

**COURSE OUTLINE OF PRACTICE**  
**on discipline «Pharmacoeconomics»**  
**for the students of a 4 course 5 group of pharmaceutical faculty**  
**on the 2014-2015 educational year**

Confirmed  
on the methodical conference of department  
Minutes No 7, 27<sup>th</sup> January, 2015

Date	Theme	Hours
<b>MODULE 1. «Pharmacoeconomics»</b>		
03.02.2015	Pharmacoeconomics as a science: definition, purpose, objectives, subject and object of research. Basic concepts and terms. History of pharmacoeconomics. The essence of the methodology of pharmacoeconomic studies.	2
10.02.2015	Costs as pharmacoeconomic category. Classification of pharmacoeconomic costs. Stages costs determination in pharmacoeconomic research.	2
17.02.2015	The basic indicators of the cost of treatment. Sources of reimbursement in the health system. Pharmacoeconomic evaluation of the effectiveness of pharmacotherapy.	2
24.02.2015	Information sources about drugs. Literary sources, databases, evidence-based medicine. Systematic reviews as a source of information on the clinical efficacy of drugs and medical interventions.	2
03.03.2015	Pharmacoeconomic analysis of «cost-effectiveness». Objects of research, features, advantages and disadvantages of the method.	2
10.03.2015	Modeling in pharmacoeconomics. The method of decision tree. Model of calculations in the analysis of «cost-effectiveness».	2
17.03.2015	Pharmacoeconomic analysis of «cost-benefit». The value of research in determining quality of life. Indexes QALI and assessment of benefit in pharmacoeconomic analysis.	2
24.03.2015	Pharmacoeconomic analysis of «cost-benefit».	2
31.03.2015	«Cost of illness» and «cost minimisation» as methods of pharmacoeconomic analysis.	2
07.04.2015	Methodological bases of rational consumption of medicines. Analysis of medicines consumption according to the principles of ATC/DDD.	2
14.04.2015	Frequency, ABC and VEN-analysis as methods of assessment of drugs consumption.	2
21.04.2015	Pharmacoeconomic analysis of «cost minimization» in the treatment and prevention of infectious diseases	2
28.04.2015	Pharmacoeconomic analysis of «cost-effectiveness» in the treatment and prevention of cardiovascular diseases.	2
05.05.2015	Elaboration of drug formularies based on the pharmacoeconomic analysis.	2
12.05.2015	<b>The checking of individual work implementation. The control of module 1 learning.</b>	
<b>TOTAL</b>		<b>30</b>

Heard of the department of clinical pharmacy,  
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**QUESTIONS FOR SOME SELF STUDING**  
**on discipline «Pharmacoeconomics»**  
**for the students of a 4 course 5 group of pharmaceutical faculty**  
**on the 2014-2015 educational year**

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№	Questions	Hours
<b>MODULE 1. «Pharmacoeconomics»</b>		
1.	Preparation for the practical classes to mastering the skills: <ul style="list-style-type: none"> <li>- To use the necessary legislative documents and reference books, information database on medicinal products;</li> <li>- Analyze and calculate the total cost of illness;</li> <li>- To calculate and compare the cost-effectiveness ratios of alternative scheme of pharmacotherapy and medical care;</li> <li>- Mastering the principles of cost minimizing of outpatient and inpatient treatment of patients based on evidence-based medicine and pharmacy, following the methodology of pharmacoeconomic studies.</li> </ul>	15
2.	To able: <ul style="list-style-type: none"> <li>- To use the necessary legislative documents and reference books, information database on medicinal products;</li> <li>- Analyze and calculate the total cost of illness;</li> <li>- To calculate and compare the cost-effectiveness ratios of alternative scheme of pharmacotherapy and medical care;</li> <li>- Mastering the principles of cost minimizing of outpatient and inpatient treatment of patients based on evidence-based medicine and pharmacy, following the methodology of pharmacoeconomic studies.</li> </ul>	10
3.	Individual work within a time of preparation for practical classes – preparing review of the scientific literature.	10
4.	Preparation for final control test of module 1.	7
<b>TOTAL</b>		<b>42</b>

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