

Approved
Head of the Department of Clinical
Pharmacology BSMU
Associate professor, MD, PhD



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**THEMATIC PLAN OF LECTURES
for English-speaking groups for the specialty «General medicine»
in the department of Clinical pharmacology
(9 hours)**

1. General issues of Clinical Pharmacology

Introduction to the academic discipline «Clinical Pharmacology». Nomenclature of medicines. Original and generic medicines. Clinical trials and state registration of medicines. Types of medicines equivalence. Basis of Evidence-Based Medicine. Prescribing rules

2. Clinical pharmacokinetics and pharmacodynamics of drugs. Drug Interactions. Unwanted (adverse) reactions to medications. Principles of drug use in women during pregnancy and lactation, elderly patients, patients with liver and kidney disease

3. Clinical Pharmacology of Drugs

Clinical pharmacology of antibacterial drugs. Basics of rational antibiotic therapy

4. Clinical Pharmacology of Drugs

Clinical pharmacology of antiviral, antifungal and antiprotozoal drugs. Principles of treatment of acute respiratory viral infections

5 Clinical Pharmacology of Drugs

Clinical pharmacology of medicines used in cardiology

6 Clinical Pharmacology of Drugs

Clinical pharmacology of medicines used for the treatment of type 2 diabetes and thyroid diseases

Lectures for Supervised Student Independent Work

7. Clinical pharmacology of steroid and non-steroidal anti-inflammatory drugs, narcotic analgesics

8. Clinical pharmacology of medicines used in gastroenterology