

**COURSE OUTLINE OF LECTURES**  
**on discipline «Pharmacotherapy and fundamentals of pharmacokinetics»**  
**for the students of a 4 course (5 group) of pharmaceutical faculty on the 2014-2015 educational year**

Confirmed on the methodical conference of chair  
 Protocol № 1 from August, 29, 2014

<b>Date</b>	<b>Theme of lecture</b>	<b>Hours</b>	<b>Lecturer</b>
<b>MODULE 1: «Introduction to pharmacotherapy and the basics of pharmacokinetics. The fundamentals principles of rational pharmacotherapy. Pharmacotherapy of internal organs diseases»</b>			
04.09.2014	Object and task of discipline «Pharmacotherapy». Methods of patient investigation. Basic of the special medical terminology. Pharmacokinetics as methodology of rational pharmacotherapy. Pharmacokinetic parameters of medicines, their dependence from routes of administration.	2	Assoc. prof. A.A.Nevzgodina
18.09.2014	Pharmacotherapy of respiratory system diseases. Assessment of therapeutic effect.	2	Assoc. prof. A.A.Nevzgodina
02.10.2014	Pharmacotherapy of cardiovascular diseases. Assessment of therapeutic effect.	2	Assoc. prof. A.A.Nevzgodina
<b>MODULE 2: «Pharmacotherapy of different organs and systems pathologies»</b>			
16.10.2014	Pharmacotherapy of rheumatic diseases. Assessment of therapeutic effect.	2	Assoc. prof. A.A.Nevzgodina
30.10.2014	Principles of clinico-pharmaceutical approach to medical treatment of endocrine and metabolic disorders. Assessment of therapeutic effect.	2	Assoc. prof. A.A.Nevzgodina
<b>TOTAL</b>		<b>10</b>	

Head of the chair of clinical pharmacy,  
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**COURSE OUTLINE OF PRACTICE**  
**on discipline «Pharmacotherapy and fundamentals of pharmacokinetics»**  
**for the students of a 4 course (5 group) of pharmaceutical faculty on the 2014-2015 educational year**

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 Protocol № 1 from August, 29, 2014

Date	Theme of practice	Hours
<b>MODULE 1: «Introduction to pharmacotherapy and the basics of pharmacokinetics. The fundamentals principles of rational pharmacotherapy. Pharmacotherapy of internal organs diseases»</b>		
04.09.2014	Object and basic tasks of pharmacotherapy. Factors, influenced on efficiency safety of medications. Bases of rational pharmacotherapy. Importance of diagnostics in treatment process. Other methods of treatment. Assessment of medical history on treatment prognosis.	2
11.09.2014	Pharmacotherapy of respiratory tract diseases (bronchitis, asthma, chronic obstructive pulmonary disease, pneumonia).	2
18.09.2014	Principles of pharmacotherapy of respiratory tract diseases (tuberculosis, laryngitis, pharyngitis, tonsillitis, sore throat, rhinitis, sinusitis, polynosis, otitis).	2
25.09.2014	Principles of pharmacotherapy of cardiovascular diseases (arterial hypertension, thrombosis).	2
02.10.2014	Pharmacotherapy of atherosclerosis and coronary heart disease, cardiac insufficiency, cardiac arrhythmias, peripheral vascular disease.	2
09.10.2014	Principles of pharmacotherapy of gastrointestinal diseases (gastritis, peptic ulcer) and hepatobiliary diseases).	2
16.10.2014	Principles of pharmacotherapy of urinary tract diseases and kidney insufficiency.	2
23.10.2014	Calculation of pharmacokinetic parameters in the cases of intravascular and extravascular administration.	2
30.10.2014	Calculation of pharmacokinetic parameters in the cases in unit-dose and multy-dose administration.	2
06.11.2014	<b>The checking of individual work implementation. The control of module 1 learning.</b>	2
<b>MODULE 2: «Pharmacotherapy of different organs and systems pathologies»</b>		
13.11.2014	Pharmacotherapy of rheumatic diseases and systemic connective tissue diseases. Pharmacotherapy of allergic conditions.	2
20.11.2014	Principles of pharmacotherapy of endocrine disorders.	2
27.11.2014	Differences in pharmacokinetic parameters in the cases of administration medications for patients with concomitant diseases, for geriatric persons and children.	2
04.12.2014	Calculation of pharmacokinetic parameters in the cases of renal and liver insufficiency.	2
11.12.2014	Pharmacotherapy of blood diseases and malignant neoplasms.	
18.12.2014	Principles of pharmacotherapy in neurology (acute cerebral insufficiency, epilepsy, Parkinson disease, neuritis).	2
25.12.2014	Pharmacotherapy of septic and infectious diseases. Pharmacotherapy of skin disorders and sexually transmitted diseases	
08.01.2015	Pharmacotherapy in surgical practice (abdominal hernia, appendicitis, peritonitis), in gynecology and obstetrics.	2
15.01.2015	Pharmacotherapy in anesthesiology and intensive care, acute poisoning.	2
22.01.2015	<b>The checking of individual work implementation. The control of module 2 learning.</b>	2
<b>TOTAL</b>		<b>40</b>

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