



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2022-2023
Semester:	6
Course duration:	10 weeks
Department:	Nephrology
Day and Time for consultation:	Saturday, 14:00-16:00
Classroom:	304,303
e-mail:	kyshtobaevaorungul@gmail.com
Course Title:	Nephrology
Must/Elective:	Must
Credit/Hours:	2Credits
Course Description:	Nephrology" was compiled in accordance with the Regulations on the Educational and Methodological Complex of the Discipline, approved by the Protocol of the Academic Council No. 6 dated October 20, 2020, Supplement to the Regulations on the modular-point rating system for assessing the knowledge of students of the NEI UNPK "MUK" (Minutes No. 42 dated 26.07. 2018, as well as on the basis of the State educational standard of higher professional education in the direction of "General Medicine", approved by the Government Decree of 2015.
Course Objectives:	Develop the skills of recognizing diseases, understanding their causes and mechanisms of development, choosing tactics for managing a patient
Prerequisites:	Pathophysiology, clinical pathophysiology - Propaedeutics of internal diseases - Pharmacology - Pathological anatomy - Psychology and pedagogy - Normal physiology
Post-requisites:	"Internal Diseases", "Polyclinic Therapy", Work Practice "Doctor's Assistant".

Learning Outcomes: (expected knowledge & ability at the end)	<p>Practical skills are constantly monitored in the process of medical and diagnostic work throughout the entire period of study. A list of practical skills is attached. Upon completion of work in a specialized department, a test is carried out in the form of solving test problems, examining the patient, testing practical skills and interviews in theoretical sections. The practical skills of a specialist nephrologist studying in the certification cycle are provided to them in a reference from the place of work, certified by the head of the institution. At the end of the training, the doctor is released from medical work for 2 weeks to prepare for the exam. The exam is taken for the entire course of study</p>
Basic references:	<p>Diagnostic Atlas of Renal Pathology, Fogo, Agnes B 7th ED. Elsevier, 2005</p> <p>Clinical Dialysis, Nissenson, Allen R, 4th ED. McGraw Hill, 2005</p> <p>Hypertension companion to Brenner & Rectors the Kidney, Oparil, Suzanne, 2nd Ed. http://fv.bionika.ru/index_fv.htm Elsevier, 2005</p> <p>Nephrology Secrets, Brown, David E, 2nd ED. Elsevier, 2003</p> <p>Tarafdar Surjit (ed.) Lecture Notes: Nephrology</p>
Supplementary Textbook and Materials:	<p>Harber Mark (ed.) Practical Nephrology http://acponline.org/index.html</p> <p>7. <u>Ronco Claudio, Bellomo Rinaldo, Kellum John A., Ricci Zaccaria (eds.) Critical Care Nephrology</u></p> <p>8. Comprehensive Clinical Nephrology, Feehally, John, 3rd ED. Mosby 2007.</p> <p>9. Renal Diseases Prevention and Management: A physicians perspective, Feehally, John, Jaypee Brothers, 2008.</p> <p>10. Seldin and Giebischs the Kidney: Physiology and Pathophysiology, Alpern, Robert. J, Vol</p>

	http://www.medi.ru/doc/0000.htm 4th ED. Academic Publisher, 2008
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COURSE POLICY AND EVALUATION CRITERIA:

Type of control (current, milestone, final)	Control form	Assessment of learning outcomes
Attendance	For one missed lesson minus 2 points	20 points
Current control	Oral survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (modul submission)	Testing, control tasks	40 points
Final control (differential test)	Conversation, examination (test.edu.kg)	100 points

Scale of correspondence between grades and scores on the final control (exam)	
Score	Grade
90-100	«excellent»
76-89	«good»
60-75	«satisfactory»
0-59	«unsatisfactory»

Course Plan	Lecture	Nephrology
1 week	Lec Pr	Anatomy and physiology of the kidney
2 week	Lec Pr	Acute and chronic glomerulonephritis
3 week	Lec Pr	Acute and chronic pyelonephritis
4 week	Lec Pr	Renal amyloidosis
5 week	Lec Pr	Tubulointerstitial nephropathy Clinic of acute and chronic TIN
6 week	Lec Pr	Kidney damage in metabolic and systemic diseases
7 week	Pr	Acute renal failure

8 week	Pr	Chronic renal failure
9 week	Pr	Kidney stone disease
10 week	Pr	Emergency conditions in nephrology