



SYLLABUS by discipline

B.3.2.8. OUTPATIENT THERAPY

For students of the educational program, higher professional education in the specialty 560001 "General Medicine" (5-year education) in the specialty "Doctor"

Type of study work	Total hours
course	4
Semester	8
Number of weeks	18
Credits	6
The total complexity of the discipline	180
Classroom/practical studies (PS)	108
Student Independent Work (SIW)	72
Forms of control	
current control	Testing, oral questioning, written test
Frontier control	Testing
Midterm	Testing
Final control	exam
Semester rating by discipline:	Point-rating system

Information about the teacher of the academic discipline

Full Name	Davletova Lola Kabuldjanovna
Job title	Teacher
Academic degree	
Academic title	
Email address	
Location of the department (address)	KR, Bishkek, st. Shabdan Baatyr 128, floor 2, room 6
Telephone	
Consultation hours	11.00-13.30

Characteristics of the discipline

The aim of the discipline is to teach students the practical skills of organization of treatment and preventive care to the population in outpatient settings, namely: the basic principles of the organization of treatment and preventive care for the general population in the outpatient clinic; the organization of the work of a general practitioner in the outpatient clinic; modern diagnostic capabilities of the outpatient service and their rational use; use in diagnosis and treatment of the major achievements of evidence-based medicine; development of clinical thinking skills.

Students study etiology, pathogenesis and preventive measures of the most common diseases; modern classification of diseases; clinical picture, features of the course and possible complications of the most common diseases, proceeding in a typical form in different age groups; criteria for the diagnosis of various diseases; medical and social criteria in the examination of work capacity.

By the end of the course of the discipline students should know the methods of medical record and reporting documentation in medical organizations; assessments of the health of the population of different age groups; the skill of comparing the morphological and clinical manifestations of diseases; interpretation of the results of laboratory, instrumental methods of diagnosis in patients of different ages; methods of general clinical examination; be able to conduct with the population attached area measures on primary and secondary prevention of the most

Prerequisites of the discipline:

- Faculty Therapy
- Hospital Therapy

Post-requisites of the discipline:

- Pediatric Medicine
- Surgical Diseases
- Urology
- Obstetrics and gynecology
- Family medicine
- Basics of Psychology of Communication and Medical Communication
- Epidemiology

Learning outcomes of the discipline according to the RE GEP

The study of the discipline of microbiology, virology and immunology will contribute to the achievement of the learning outcomes (RE) of the GEP:

RE-2: Recognize the effects of physicochemical, biological, and immune properties of environmental factors (including therapeutic factors) on the development and course of disease and on the body as a whole.

RE-3: analyze various causes (genetic, intrauterine, metabolic, toxic, microbiological, autoimmune, neoplastic, degenerative and traumatic) of disease and borderline conditions in the body.

The discipline is expected to achieve the following learning outcomes of the discipline, which are implemented in the attainment of competencies:

PC-10: able and ready to carry out preventive measures for the prevention of infectious, parasitic and non-infectious diseases.

Content of the discipline

№№	Name of topics
1.	Section 1. General issues in polyclinic therapy
2.	Organization of polyclinic therapy service in Kyrgyzstan. Clinical and expert work and principles of medical and social expertise in outpatient practice. Medical documentation
3.	The concept of gerontology. Principles of management of elderly and senile patients in polyclinic conditions.
4.	The significance of medical nutrition in diseases of the internal organs. Gerontology. Peculiarities of the course and treatment of patients in the elderly and old age.
5.	Diet therapy for diseases of the respiratory and circulatory organs. Nutrition therapy for diseases of Gastrointestinal organs and urinary system
6.	Section 2. Pulmonology.
7.	Acute respiratory infections, influenza, and angina in the outpatient setting. Outpatient management of patients with COPD and bronchial asthma. Pneumonia, pleurisy in the outpatient setting
8.	Pulmonary insufficiency in outpatient practice. Emergency conditions in pulmonology in the pre-hospital stage.
9.	Features of the course and management of patients with pneumonia in the elderly and old age. Acute respiratory failure in outpatient practice. Pulmonary hemorrhage, the tactics of the district therapist
10.	Section 3: Pain syndrome in the left thorax in outpatient practice.

11.	Syndrome of pain in the left thorax in the practice of the district therapist. Outpatient management and treatment of CPS. Infectious myocarditis in outpatient practice.
12.	Rhythm and conduction disorders in outpatient practice. Dilated cardiomyopathy, hypertrophic cardiomyopathy in outpatient practice. Myocardiodystrophies in the practice of district therapist KR.
13.	Diagnosis and first aid and first aid in AMI complications. Opportunities of outpatient service in the early diagnosis of arrhythmias Paroxysmal rhythm disorders in outpatient practice: - Atrial fibrillation and flutter; - Paroxysmal tachycardia; - Ventricular fibrillation and flutter - blockages, MES syndrome
14.	Section 4. Peculiarities of the course and treatment of diseases with heart failure on the outpatient stage
15.	Differential diagnostic search for AH syndrome in the outpatient setting. Chronic heart failure in outpatient practice. Rheumatic fever in outpatient practice. Management of patients with acquired heart defects
16.	Congenital defects in adults in outpatient practice. Peculiarities of the course and treatment of diseases of the SCS in pregnancy and the tasks of the therapist of the outpatient clinic. Heart failure in outpatient practice. Emergency conditions in cardiology at the pre-hospital stage. Infectious endocarditis in outpatient practice. CR
17.	AH in pregnant women, pregnancy management tactics Hypertensive crises at the pre-hospital stage. Self-management of CHF. Patient education. Cardiac asthma attack and pulmonary edema in outpatient practice. Primary prevention of myocarditis. Primary and secondary prevention of cardiomyopathies. Prevention of congenital heart disease in Kyrgyzstan
18.	Section 5. Gastroenterology
19.	Chronic gastritis, peptic ulcer in outpatient practice TZVP, chronic non-calculous cholecystitis, post-cholecystectomy syndrome in outpatient practice. Chronic liver lesions in outpatient practice. Chronic pancreatitis in outpatient practice. Functional bowel disease in the practice of the district therapist.
20.	Chronic pancreatitis in outpatient practice. Chronic hepatitis and cirrhosis of the liver in the practice of the district therapist. Dysbacteriosis, inflammatory and functional intestinal diseases in the practice of district therapist. Rare forms of bowel disease. Predictors of bowel cancer. Emergency conditions in gastroenterology at the pre-hospital stage of CR.
21.	Significance of alcoholism in the development of pancreatitis. Dysbacteriosis and its role in the development of chronic enterocolitis
22.	Section 6. Rheumatology. Nephrology. Joint syndrome in general medical practice. Chronic kidney disease in outpatient practice.
23.	Rheumatic fever in outpatient practice. Mitral, aortic malformations in outpatient practice. Joint syndrome in the practice of district therapist: osteoarthritis, rheumatoid arthritis, gout.
24.	Urinary syndrome in the practice of the district therapist (acute glomerulonephritis). Chronic glomerulonephritis in outpatient practice. Chronic pyelonephritis in outpatient practice. Vascular and metabolic nephropathies in outpatient practice. Acute renal failure in outpatient practice. Emergency conditions in nephrology in the pre-hospital phase of CR.
25.	Basics of cardiac auscultation in cardiac malformations. Joint syndrome in the outpatient setting. Indications and control of treatment with immunosuppressants and biological agents in the outpatient clinic
26.	Section 7. hematology. Endocrinology. Diabetes mellitus, outpatient management tactics. Thyroid diseases in outpatient practice. Anemic syndrome in outpatient practice.
27.	Iodine deficiency syndrome in outpatient practice. Thyroid disease in outpatient practice. Emergency conditions in diabetology in outpatient practice. Anemic syndrome, iron-, B12-, folium-deficient anemias in outpatient practice. Hemolytic, hypo- and aplastic anemias. Hemorrhagic diathesis Myeloma disease: clinical syndromes. Diagnostic criteria, principles of treatment in outpatient CR
28.	Thyrotoxic and addisonic crises, hypothyroidic coma in the practice of the district physician. Anemic syndrome in the practice of the district physician.

List of main and additional literature:

Main literature:

I.I. Chukaeva, B.Y. Barta Polyclinical Therapy "Knorus" 2017

Additional literature:

1. Victorova I.A. Examination of temporary disability and medical and social expertise in outpatient practice GEOTAR-Media,2015
2. B. Kaganov, H. Sharafetdinov Therapeutic nutrition in chronic diseases Eksmo 2014
3. Storozhakov G.I., Chukaeva I.I. Polyclinical therapy GEOTAR-Media 2013

Internet resources:

<http://www.iprbookshop.ru/18403.html>
<http://www.edu.kg>
<http://www.edu.ru>
<http://www.medicina.ru>
[http //www.journals.uchicago.edu/JAD/home.html](http://www.journals.uchicago.edu/JAD/home.html)

Monitoring and evaluation of learning outcomes

The content of the rating system for assessing student performance

The rating assessment of students' knowledge in each academic discipline, regardless of its total labor intensity, is determined on a 100 (one hundred) - point scale and includes current, boundary, intermediate and final control.

The distribution of rating scores between types of control is established in the following ratio (according to the table of the score-rating system of assessments):

Form of control				
current (CC)*	boundary control (BC)**	mid-term exams (MC)***	Final /exam (FE)	Discipline Rating (RD)
0-100 points	0-100 points	0-100 points	0-100 points	0-100 points, with the translation of points into a letter designation

Note:

* $TK(middle) = \frac{\sum_1^n \times point}{\sum_1^n}$, where n is the number of types of classroom and extracurricular work of students in the discipline;

** $PK(middle) = \frac{\sum_1^n credit \times point}{\sum_1^n credits}$, where n is the number of modules (credits) in the discipline;

*** $PK(middle) = \frac{\sum_1^n \times point}{\sum_1^n}$, where n is the number of intermediate controls (2 controls per semester: in the middle and at the end of the semester) by discipline;

****ИК – examination conducted at the end of the study of the discipline

;

*****РД = $\frac{TK_{ср} + PK_{ср} + PK_{ср} + ИК}{4}$, the final rating of the results of all types of control at the end of the discipline;

GPA = $\frac{\sum_1^n \times балл}{\sum_1^n}$ where, n is the number of disciplines in the semester (for the past period of study).

A student who has not passed the current, boundary and intermediate controls to the final control (exam) is not allowed.

The current control is carried out during the period of classroom and independent work of the student on time according to the schedule, at the end of the study of the discipline, the average score of the current control (CC) is calculated. *Forms of current control can be:*

- testing (written or computerized);
- performance of individual homework assignments, abstracts and essays;
- student's work in practical (seminar) classes;
- various types of colloquia (oral, written, combined, express, etc.);
- control of performance and verification of reporting on laboratory work;
- visiting lectures and practical (seminar, laboratory) classes;
- Incentive rating (up to 10 points).

Other forms of current monitoring of results are also possible, which are determined by the teachers of the department and recorded in the work program of the discipline.

The frontier control is carried out in order to determine the results of the student's development of one credit (module) as a whole. *Frontier control* should be carried out only in writing, at the end of the study

of the discipline, the average score of boundary control (BC) is calculated. As forms of *frontier control* of the training module, you can use:

- testing (including computer testing);
- interview with written fixation of students' answers;
- test.

Other forms of intermediate control of results are also possible.

Intermediate control (mid-term exams) is carried out in order to check the completeness of knowledge and skills in the material in the middle and end of the semester (2 times per semester) of studying the discipline, by the end of the study of the discipline, the average score of intermediate control (PCsr) is calculated, *forms of intermediate control (mid-term exams) can be:*

- testing (including computer testing);
- interview with written fixation of students' answers;
- test.

Other forms of intermediate control of results are also possible.

The final control is carried out during the session, by conducting an exam, it can be carried out in the following forms:

- testing (including computer testing);
- written exam (ticketing system).

Correspondence of the point-rating system of assessments used by the institute and the assessments of the European system for the transfer of credit units, labor intensity (ECTS)

Grade						Criterion
System of letters	digital system	Traditional system	Points (%)	Scored points (max - 100)	Evaluation by discipline without an exam	
A	4	5	95-100	95-100	Credited/ passed	"Excellent" - deserves a student who has shown a deep, systematic and comprehensive knowledge of the educational material, who freely performs practical tasks, who has mastered the recommended basic and additional literature on the discipline
A-	3,67		90-94	90-94		"Excellent" - deserves a student who has shown a deep, systematic and comprehensive knowledge of the educational material, who freely performs practical tasks, who has mastered the recommended basic literature on the discipline, but is not familiar with additional literature
B+	3,33	4	85-89	70-89		"Good" - exhibited to a student who has shown a systematic and comprehensive knowledge of the educational material, able to independently replenish and update this knowledge in the course of training, performing practical tasks, familiar with the main literature on the discipline
B	3,0		80-84			"Good" is given to a student who has shown a systematic and comprehensive knowledge of the educational material, who is able to independently replenish this knowledge in the course of training, performing practical tasks, but not fully familiar with the main literature on the discipline
B-	2,67		75-79			"Good" - is given to a student who has shown the systematic nature of knowledge in the discipline, who is able to independently replenish this knowledge in the course of training, performing practical tasks, but not fully familiar with the main literature on the discipline
C+	2,33		70-74			"Satisfactory" - is given to a student who does not have a systematic nature of knowledge in the discipline, who is not capable of independently replenishing and updating knowledge in the course of further education, performing practical tasks with errors
C	2,0	3	65-69	50-69		"Satisfactory" - is given to a student who made mistakes in completing assignments, but who has the necessary knowledge to eliminate them under the guidance of a teacher
C-	1,67		60-64			"Satisfactory" - is set to a student who made errors in the performance of tasks, but who has the possible knowledge to eliminate them under the guidance of a teacher
D+	1,33		55-59			"Satisfactory" - is set to a student who made errors in the performance of tasks, who does not have the necessary knowledge to eliminate them
D-	1,0		50-54			Satisfactory" - is given to a student who has made significant errors in the performance of tasks, who does not have the necessary knowledge to eliminate them
FX	0,5	2	25-49	Less of 50	not credited/not passed	"Unsatisfactory" - is set to a student who has not completed the task, does not have the necessary knowledge to eliminate them

F	0		0-24		"Unsatisfactory" - is set to a student who has not completed the task, does not have the necessary knowledge to eliminate them, even under the guidance of a teacher
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Academic achievement requirements:

Attendance by students of all classroom classes without delay is mandatory.

In case of absence, classes are worked out in the order established by the dean's office.

If there are three passes, the teacher has the right not to allow the student to attend classes until the issue is administratively resolved.

If the absence of classes is more than 20.0% of the total number of classes, the student automatically enters the summer semester.

Note to the student:

- ✓ regularly review lecture material;
- ✓ Do not be late and do not miss classes;
- ✓ work off missed classes if you have permission from the dean's office;
- ✓ Actively participate in the classroom (individually and in groups;)
- ✓ timely and fully complete homework assignments;
- ✓ submit all assignments within the time specified by the teacher;
- ✓ independently study the material in the library and at home;
- ✓ timely and accurately fulfill the tasks of the teacher, individual tasks for the IWS to achieve learning outcomes;
- ✓ to master the basic and additional literature necessary for the study of the discipline;
- ✓ performing tasks, the student should not copy or reproduce the work of other students, scientists, practitioners, plagiarism;
- ✓ develop their intellectual and oratory skills;

In case of non-compliance with the requirements of the Memo, the student will be penalized in the form of deducting points (one point for each violated item).

If the requirements of the Memo are fully met, the student is encouraged in the form of an additional 10 points to the final control in the discipline.

Academic Integrity, Conduct and Ethics Policy:

- turn off your cell phone during class;
- Be polite;
- respect other people's opinions;
- formulate objections in the correct form;
- do not shout or raise your voice in the audience;
- independently complete all semester assignments;
- Eliminate plagiarism from your practice;

Methodical instructions.

It is recommended to organize the time required to study the discipline as follows:

When preparing for a practical lesson, you must first read the abstract with the teacher's explanations.

When performing exercises, you must first understand what you want to do in the exercise, then proceed to its implementation.

Literature work. The theoretical material of the course becomes more understandable when books are studied in addition to the abstract. After studying the main topic, it is recommended to perform several exercises.

Preparation for boundary and intermediate controls. In preparation for the boundary and intermediate control, it is necessary to study the theory: the definitions of all concepts before understanding the material and independently do several exercises.

Independent work of students is organized on all studied topics of each section. Independent work is carried out in the form of:

- work in Internet sites;
- work with basic and additional literature;
- fulfillment of written assignments;
- preparation of reports, abstracts, tables and posters on