

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION,  
MINISTRY OF SCIENCE, HIGHER EDUCATION AND INNOVATION  
OF THE KYRGYZ REPUBLIC**

Kyrgyz-Russian Slavic University  
named after the first President of the Russian Federation B.N. Yeltsin



## Endocrinology

### Abstract of the discipline (module)

Assigned to the department      **Therapies No1 (Pediatrics and Dentistry)**

Curriculum                              31.05.01 (RF), 310501\_22\_34 Id in.plx  
Specialty 560001 - KR General Medicine  
(for international students)

Qualification                            **Medical Doctor**

Form of study                            **Full-time**

The program was compiled by:      Uvaidillaeva F.T.

#### Distribution of hours of the discipline by semesters

Semester (<Course>.<Semester on the course>)	<b>8 (4.2)</b>		Total	
	17			
Type of classes	UP	WP	UP	WP
Lectures	16	16	16	16
Practical	32	32	32	32
Contact work during the period of theoretical	0,3	0,3	0,3	0,3
Including int.	3	3	3	3
Total room.	48	48	48	48
Contact work	48,3	48,3	48,3	48,3
Himself. Work	23,7	23,7	23,7	23,7
Total	72	72	72	72

### 1. OBJECTIVES OF MASTERING THE DISCIPLINE

1.1	The purpose of the discipline is to form students' fundamental knowledge, skills and abilities in the specialty of endocrinology.
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### 2. THE PLACE OF THE DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM

Cycle (section) of the PLO:	B1.O
<b>2.1</b>	<b>Requirements for the preliminary training of the student:</b>
2.1.1	Biochemistry
2.1.2	Normal physiology
2.1.3	Practicum in Physiology
2.1.4	Anatomy
2.1.5	Topographic Anatomy and Operative Surgery
2.1.6	Psychology of communication
2.1.7	Psychiatry, Medical Psychology
2.1.8	Practice in Emergency Medical Manipulations (Fundamentals of Emergency Care)
2.1.9	Latin
2.1.10	Bioethics
2.1.11	Pharmacology
2.1.12	General Surgery
2.1.13	Practical training to obtain professional skills and professional experience in the positions of paramedical personnel (Assistant procedural nurse)
2.1.14	Propaedeutics of Internal Diseases
2.1.15	Occupational diseases
2.1.16	Practical training to obtain professional skills and professional experience in the positions of paramedical personnel (Assistant ward nurse)
2.1.17	Faculty Therapy
2.1.18	Therapeutic Practice (Physician Assistant)
2.1.19	Pathological anatomy
2.1.20	Orientation Practice (General Care for Therapeutic Patients)
2.1.21	Immunology
2.1.22	Fundamentals of research work
2.1.23	Radiation diagnostics
2.1.24	Pathophysiology, clinical pathophysiology
<b>2.2</b>	<b>Disciplines and practices for which the development of this discipline (module) is necessary as a previous:</b>
2.2.1	Medical Rehabilitation
2.2.2	Sports Medicine
2.2.3	Immunoprophylaxis of infectious diseases
2.2.4	Infectious diseases
2.2.5	Practice in emergency medical manipulations (Assistant anesthesiologist - resuscitator)
2.2.6	Faculty Surgery
2.2.7	Hospital surgery
2.2.8	Anesthesiology, Resuscitation, Intensive Care
2.2.9	Surgical Profile Practice (Physician Assistant)
2.2.10	Outpatient surgery
2.2.11	Faculty Therapy
2.2.12	Hospital Therapy
2.2.13	Outpatient therapy with a course of gerontology
2.2.14	General Medical Practice (Outpatient Physician Assistant)
2.2.15	Research work
2.2.16	Family Medicine
2.2.17	Oncology, radiation therapy
2.2.18	Ophthalmology
2.2.19	Neurology, Medical Genetics, Neurosurgery

2.2.20	Gynecology
2.2.21	Outpatient Obstetrics and Gynecology
2.2.22	Clinical pathanatomy

### 3. COMPETENCIES OF THE STUDENT FORMED AS A RESULT OF MASTERING THE DISCIPLINE (MODULE)

#### OPK-5: Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems

<b>Know:</b>
Basic morphofunctional, physiological states and pathological processes in the human body;
<b>Be able to:</b>
To reveal the meaning of the main morphofunctional, physiological states and pathological processes in the human body ;
<b>Own:</b>
Skills in determining the main morphofunctional, physiological states and pathological processes in the human body

#### OPK-7: Able to prescribe treatment and monitor its efficacy and safety

<b>Know:</b>
Etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms, methods of management and treatment of patients on an outpatient basis and in a day hospital;
<b>Be able to:</b>
- To compare various types and methods of treatment of patients with different nosological forms, to develop a plan for the treatment of diseases;
<b>Own:</b>
- Skills in analyzing various types of treatment of patients with different nosological forms;

#### PC-4: Ready to collect and analyze the patient's complaints, medical history, examination results, laboratory, instrumental, pathoanatomical and other studies in order to recognize the condition or establish the presence or absence of the disease

<b>Know:</b>
- methods and means of collecting and analyzing the patient's complaints, his/her medical history, indications and contraindications for additional clinical and paraclinical research methods;
<b>Be able to:</b>
- collect and analyze the patient's complaints, his medical history.
<b>Own:</b>
- skills in collecting and analyzing the patient's complaints, his medical history, interpreting the results of the most common methods of functional diagnostics used to identify pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems;

#### PC-5: Capable of determining the main pathological conditions, symptoms, disease syndromes, nosological forms in patients in accordance with the International Statistical Classification of Diseases and Related Health Problems, X revision.

<b>Know:</b>
Main types and methods of treatment of patients with various nosological forms.
<b>Be able to:</b>
collect and analyze the patient's complaints, medical history.
<b>Own:</b>
- skills in collecting and analyzing the patient's complaints, data of his anamnesis, interpreting the results of the most common methods of functional diagnostics used to identify pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems;

#### PC-7: Able to determine the tactics of management of patients with various nosological forms

<b>Know:</b>
- Etiology, pathogenesis, clinical presentation of diseases.
<b>Be able to:</b>
- To reveal the meaning of determining the tactics of managing patients with various diseases.
<b>Own:</b>

- Skills in presenting and analyzing the etiology, pathogenesis of various clinical diseases to make a diagnosis.

**PC-8: Ready for the management and treatment of patients with various nosological forms on an outpatient and day hospital basis**

**Know:**

- Etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms.

**Be able to:**

- Correctly identify this disease.

**Own:**

- Skills in analyzing various types of treatment of patients with different nosological forms.

**PC-9: Ready to provide primary health care for sudden acute diseases, conditions, exacerbation of chronic diseases that are not accompanied by a threat to the patient's life and do not require emergency medical care**

**Know:**

- Clinical manifestations of acute and chronic diseases.

**Be able to:**

- Link symptoms, examination data and indicators of laboratory and instrumental examination methods into a single whole and make the correct diagnosis.

**Own:**

- Skills to identify signs of an acute disease or exacerbation of a chronic disease.

**PC-11: Ready to participate in the provision of emergency medical care for conditions requiring urgent medical intervention**

**Know:**

- algorithm of emergency medical care; basic medical diagnostic and therapeutic measures to provide first aid in emergency conditions requiring urgent medical intervention.

**Be able to:**

- to select an individual type of care for the treatment of the patient in accordance with the situation: first aid, ambulance, hospitalization.

**Own:**

- a set of resuscitation measures for acute respiratory and circulatory disorders, with clinical death; know modern methods of resuscitation and intensive care when providing assistance to patients and victims in critical conditions of various etiologies.

**PC-14: Capable of maintaining medical records.**

**Know:**

- List and characteristics of accounting and reporting medical documentation in medical organizations of a medical profile;

**Be able to:**

- Conduct medical and statistical analysis of health indicators of the attached population;

**Own:**

- Work skills and methods of accounting and reporting documentation of various types in medical institutions;

**As a result of mastering the discipline, the student must**

**3.1 Know:**

Basic morphofunctional, physiological states and pathological processes in the human body;

Etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms, methods of management and treatment of patients on an outpatient basis and in a day hospital;

- methods and means of collecting and analyzing the patient's complaints, his/her medical history, indications and contraindications for additional clinical and paraclinical research methods;

Main types and methods of treatment of patients with various nosological forms.

- Etiology, pathogenesis, clinical presentation of diseases.

- Etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms.

- Clinical manifestations of acute and chronic diseases.	
– algorithm of emergency medical care; basic medical diagnostic and therapeutic measures to provide first aid in emergency conditions requiring urgent medical intervention.	
- List and characteristics of accounting and reporting medical documentation in medical organizations of a medical profile;	
<b>3.2</b>	<b>Be able to:</b>
To reveal the meaning of the main morphofunctional, physiological states and pathological processes in the human body ;	
- To compare various types and methods of treatment of patients with different nosological forms, to develop a plan for the treatment of diseases;	
- collect and analyze the patient's complaints, his medical history.	
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- To reveal the meaning of determining the tactics of managing patients with various diseases.	
- Correctly identify this disease.	
- Link symptoms, examination data and indicators of laboratory and instrumental examination methods into a single whole and make the correct diagnosis.	
– to select an individual type of care for the treatment of the patient in accordance with the situation: first aid, ambulance, hospitalization.	
- Conduct medical and statistical analysis of health indicators of the attached population;	
<b>3.3</b>	<b>Own:</b>
Skills in determining the main morphofunctional, physiological states and pathological processes in the human body	
- Skills in analyzing various types of treatment of patients with different nosological forms;	
- skills in collecting and analyzing the patient's complaints, his medical history, interpreting the results of the most common methods of functional diagnostics used to identify pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems;	
- skills in collecting and analyzing the patient's complaints, data of his anamnesis, interpreting the results of the most common methods of functional diagnostics used to identify pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems;	
- Skills in presenting and analyzing the etiology, pathogenesis of various clinical diseases to make a diagnosis.	
- Skills in analyzing various types of treatment of patients with different nosological forms.	
- Skills to identify signs of an acute disease or exacerbation of a chronic disease.	
- a set of resuscitation measures for acute respiratory and circulatory disorders, with clinical death; know modern methods of resuscitation and intensive care when providing assistance to patients and victims in critical conditions of various etiologies.	
- Work skills and methods of accounting and reporting documentation of various types in medical institutions;	