

**TOPICS OF PRACTICAL CLASSES ON DISCIPLINE  
« CLINICAL PHARMACOLOGY »  
FOR THE 6<sup>TH</sup> YEAR STUDENTS OF THE FACULTY OF INTERNATIONAL  
STUDENTS WITH  
ENGLISH TEACHING  
2020-2021 ACADEMIC YEAR**

№	Topic	Academic hours
<b>1.</b>	Fundamentals of clinical pharmacology	
1.1.	Goals and objectives of the discipline "Clinical Pharmacology", the stages of development, the relationship with other disciplines. Nomenclature of drugs. Original and generic drugs. Clinical trials and state regulation of drugs. Types of equivalence of drugs. Fundamentals of Evidence-Based Medicine. The importance of the principles of evidence-based medicine for clinical practice. Clinical protocols for diagnosis and treatment. Rules for prescribing and dispensing drugs.	7
1.2.	Clinical pharmacokinetics and pharmacodynamics of drugs. Drug Interactions. Adverse drug reactions. Identify, register and prevent adverse drug reactions. Principles of the use of drugs in pregnant, breast-feeding women during pregnancy and lactation, in elderly patients, patients with liver and kidney diseases. Drugs and receptors. Pharmacological and allergic patient history. Clinical pharmacology of anti-allergic drugs. Anaphylaxis. Medicinal anaphylactic shock, first aid.	
<b>2.</b>	Clinical pharmacology of antibacterial drugs. Basics of rational antibiotic therapy	7
<b>3.</b>	Clinical pharmacology of antiviral, antimycotic and antiprotozoal drugs. Principles of treatment of acute respiratory viral infections. Clinical pharmacology of steroid and nonsteroidal anti-inflammatory drugs, opioid analgesics	7
<b>4.</b>	Clinical pharmacology of respiratory drugs	7
<b>5.</b>	Clinical pharmacology of cardiovascular drugs (part 1)	7
<b>6.</b>	Clinical pharmacology of cardiovascular drugs (part 2)	7
<b>7.</b>	Clinical pharmacology of gastrointestinal drugs	7
<b>8.</b>	Clinical pharmacology of drugs affecting the hemostatic system. Clinical pharmacology of hematinic drugs. Clinical pharmacology of drugs used for the treatment of type 2 diabetes and thyroid diseases	7

Head of the  
Department of Internal  
Medicine I  
31.08.2019



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