MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ REPUBLIC
OSH STATE UNIVERSITY
INTERNATIONAL MEDICAL FACULTY
DEPARTMENT OF CLINICAL DISCIPLINES 1

"APPROVED"	**"AGREED"**
Dean of the IMF	Chairman of the IMF Method Council
Prof. _____Kalmatov R. K.	_____Keneshbaev B. K.

"REVIEWED"
at the department meeting "Clinical disciplines 1"
(protocol no. _ _ of _____)
Head of Department: Candidate of Medical Sciences, Associate Professor
Mamatova S. M._____

TRAINING PROGRAM of STUDENTS
(Syllabus)
(2021-22 academic year)

Discipline: Introduction to Clinical Medicine
Direction: 560001-medical business
Total: 3 credits
Course: 1st
Semester: 2nd
Lectures: 18 hours
Duration: 27 hours
Number of border controls (BC): 2
SRS: 45 hours
Exam: 2nd semester
Total classroom hours: 45 hours
Total extracurricular hours: 45 hours
Total hours: 90 hours

The syllabus is compiled on the basis of FGOS-3, approved by the Ministry of Education of the Kyrgyz Republic on 15.09.2015, specialty 560001 "General Medicine"

Originator
Lecturer: Candidate of Medical Sciences Karataeva G.T._____
Teachers: Mamyrova K.K., Taalaibek K.G. _____

Osh-2021

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Goals of the discipline.

The main goal of the discipline is to teach basic methods of examination of healthy adults and their results are normal.

2. Learning outcomes (LO) and student competencies formed in the course of studying the discipline " Introduction to Clinical Medicine "

In the course of mastering the discipline, the student will achieve the following learning outcomes the discipline (**LOd**) and will have relevant **competencies:**

LO OOP	**Competencies**	**Learning outcomes of the discipline (LOd)**
LO-5 – Is able to apply fundamental knowledge in the assessment of morphofunctional and physiological conditions of the body for timely diagnosis of diseases and detection of pathological processes.	**PC-5 -** is able and willing to carry out and interpret the survey, physical examination, clinical examination, the results of modern laboratory and instrumental studies, write medical records of outpatient and inpatient adult and child;	**Knows and understands**: - the methodology of the survey and interpretation of physical examination and clinical examination, interpretation of the results of modern laboratory and instrumental research in healthy adults. **Able to do it:** - conduct and interpret a survey, physical examination and clinical examination, interpretation of the results of modern laboratory and instrumental studies in healthy adults. **Has the skills**: - skills in conducting and interpreting surveys, physical examinations and clinical examinations, experience in interpreting the results of modern laboratory and instrumental studies in healthy adults.
LO-7 – Is able to apply basic knowledge in the field of diagnostic activities to solve professional tasks	**PC-14 -** is able and ready to make a diagnosis based on the results of biochemical and clinical studies, taking into account the course of pathology in organs, systems and in general;	**Knows and understands**: - determination of normal indicators in an adult. **Able to do it:** - to carry out the determination of normal indicators of y in an adult. **Has the skills**: - skills to determine the normal indicators of an adult.

	PC-15-is able and ready to analyze the patterns of functioning of individual organs and systems, use knowledge of anatomical and physiological features, basic methods of clinical and laboratory examination and assessment of the functional state of the body of an adult and children, for timely diagnosis of diseases and pathological processes;	**Knows and understands**: - basic methods of clinical and laboratory examination of healthy adults. **Able to do it:** - use basic methods of clinical and laboratory examination of healthy adults. **Has the skills**: - technique of using basic methods of clinical and laboratory examination of healthy adults.

Discipline "Introduction to Clinical Medicine" refers to the disciplines of the basic part of the professional cycle (C3), providing theoretical and practical training of specialists in the specialty "Doctor" 560001 General Medicine.

Pre –requirements of the discipline "Introduction to Clinical Medicine" are such disciplines as "Normal and clinical anatomy", "Histology, Embryology, Cytology", "Normal physiology", "Microbiology, virology and Immunology".

Post -requirements of the discipline "Introduction to Clinical Medicine" are such disciplines as "Internal diseases, radiation diagnostics", "Internal diseases 2, 3, 4 and 5", "Family Medicine", clinical residency in therapy and family medicine.

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Thematic plan of classes in the discipline "Introduction to Clinical Medicine" for the 2021-22 academic year

Thematic plan of lectures

№	Subject	Hours
	2nd semester	
1	Basic and additional methods of clinical examination. Questioning and inspection in internal medicine.	2
2	Physical examination in internal medicine.	2
3	Laboratory and instrumental examination in internal medicine.	2
4	Physical examination of the respiratory system.	2
5	Laboratory and instrumental examination of the respiratory system.	2
6	Physical examination of the cardiovascular system.	2
7	Laboratory and instrumental examination of the cardiovascular system.	2
8	Physical and laboratory-instrumental examination of the digestive and urinary systems.	2
	Module 1	**16**
9	Physical and laboratory-instrumental examination of the hematopoietic, endocrine, and musculoskeletal systems.	2
	Module 2	**2**
	Total for the 2nd semester	**18**

Thematic plan of practical classes

№	Topic	Hours
	2nd semester	
1	Purpose and objectives of clinical examination in internal medicine. General principles of diagnostics of internal diseases.	2
2	Basic and additional methods of clinical examination.	2
3	Questioning in internal medicine.	2
4	Physical examination in internal medicine.	2
5	Laboratory and instrumental examination in internal medicine.	2
6	Physical examination of the respiratory system.	2
7	Laboratory and instrumental examination of the respiratory system.	2
8	Physical examination of the cardiovascular system.	2
	Module 1	**16**
9	Laboratory and instrumental examination of the cardiovascular system.	2
10	Physical and laboratory-instrumental examination of the digestive system.	2
11	Physical and laboratory-instrumental examination of the urinary system	2
12	Physical and laboratory-instrumental examination of the hematopoietic system.	2
13	Physical and laboratory-instrumental examination of the endocrine system.	2
14	Physical and laboratory-instrumental examination of the musculoskeletal system.	1

	Module 2	**11**
	Total for the 2nd semester	**27**

Thematic plan of selfwork

№	Topic	Hours
	2nd semester	
1.	Diagnostic process.	2
2.	Making a diagnosis.	2
3.	Medical documentation.	2
4.	Relationship between doctor and patient.	2
5.	General examination of the patient.	2
6.	Clinical anthropometry.	2
7.	Clinical thermometry.	1
8.	Examination of individual tissues of the patient.	5
	Модуль 1	**18**
9.	Examination of individual parts of the patient's body.	2
10.	The main symptoms of internal diseases detected during general examination.	2
11.	The main symptoms of internal diseases detected during general examination.	2
12.	The main symptoms of internal diseases detected during clinical anthropometry.	2
13.	The main symptoms of internal diseases detected during clinical anthropometry.	2
14.	The main symptoms of internal diseases detected during thermometry.	3
15.	The main symptoms of internal diseases detected during thermometry.	2
16.		2
17.	The main symptoms of internal diseases detected during the examination of individual tissues of the patient.	5
18.	The main symptoms of internal diseases detected during the examination of individual parts of the patient's body.	5
	Module 2	**27**
	Total the 2nd semester	**45**

4. Competence map of the discipline " Introduction to Clinical Medicine ".

№	Competencies / Themes	PC-12	PC-13	PC-11	Number of comp.
2nd semester					
1	Topics of lectures, practical classes, and SW **of the 2nd semester** (title look at the thematic plan of lectures, practical classes and SW).	+	+	+	3

5. Technological map of the discipline " Introduction to Clinical Medicine ".

Modu	**Number of hours**	**Lectures**	**Practical**	**SW**	**BC**	**Total**	**FC**	**Total**

les	Classes	SW	Total	hours	scores	hours	scores	hours	scores	scores	scores	scores	
2nd semester													
I	32	18	50	16	30	16	30	18	30	30	30		
II	13	27	40	2	30	11	30	27	30	30	30		
Total	**45**	**45**	**90**	**18**	**30**	**27**	**30**	**45**	**30**	**30**	**60**	**40**	**100**

6. Map of accumulation of points in the discipline " Introduction to Clinical Medicine "

2nd semester

	Module 1 (30 points)							**Module 2 (30 points)**							**Total**
	TC1			TC2			BC 1	TC1			TC2			BC 2	
	lec	prac	SW	lec	prac	SW		lec	prac	SW	lec	prac	SW		
	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
Topics	1-3	1-4-4	1-33	4-5	5-7-7	4-6-6		6-7-7	8-10	7	8-9	11-14	8		
Points	**30**			**30**			**30**	**30**			**30**			**30**	**60**
FC															**40**
Total															**100**

Discipline program " Introduction to Clinical Medicine ".

Purpose and objectives of clinical examinations in internal medicine
General principles of diagnosis of internal diseases
Diagnostic process
Making a diagnosis
Medical documentation
Doctor-patient relationship
Basic methods of clinical examination: questioning, inspection, palpation, percussion and auscultation
Additional methods of clinical examination: laboratory and instrumental methods
General inspection
Clinical anthropometry
Thermometry
Examination of individual tissues and body parts
Basic examination of the respiratory system
Additional methods of examination of the respiratory system
Basic examination of the cardiovascular system
Additional methods of examination of the cardiovascular system
Basic examination of the digestive system
Additional methods of examination of the digestive system
Basic examination of the urinary system
Additional methods of examination of the urinary system
Basic examination of the hematopoietic system
Additional methods of examination of the hematopoietic system
Instrumental methods

Basic examination of the endocrine system
Additional methods of endocrine system examination
Basic examination of the musculoskeletal system
Additional methods of examination of the musculoskeletal system
The main symptoms of internal diseases detected during a general examination,

Educational and methodological support of the course

Basic literature

1. "Propaedeutics of internal diseases" Moldobaeva M. S.
2. "Propaedeutics of internal diseases" Mamasaidov A. T.
3. "Propaedeutics of internal diseases" Vasilenko V. Kh. andGrebenev A. L.
4." Propaedeutics of internal diseases " Shelagurov A. A.

Additional literature

5. "Propaedeutics of internal diseases" Malov Yu. S.
6." Propaedeutics of internal diseases " Mukhin N. F.

Magazines:

Central Asian Medical Journal.
Bulletin of the Kyrgyz State Medical Academy.
Therapeutic archive.
Web pages of major Russian and foreign news agencies, international organizations, etc.

Scoring policy.

A student can score points for all the types of classes: lectures for the correctness of the answers on a modular thematic tests at the end of the lectures (the testing is open to students who are NB or exhaust them), attendance and the presence of summaries, practical classes – for the correctness of the answers orally and test questions, the activity in the classroom, attendance and the presence of notes on SW – for the correctness of the answers on a modular thematic tests and the presence of summaries, and border control – for the correctness of the answers on a modular thematic tests.

Students can be awarded incentive points for participating in research and student conferences and sports events at the faculty, university, intercollegiate, and international levels (including Olympiads).

Procedure for obtaining points in the 2nd semester:

Module 1: a student can score up to 30 points on a test based on lecture materials, and up to 30 points on a practical class (on 7 classes of up to 30 points, i.e. arithmetic mean scores of classes), for testing materials SW – up to 30 points and BC1 – up to 30 points ***total for module 1 the student can score up to 30 points***.

Module 2: a student can score up to 30 points on a test based on lecture materials, and up to 30 points on a practical class (on 7 classes 3 to0 points, i.e. arithmetic mean scores of classes), tested according to the materials of SW to 30 points and BC2 - 30 points ***total for module 2 student can score up to 30 points***.