

**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



Obstetrics and Gynecology Practice (Medical Assistant)

Annotation of the discipline (module)

Assigned to the	Obstetrics and Gynecology	
Curriculum	310501_21_45 ld in.plx Specialty 31.05.01. - Russian Federation, 560001 - Kyrgyz Republic General Medicine (for international students)	
Qualification	Medical Doctor	
Form of study	Full-time	
Total labor intensity	3 ZET	
Hours according to the including:	108	Types of control in semesters: Credit with a grade of 8
classroom classes	0	
independent work	36	

Distribution of hours of the discipline by semesters

Semester (<Course>.<Semester of course>)	8 (4.2)		Total	
	UP	WP	UP	WP
Weeks				
Type of classes	UP	WP	UP	WP
Contact work during the period of theoretical training	72	72	72	72
Contact work	72	72	72	72
Himself. Work	36	36	36	36
Total	108	108	108	108

1. OBJECTIVES OF MASTERING THE DISCIPLINE

1.1	The purpose of the practical training is to consolidate and deepen theoretical training, practical skills, acquire skills in the use of medical equipment and instruments, experience of independent professional activity as an assistant to a hospital doctor, through direct participation in the activities of the hospital, as well as the development of practical knowledge and skills necessary for work in the professional field. Method of conduction: stationary.
-----	---

2. THE PLACE OF THE DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM

Cycle (section) of the PLO:	B2.C
2.1	Requirements for the preliminary training of the student:
2.1.1	Russian Language and Culture of Speech
2.1.2	Biochemistry
2.1.3	Normal physiology
2.1.4	Anatomy
2.1.5	Topographic Anatomy and Operative Surgery
2.1.6	Practicum in Physiology
2.1.7	Hygiene
2.1.8	Pharmacology
2.1.9	Obstetrics
2.1.10	Histology, embryology, cytology
2.1.11	Pathological anatomy
2.1.12	Endocrinology
2.1.13	Epidemiology
2.1.14	Pathophysiology, clinical pathophysiology
2.1.15	Radiation diagnostics
2.1.16	Immunology
2.1.17	Fundamentals of research work
2.2	Disciplines and practices for which the development of this discipline (module) is necessary as a previous:
2.2.1	Fundamentals of Critical Thinking: Evidence-Based Medicine
2.2.2	Clinical Pharmacology
2.2.3	Anesthesiology, Resuscitation, Intensive Care
2.2.4	Preparation for and passing the state exam
2.2.5	Endocrinology
2.2.6	Research work
2.2.7	Oncology, radiation therapy
2.2.8	Obstetrics

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

PP-17: Able and willing to engage in research and public presentation of evidence-based health information.

Know:	
Level 1	-Medical systems and medical schools; - Methods and techniques of philosophical analysis of problems; - Forms and methods of scientific cognition and methods of solving intellectual problems.
Be able to:	
Level 1	- Use educational, scientific, popular science literature, the Internet for professional activities; - To analyze the issues of general pathology and modern theoretical concepts and directions in the field of health care for diagnosis, treatment, medical rehabilitation and prevention.
Own:	
Level 1	- Skills of written reasoned presentation of one's own point of view; - Skills of public speech, argumentation, discussion and polemics, practical analysis of the logic of various kinds of reasoning; - Skills in research work in the field of health care for diagnosis, treatment, medical rehabilitation and prevention.

PC-16: I am ready to organize a medical examination and participate in the assessment of the quality of medical care using the main medical and statistical indicators.	
Know:	
Level 1	- The main directions of medical and statistical indicators in the context of evidence-based medicine. - Basic principles and methods for assessing the quality of medical care using medical and statistical indicators.
Be able to:	
Level 1	- Analyze medical and statistical indicators and their interpretation. - To use medical and statistical indicators to assess the quality of medical care. - Assess the quality of medical care using the main medical and statistical indicators, taking into account evidence-based medicine.
Own:	
Level 1	- Basic skills of working with medical and statistical indicators. - Skills of expressing and substantiating one's own position regarding the assessment of the quality of medical care based on medical and statistical indicators, taking into account evidence-based medicine. - A set of measures to assess the quality of medical care using statistical indicators.
PC-15: Able to apply the basic principles of organization and management in the field of public health, in medical organizations and their structural divisions.	
Know:	
Level 1	- Fundamentals of management in the field of public health and principles of organization in the field of health care. - Principles of management in the field of public health by medical organizations and their structural divisions .
Be able to:	
Level 1	- Apply the principles of organization and management in the field of public health - Apply the principles of management of medical organizations and their structural divisions.
Own:	
Level 1	- Basic principles of organization and management, and their structural subdivisions in the field of public health .
PC-13: Ready to determine the need for the use of natural healing factors, drug, non-drug therapy and other methods in patients in need of medical rehabilitation and sanatorium-resort treatment.	
Know:	
Level 1	- Clinical manifestations of acute and chronic diseases in patients in need of medical rehabilitation and sanatorium-resort treatment. - Indications and contraindications for non-drug methods of treatment, give specific recommendations for their practical use. - Methods for assessing the effectiveness of therapeutic measures at all stages of patient rehabilitation.
Be able to:	
Level 1	- Link symptoms, examination data and indicators of laboratory and instrumental examination methods into a single whole and make the correct diagnosis. - Independently select complexes of rehabilitation measures for patients with various diseases. - Assess the stage of the disease and prescribe the necessary rehabilitation complexes, taking into account the form, stage and phase of the disease.
Own:	
Level 1	- Skills to identify signs of acute illness or exacerbation of chronic disease in patients. - Skills and methods of providing medical care for acute and chronic diseases. - Skills in prescribing non-drug methods of treatment for patients of various profiles, correctly assessing the tolerability, adequacy and effectiveness of rehabilitation measures.
PC-12: Ready to participate in the provision of medical assistance in emergency situations, including participation in medical evacuation.	
Know:	
Level 1	- Fundamentals of the formation of a culture of safety, environmental awareness and risk-oriented thinking, in which safety and preservation of the environment are considered as the most important priorities of human life .
Be able to:	

Level 1	<ul style="list-style-type: none"> - Understand the doctrine of the epidemic process, types of epidemiological research and their purpose; - Carry out anti-epidemic measures, protect the population in the foci of especially dangerous infections, in case of deterioration of radiation situation and natural disasters. - To identify the harmful effects of environmental factors on the human body, the features of the course and possible complications of the most common diseases, diagnostic methods, modern methods of clinical, laboratory, instrumental examination of patients. - Analyze the features of the organization of medical care during mass and sports events, in emergencies and disasters in peacetime and wartime.
---------	--

Own:

Level 1	<ul style="list-style-type: none"> - Methods of organizing a set of measures aimed at preserving and strengthening health and eliminating harmful factors - Skills in analyzing and assessing the quality of medical care, the state of health of the population and the impact of environmental and working environment factors on it. - Skills in preventing the occurrence and spread of diseases, their early diagnosis and causes of their occurrence, - Skills in performing preventive, hygienic and anti-epidemic measures; - The ability to select an individual type of care for the treatment of the patient in accordance with the situation: first aid, ambulance, hospitalization.
---------	---

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

Know:

Level 1	<ul style="list-style-type: none"> - Etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms. - Main types and methods of treatment of patients with various nosological forms. - Methods of management and treatment of patients with various nosological forms on an outpatient basis and in a day hospital.
---------	---

Be able to:

Level 1	<ul style="list-style-type: none"> - Correctly identify this disease. - To compare different types and methods of treatment of patients with different nosological forms, to develop a treatment plan for diseases. - Manage and treat patients on an outpatient basis and in a day hospital.
---------	--

Own:

Level 1	<ul style="list-style-type: none"> - Skills in analyzing various types of treatment of patients with different nosological forms. - Methods of searching for and comparing different methods of treatment of patients with different nosological forms. - Skills in managing and treating patients with various diseases on an outpatient basis and in a day hospital.
---------	---

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

Know:

Level 1	<ul style="list-style-type: none"> - Etiology, pathogenesis, clinical presentation of diseases. - Main types and methods of treatment of patients with various nosological forms. - Main directions and problems in the management of patients with various diseases.
---------	---

Be able to:

Level 1	<ul style="list-style-type: none"> - To reveal the meaning of determining the tactics of managing patients with various diseases. - To compare different types and methods of treatment of patients with different nosological forms, to develop a treatment plan for diseases. - To note the practical value of individual tactics for the management of patients with various nosological forms.
---------	---

Own:

Level 1	<ul style="list-style-type: none"> - Skills in presenting and analyzing the etiology, pathogenesis of various clinical diseases to make a diagnosis. - Methods of searching for and comparing different methods of treatment of patients with different nosological forms. - Possess the skills of determining the tactics of managing patients with diseases.
---------	---

PC-14: Capable of maintaining medical records.

Know:

Level 1	<ul style="list-style-type: none"> - List and characteristics of accounting and reporting medical documentation in medical organizations of a medical profile; - Regulatory documentation adopted in healthcare, as well as documentation for assessing the quality and efficiency of medical organizations.
---------	--

Be able to:

Level 1	- Conduct a medical statistical analysis of the health indicators of the attached population - Maintain medical records, including in electronic form.
Own:	
Level 1	- Work skills and methods of maintaining accounting and reporting documentation of various nature in medical institutions; - Skills of comparative characterization of medical documentation of various nature in medical institutions.
PC-10: Ready for the management of physiological pregnancy, childbirth.	
Know:	
Level 1	- Physiological changes in the body of a pregnant woman. - Methods for determining the duration of pregnancy and childbirth, the course of physiological pregnancy and childbirth. - The main signs of pathological conditions during pregnancy and childbirth; - Procedure for the provision of medical care in the field of obstetrics and gynecology.
Be able to:	
Level 1	- Conduct a special obstetric examination to assess the woman's condition. - Analyze the data of instrumental and laboratory research methods; - Under the guidance of a doctor, develop a plan and prognosis for childbirth, draw up a plan for the prevention of
Own:	
Level 1	- Method of collecting anamnesis; - Methods of organizing dynamic observation of a pregnant woman in a polyclinic, maintaining a gravidogram, in a maternity hospital partogram; - Skills in managing physiological pregnancy and childbirth.
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.	
Know:	
Level 1	- Methods of conducting research to identify the main pathological conditions, symptoms, disease syndromes, nosological forms. - Specifics of identifying various types of pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the ICD X revision. - The main syndromes of damage to organs and systems and their specificity in the differential diagnosis of various nosological forms in accordance with the ICD X revision.
Be able to:	
Level 1	- To comprehend the results of the study of the main nosological forms of diseases; - Analyze various types of pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the ICD. - To note the practical value when comparing specific pathological syndromes, symptoms of diseases.
Own:	
Level 1	- Skills in identifying the main pathological conditions, symptoms, disease syndromes. - Methods of searching, identifying and systematizing the main pathological conditions, symptoms, disease syndromes, nosological forms in accordance with the ICD X revision. - Skills of self-justification of combining various symptoms, syndromes into nosological forms in accordance with (ICD X revision).
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	
Know:	
Level 1	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; - the need to collect and analyze the patient's complaints, his medical history; - etiopathogenesis, clinical picture and diagnosis of the main diseases; - indications and contraindications for the choice of additional clinical and paraclinical methods of research; - indications and contraindications for additional clinical and paraclinical research methods
Be able to:	

Level 1	<p>Collect and analyze the patient's complaints, medical history.</p> <ul style="list-style-type: none"> - to prescribe laboratory, instrumental, pathological and other examinations in order to recognize the condition or establish the fact of the presence or absence of the disease. - to conduct a survey, collect complaints and anamnesis from the patient; - to draw up a model of pedigree for families with hereditary diseases; - Conduct a study of the clinical status; - to determine indications and contraindications for the choice of additional clinical and paraclinical methods of research; - to use methods and means of medical examination, diagnostic measures.
---------	---

Own:

Level 1	<ul style="list-style-type: none"> - 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; - the skills of drawing up a medical history, the skills of prescribing the necessary laboratory and instrumental methods of examination in order to recognition of the condition or establishment of the presence or absence of the disease; - skills of examining patients, carrying out the necessary diagnostic measures; - skills in building a clinical diagnosis.
---------	---

PC-3: Ready for educational activities to eliminate risk factors and develop healthy lifestyle skills

Know:

Level 1	- Causes, conditions and development of diseases, as well as the elimination of harmful factors affecting human health.
---------	---

Be able to:

Level 1	<ul style="list-style-type: none"> - To identify the harmful effects of environmental factors on human health. - Prevent the occurrence and (or) spread of diseases, their early diagnosis and causes of their occurrence. - Eliminate the causes of the occurrence and spread of diseases. - Conduct educational activities to eliminate risk factors and healthy lifestyle skills
---------	---

Own:

Level 1	<ul style="list-style-type: none"> - Skills for the formation of a healthy lifestyle, comprehensive measures aimed at preserving and strengthening health. - Skills of educational activities to form healthy lifestyle skills.
---------	---

As a result of mastering the discipline, the student must

3.1	Know:
3.1.1	- Ethical foundations of modern medical legislation;
3.1.2	- Moral and ethical norms, rules and principles of professional medical behavior;
3.1.3	- Duties, rights, place of the doctor in society, the rights of the patient; etiology, pathogenesis and preventive measures, modern classification, clinical picture, features of the course and possible complications of the most common obstetric complications occurring in a typical form;
3.1.4	- Diagnostic methods, diagnostic capabilities of methods of direct examination of the patient
3.1.5	obstetrics;
3.1.6	- Preventive measures aimed at strengthening the health of the population;
3.1.7	- Methods of sanitary and educational work;
3.1.8	- Modern methods of clinical, laboratory, instrumental examination of pregnant women (including endoscopic, radiological methods, ultrasound diagnostics);
3.1.9	- Structural and functional foundations of the course of pregnancy, causes, main mechanisms of the development of complications and outcomes of pathological processes, disorders of the functions of organs and systems;
3.1.10	- Criteria for the diagnosis of various complications of pregnancy;
3.1.11	- Basic diagnostic measures for urgent and life-threatening conditions;
3.1.12	- Treatment methods for obstetric emergencies (bleeding, severe preeclampsia and eclampsia, septic shock, anaphylactic shock, coma, cardiac arrest);
3.1.13	- Methods of prevention of obstetric complications;
3.1.14	- Indications for planned hospitalization;
3.1.15	- Clinical and pharmacological characteristics of the main groups of drugs and rational choice of specific drugs in the treatment of pregnant women and emergency conditions;
3.1.16	- Methods of sanitary and educational work;

3.1.17	- Basic regulatory and technical documents on public health protection, the procedure for maintaining standard medical documentation in obstetric institutions, modern classifications of diseases.
3.2	Be able to:
3.2.1	- To protect the civil rights of doctors and patients.
3.2.2	- Build and maintain working relationships with other team members.
3.2.3	- Collect anamnesis, interview the pregnant woman and relatives; conduct a physical examination (examination, obstetric examination, auscultation of the fetus, blood pressure measurement, etc.); assess the patient's condition to make a decision on the need for medical care; conduct an initial examination of systems and organs, laboratory diagnostics; instrumental examination: CTG, ultrasound with Doppler; fill out the birth history, write prescriptions.
3.2.4	- To promote a healthy lifestyle; to carry out measures to prevent pregnancy complications, methods of contraception.
3.2.5	- Outline the scope of additional studies in accordance with the prognosis of the course of pregnancy for clarification
3.2.6	diagnosis and obtaining a reliable result.
3.2.7	- To interpret the results of the most common methods of functional, laboratory and instrumental diagnostics of obstetric conditions and complications.
3.2.8	- Make a preliminary diagnosis, synthesize information about the patient in order to determine the pathology and the causes of it; formulate a clinical diagnosis taking into account the ICD-10 revision and modern clinical classifications; perform basic diagnostic measures to identify urgent and life-threatening conditions.
3.2.9	- To develop pregnancy management tactics taking into account complications; to provide first aid in emergency and life-threatening conditions, to carry out intensive care; to carry out anti-shock measures; to carry out resuscitation measures in the event of clinical death.
3.2.10	- To formulate indications for the chosen method of treatment of obstetric complications, taking into account etiologic and pathogenetic agents; to substantiate the principles of pathogenetic therapy.
3.2.11	- To substantiate pharmacotherapy in a pregnant woman with the main pathological syndromes and emergency conditions; determine the route of administration, regimen and dose of drugs, assess the effectiveness and safety of the treatment.
3.2.12	- Determine and justify the indications for surgical treatment.
3.2.13	- To promote a healthy lifestyle; to take measures to prevent complications of pregnancy and the most common diseases, their rehabilitation.
3.2.14	- Fill out medical documentation taking into account accepted standards and protocols.
3.3	Own:
3.3.1	- Skills of moral and ethical argumentation, skills of informing patients and their relatives in accordance with the requirements of the rules of "informed consent".
3.3.2	- Principles of medical deontology and medical ethics.
3.3.3	- Methods of general clinical examination of pregnant women; skills of correct medical documentation.
3.3.4	- Skills of sanitary and educational work among patients of obstetric hospitals and the population (prevention of abortion and modern methods of contraception; advantages of breastfeeding, the method of "lactational amenorrhea", HIV infection, prevention, etc.)
3.3.5	- Interpretation of the results of laboratory, instrumental diagnostic methods (electrocardiography, gravidogram, CTG, ultrasound, partogram, thermometry, etc.).
3.3.6	- Interpretation of the results of methods of functional diagnostics and clinical and immunological examination of pregnant women.
3.3.7	- Skills in making a detailed clinical diagnosis (main, concomitant, complicated); algorithm for making a preliminary diagnosis with subsequent referral of the patient to the appropriate specialist.
3.3.8	- Skills in prescribing medicines for obstetric complications, skills in providing first aid in emergency and life-threatening conditions.
3.3.9	- Skills in prescribing adequate conservative and surgical treatment to patients in accordance with the diagnosis.
3.3.10	- Skills in the use of drugs in the treatment, rehabilitation and prevention of obstetric complications
3.3.11	- Skills of sanitary and educational work among patients of obstetric hospitals, adolescent girls and women.
3.3.12	- Proper maintenance of medical records.

