



**CALENDAR-THEMATIC PLAN  
OF PRACTICAL LESSONS**

in **Laboratory diagnostics** for 3<sup>rd</sup> course  
in specialty 226 Pharmacy, industrial pharmacy  
in specialization Pharmacy ФМ21\*(4,10д)англ-01, 02 group  
(Autumn Semester, 2023-2024)

№	Date	Lesson Name	Volume in hours Type of activity	Knowledge assessment system, points	
				min	max
<b>CONTENT MODULE 1. Introduction into laboratory diagnostics. Laboratory research methods of blood, urine. The influence of drugs on laboratory parameters</b>					
1	07.09.2023	Clinical researches of the blood system. General information about the blood and the hemopoiesis. The morphology of bone marrow cells.	3	3	5
2	14.09.2023	The main clinical parameters of the blood system. The diagnostic value of parameters of the blood system.	3	3	5
3	21.09.2023	Methods of research of urinary system. Physiological features of urine formation in the body. Principles of collecting and investigations of urine.	3	3	5
4	28.09.2023	The value of general clinical analysis of urine.	2	3	5
		<i>Final test of CM 1</i>	1	18	30
<b>Total from CM 1:</b>			12	30	50
<b>CONTENT MODULE 2. Laboratory research methods of sputum, methods of investigation gastrointestinal tract. The influence of drugs on laboratory parameters</b>					
5	05.10.2023	Research sputum. Collecting of sputum and general properties of specimens. Diagnostic value of sputum in pulmonology.	3	3	5
6	12.10.2023	Clinical study of gastric contents. Technology obtaining of gastric contents for clinical analysis. The value of general clinical analysis of gastric contents.	3	3	5
7	19.10.2023	Research of duodenal content. Chemical researches of bile. Microscopic examination of duodenal content.	2	3	5
		Examination of stool. Influence of drugs on laboratory values of GIT.	1	3	5
8	26.10.2023	<i>Final test of CM 2</i>	1	18	30
<b>Total from CM 2:</b>			10	30	50
	26.10.2023	<b>Semester credit of the module 1: "Laboratory diagnostics and influence of drugs on laboratory parameters"</b>	2		
<b>THE WHOLE AMOUNT OF HOURS FOR THE MODULE 1</b>			<b>24</b>	<b>60</b>	<b>100</b>

Head of the CLD Department,  
Professor

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