



Некоммерческое образовательное учреждение
Учебно-научно-производственный комплекс
«Международный университет Кыргызстана»

Система менеджмента качества
Учебно-методический комплекс дисциплины «Урология»
ООП «Лечебное дело» МШМ МУК

**International University of Kyrgyzstan
International School of Medicine
Department of “Surgery”**



“APPROVED”

Vice-rector for academic and
administrative affairs
prof. Musa kyzy Alina

“ 8 September 2021

**ACADEMIC-METHODOLOGICAL COMPLEX
OF THE DISCIPLINE**

“Urology”

main educational program

specialty of **General Medicine (for foreign citizens)**

graduate qualification: general practitioner

Bishkek 2021



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THE WORK PROGRAM OF THE DISCIPLINE
"Urology"

main educational program

specialty of **General Medicine (for foreign citizens)**

graduate qualification: general practitioner

Full-time education

Course	3,4
Semester	5,7
Credit / Exam (semester)	5,7
Total credits for curriculum	5sem-10h, 7sem-72h
Total curriculum hours	72

Work program developer:

Nazaraliev M.T.

(Full name)

Reviewed and approved at a meeting of
the department Surgery

Minutes No. 1 from " 6 " September 2021.

Head of the Department,

Candidate of Medical Sciences,

acting associate prof. Alymkulov M.Ch

M. [Signature] (signature)

Bishkek 2021



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ООП «Лечебное дело» МШМ МУК

The work program is agreed with the academic and methodological sector of the ISM,

Chairman of the AMD Otokova A.A.
(Full name)

[Signature]
(signature)

« 08 » September 2021

The work program is agreed with the head of the main educational program in the direction / specialty _____

(code, name of the specialty/direction)

Head of the MEP Azimova B.R.
(Full name)

[Signature]
(signature)

« 08 » September 2021

External review given by Kyrgyz State Medical Academy
Department of Urology Ass. prof. C.M.S. Stambanova K.
(place of work, position, academic degree, academic title, full name)


« 10 » 09 2021 (the review is attached)

The work program is agreed with the ISM "IUK" Quality and Monitoring Department

Head of the QMD /AMD Khalilova M.B.
(Full name)

[Signature]
(signature)

« 08 » September 2021

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	Quality Management System Educational-methodical complex of the discipline "Urology" "General Medicine" IUK ISM

1. The work program of the academic discipline

1.1.Explanatory note

Mission of MShM MUK-*training of competent specialists in the field of medicine, corresponding to international standards and traditions of medical ethics, ready for continuous professional growth using modern achievements of science and practice, to solve public health problems.*

Annotation of the academic discipline

The field of clinical medicine studying etiology, pathogenesis, diagnostics organ diseases urinary system, reproductive system and other pathological processes in retroperitoneal space and developing methods for their treatment and prevention...

Urology - surgical discipline, branch surgery... Therefore, unlike nephrology, urology deals mainly with the issues of surgical treatment of diseases of the above organs and systems.

A modern doctor, in his practical activities, needs orientation in the main issues of urology, knowledge of issues of urgent diagnosis of acute inflammatory diseases and injuries, the ability to provide emergency assistance in various serious conditions. The acquisition of the skills of clinical, laboratory and instrumental examination of the patient, knowledge of the main syndromes greatly facilitates the subsequent development of other sections of clinical medicine.


The purpose and objectives of the discipline

The purpose of the discipline

- Formation of students' knowledge, abilities and skills necessary for a future doctor. To teach the student the collection and analysis of information about the patient's health, solving practical problems of diagnosis, treatment, rehabilitation of patients and prevention of diseases, the skills of professional medical behavior, the basics of clinical thinking, medical records
- Training of a doctor with general and special competencies that contribute to his social mobility and stability in the labor market, readiness for postgraduate training with the subsequent implementation of professional medical practice in the chosen field.
- Developing students' purposefulness, organization, hard work, responsibility, communication, tolerance, improving the general culture.

Discipline objectives:

- To help students acquire knowledge based on the ability to independently study and analyze indicators characterizing the health status of various age-sex, social,

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professional and other groups of the population, measures to preserve, strengthen and restore health;

- To form the theoretical foundations and practical skills of maintaining and strengthening the health of the population, preventing diseases;
- To master the skills of introducing new effective economic and medical and social technologies into the activities of medical and preventive institutions;
- To master the methods and means of improving the functioning of health care institutions.

Place of discipline in the structure of OOP (prerequisites, postrequisites)

Discipline "Urology»Is studied by students of the specialty General Medicine (for foreign citizens) and is included in the variable part C3 of the professional block of the studied disciplines of the State Educational Institution of Higher Professional Education.

Discipline content "Urology" is based on the content of such prior disciplines as:

- pathological anatomy
- pathological physiology
- histology, embryology, cytology
- normal physiology
- pharmacology
- microbiology, virology, immunology
- general chemistry


Subsequently, the knowledge gained in the course of studying the discipline "Urology", will be necessary in the study of disciplines:

- Urology

Competencies of students, formed as a result of mastering the discipline, the planned results of mastering the discipline -

A graduate in the specialty "General Medicine" with the assignment of the qualification of a specialist "General Physician" in accordance with the State Educational Standard of Higher Professional Education and General Education and the tasks of professional activity, must have the following professional competencies:

Code	Content of competence
PC-16	is able to provide the adult population and children with first medical aid in the event of emergency and life-threatening conditions, to send patients to hospitalization in a planned and emergency manner;

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PC-17	is able to prescribe adequate treatment to patients in accordance with the diagnosis;
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Planned results of mastering the academic discipline "Urology" are determined by the competencies acquired by the student, i.e. his ability to apply knowledge, skills and personal qualities in accordance with the goals of the educational program and the tasks of professional activity:

PO8 - the ability to perform basic therapeutic measures for the most common diseases and conditions in the adult population and children, including life-threatening conditions

After mastering the discipline "Urology" student:

will know

- etiology, pathogenesis, diagnosis, treatment and prevention of the most common diseases among the population.
- The main patterns of development and life of the human body, based on the structural organization of cells, tissues and organs;
- anatomical and physiological, age-sex and individual characteristics of the structure and development of a healthy and sick person;

will be able

- to carry out prevention of common diseases;
- timely carry out early diagnosis of diseases based on clinical symptoms and syndromes, carry out differential diagnostics;
- to carry out treatment of common diseases, taking into account a person-centered approach;
- to carry out medical examination, rehabilitation, examination of the working capacity of patients with common urological diseases.


will be able to analyze

- data of physical examination of the urological patient (examination, palpation, auscultation, measurement of blood pressure, determination of the characteristics of the pulse, respiratory rate, etc.) when making a clinical diagnosis;

will be able to synthesize

- results of laboratory and functional diagnostics methods, thermometry, clinical examination data, symptoms and syndromes to identify pathological processes in the organs of the genitourinary system;

will be able to assess

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- results of laboratory, instrumental diagnostic methods in patients;
- the patient's condition, the severity of the disease.
- the use of medical devices provided for by the procedures for the provision of medical care to patients;
- peculiarities of providing medical care to the population in case of emergency conditions;
- methods of medical statistics; massive infectious and non-infectious diseases; health promotion methods; methods of disease prevention; methods of carrying out sanitary and educational work;
- clinical picture, features of the course and possible complications of the most common diseases occurring in a typical form in the population;
- classification and main characteristics of medicines, pharmacodynamics and pharmacokinetics, indications and contraindications for the use of medicines; side effects;
- methods of carrying out urgent measures and indications for hospitalization of urological patients;

1.2. Recommended educational technologies

For the development of students of the academic discipline "Urology", obtaining knowledge and forming professional competencies, the following educational technologies are used:

- lecture with elements of discussion, problem statement;
- lectures - electronic presentations;
- analysis of specific situations;
- role play "doctor - patient";
- lecture-visualization,
- problem lecture,
- lesson-conference,
- training,
- debate,
- brainstorm,
- Master Class,
- small group method,
- classes using simulators, simulators,
- computer simulation,
- analysis of clinical cases,
- situational tasks,



- preparation and protection of medical history,
- use of computer training programs,
- interactive atlases,
- attending medical conferences, consultations,
- participation in scientific and practical conferences, congresses, symposia,
- educational research work of a student,
- conducting subject Olympiads,
- preparation of written analytical works,
- preparation and defense of abstracts,

1.3. The scope of the discipline and types of educational work

According to the curriculum 2017	5sem.	7sem.	Total
			in credits
Total labor intensity	10h	72h	2
Classroom work	10h	40	
Lectures	4h	twenty	
Practical lessons	6h	twenty	
Seminars			
Laboratory works			
Independent work		32	
CPC		16	
SRSP		16	
Final control type	offset	exam	