены компьютерной техникой с возможностью подключения к сети "Интернет" и обеспечены доступом в электронную информационно-образовательную среду.

Программа составлена в соответствии с требованиями ФГОС ВО по направлению подготовки/специальности 31.05.01 - General Medicine.

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Заведующий кафедрой: Шарабрин Евгений Георгиевич, доктор медицинских наук.

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