



MEDICAL UNIVERSITY
“PROF. PARASKEV STOYANOV, MD” - VARNA
FACULTY OF DENTAL MEDICINE

Approved with Protocol of the Faculty Council № 46/16.02.2022

APPROVED BY
DEAN
/Prof. Stefan Peev, MD, DcS/



TUITION PROGRAMME

In

“SOCIAL MEDICINE AND MEDICAL ETHICS”

Specialty: “DENTAL MEDICINE”

Discipline – Compulsory

Educational Degree: “Master”

Professional qualification: “DOCTOR OF DENTAL MEDICINE”

Type of classes	Semester	Workload hours per week	Workload total
Lectures	IV	2	30
Seminars	IV	2	30
Total hours	IV		60
Forms of control			Exam IV Semester
Credits (ECTS)	IV		3
Extracurricular activity	IV	1	30

Varna, 2022

Annotation

The **Social Medicine module** is aimed at introducing the dental students to the main characteristics and modern tendencies in public health as well as to the methods and indicators of its study and assessment. The basic techniques of demographic analysis are presented. Students become familiar with the sources of data available for demographic research, main parameters of statics and dynamics of population movement and comparability across populations. Emphasis is placed on the modern concepts of health and the social determinants of health and disease.

The teaching in Medical Ethics reveals the ethical dimensions of decision-making activities in health care practices. The objectives of the course are to present a panoramic view of ethical problems in contemporary medical and public health practice, to sharpen sensitivity to problematic issues in health care and to encourage good judgment and competent problem solving. The course focuses on: ethical principles guiding medical and dental practice and the 'physician-patient relationship'; ethical reasoning in health care; justice in the access to health care and the allocation of scarce resources.

Forms of teaching, monitoring and evaluation:

The course includes lectures and seminars, including case studies.

Monitoring and evaluation is done through current control and semester examination - written exams (test) and discussion of ethical case studies.

Content of module

Module 1. Social Medicine

Lectures:

No	Title	Academic hours
1.	Modern concepts of health – definitions, models and dimensions. Determinants of health and disease. Inequalities in health.	1
2.	Medical demography – essence, terminology and indicators. Measuring population change. Sources of demographic data. Demographic transition.	2
3.	Population size and growth and population distribution by major characteristics – health aspects and application. Types of age/gender population composition. Population pyramids World trends and projections.	2
4.	Population ageing. Measurement, impacts and trends. International comparison.	2
5.	Natural flow of the population. Fertility and reproduction – measurement, characteristics, trends and medico-social aspects. International comparison. Birth registration.	2
6.	Mortality - measurement, characteristic, trends and medico-social aspects. International comparison. Death registration, death certificate.	2
7.	Infant and maternal mortality - measurement, characteristic, trends and medico-social aspects. International comparison.	2
8.	Life expectancy at birth. Definitions, international comparison, trends and impacts. Complex indicators for measuring population health and global burden of disease.	2
TOTAL		15

Seminars:

No	Title	Academic hours
1.	Determinants of health – main groups and impacts. Social determinants of health. Inequalities in health.	2
2.	Population size and growth – health aspects and application. Trends and comparative analysis. (data interpretation)	2
3.	Population distribution by major characteristics – health aspects and application. Types of age/gender population structures. Population pyramids. Trends and comparative analysis. (data interpretation)	2
4.	Population ageing – measurement, impacts and trends. Comparative analysis. (data interpretation)	2
5.	Fertility - indicators, data and trends. Birth registration. International comparisons (data interpretation).	2
6.	Mortality – indicators, data and trends. Death registration, death certificate. International comparisons (data interpretation).	2

7.	Infant and maternal mortality. Life expectancy at birth. Indicators, data and trends. International comparisons (data interpretation). Complex indicators for measuring population health and global burden of disease.	3
TOTAL		15

Module 2. Medical Ethics

Lectures:

No	Title	Academic hours
1.	Introduction to medical ethics. Contemporary developments in clinical, research and health care ethics. Ethics and morality – mechanisms of regulation and functioning. The possibility of solving moral dilemmas through rational argumentation and dialogue.	2
2.	Teleological ethical theories. Utilitarianism. Situational ethics. Deontological theories. Kant's "Categorical imperative". Advantages and shortcomings in medical context of different ethical theories. The concept of "rights". Positive and negative rights. Possible conflicts.	3
3.	The concept of "autonomy" and the principle of "autonomy" in medical context. Autonomy and paternalism. Informed consent and informed refusal of treatment.	3
4.	The concept of "harm". Non-maleficence as an ethical principle guiding medical practice. Commissions and omissions. Malpractice. Standards of "due-care"	2
5.	The principle of beneficence. Utility as balance of costs, risks and benefits. Proxy decision-making.	2
6.	The principle of justice. Concepts and criteria. Comperative justice and allocation of scarce resources in public health.	3
TOTAL		15

Seminars:

No	Title	Academic hours
1.	Physician-patient relationship – the rule of veracity and withholding medical information from the patient. Arguments and recommended practices. Case studies.	2
2.	Physician-patient relationship. Confidentiality and privacy in dental practice. Justified exceptions from confidentiality and fuzzy areas. Case studies.	2
3.	Decisions about death. Active and passive euthanasia. Arguments about justifications. Ethical norms and legal practices. The right to palliative care. Case studies.	2
4.	Models in health care. Health care policies and priorities. Case studies.	2

5.	Patient's rights. Possible conflicts of rights in dental practice. Case studies.	1
6.	Ethical problems in allocation of scarce resources in the health care system on macro-and micro level. Dental practice and just allocation of resources. Case studies.	2
7.	Moral choices in human reproduction. Contraception, Sterilization, Abortion. Assisted reproduction. In vitro fertilization. Surrogate motherhood. Ethical and legal aspects. Case studies.	2
8.	Ethical issues in transplantation medicine. Case studies.	2
	TOTAL	15

Literature:

1. Detels, Roger; Beaglehole, Robert; Lansang, Mary Ann; Gulliford, Martin. Oxford Textbook of Public Health. 5th edition. Oxford University Press, 2011.
2. Lectures and materials placed in the Blackboard platform of MU - Varna.
3. Steinbock B. The Oxford Handbook of Bioethics. Oxford University Press, 2007.
4. Beauchamp T. L., Chidress J. F., Principles of Biomedical Ethics. 7th ed. New York: Oxford University Press, 2012.
5. A Guide to Ethical Decision Making. 2nd ed. Blackwell Publishing, 2003.
6. Rule, James T. and Veatch, Robert M., Ethical Questions in Dentistry, 2nd Edition, Quintessence Pub Co; 2nd edition, 2004.
7. Kuhse Helga, Singer Peter, A companion to Bioethics, 2nd Edition, Wiley-Blackwell, 2012.

Examination Synopsis

SOCIAL MEDICINE

1. Social Medicine – as a scientific discipline: subject, fields and methods of study; development and significance.
2. Health and disease as fundamental categories in medicine. Models, dimensions and definitions of health.
3. Determinants of health. Main groups and impact. Social determinants of health. Inequalities in health.
4. Medical demography – essence, terminology and indicators. Measuring population change. Sources of demographic data. Demographic transition.
5. Population size and growth. World trends and projections. Population distribution by major characteristics – health aspects and application. Types of age/gender population composition. Population pyramids.
6. Population ageing – measurement, impacts and trends. International comparison.
7. Migration. Types and modern trends of migration flows. Health impacts of migration.
8. Natural flow of the population. Fertility and reproduction – measurement, characteristics, trends and medico-social aspects. International comparison. Birth registration.
9. Mortality - measurement, characteristic, trends and medico-social aspects. International comparison. Death registration, death certificate.
10. Infant and maternal mortality - measurement, characteristic, trends and medico-social aspects. International comparison.
11. Life expectancy at birth. Indicators, data and trends. International comparisons. Complex indicators for measuring population health and global burden of disease.

MEDICAL ETHICS

12. Contemporary developments in clinical, research and health care ethics.
13. Moral dilemmas and moral reasoning. Moral and non-moral action guides.
14. Teleological ethical theories. Utilitarianism. Situational ethics. Advantages and limitations.
15. Deontological theories. Kant's "Categorical imperative". Advantages and limitations.
16. The concept of "rights". Human rights in medical context. Positive and negative rights. Patient's rights.
17. The concept of "autonomy" and the principle of "autonomy" in medical context. Autonomy and paternalism. Informed consent and informed refusal of treatment.
18. The concept of "harm". Non-maleficence as an ethical principle guiding medical practice. Commissions and omissions. Malpractice. Standards of "due-care".
19. The principle of beneficence. Utility as balance of costs, risks and benefits. Proxy decision-making.
20. Physician-patient relationship – the rule of veracity and withholding medical information from the patient. Arguments and recommended practices.
21. Physician-patient relationship. Confidentiality and privacy. Justified exceptions from confidentiality and fuzzy areas.
22. Decisions about death. Active and passive euthanasia. Arguments about justifications. Ethical norms and legal practices. The right to palliative care.
23. The principle of justice. Concepts and criteria. Comparative justice and the access to health care. Models in health care. Ethical problems in allocation of scarce resources in the health care system on macro-and micro level.
24. Moral choices in human reproduction. In vitro fertilization. Surrogate motherhood. Ethical and legal aspects.
25. Ethical issues in transplantation medicine.

Approved by a decision of the Council of the Department of Social Medicine and Healthcare Organization

Protocol № 2 / 25.01.2022

Approved by a decision of the Council of the Faculty of Dental Medicine

Protocol №

Programme developed by:



/Prof. A. Kerekovska, MD, PhD/ /Chief Assist. Prof. M. Mirchev, PhD/

Head of Department of Social Medicine and Healthcare Organisation



/Assoc. prof. N. Usheva, MD, PhD/