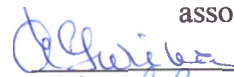


**Federal State Budgetary Educational Institution of Higher Education  
«North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian  
Federation**

*Department of biological chemistry*

**Approved**  
Head of the department,  
associate professor

 A. E. Gurina  
"01" February 2024 year.

**Rating**

*Discipline of clinical biochemistry*

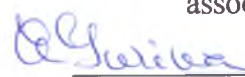
*Course 6*

*Medical faculty*

for the spring semester 2023-2024 school year

<b>№</b>	<b>The name of the theme</b>	<b>Mark</b>
1	Biochemistry and pathobiochemistry of the liver. The main hepatic syndromes. Differential diagnosis of jaundice. Hereditary hyperbilirubinemia.	5
2	Biochemistry and pathobiochemistry of the kidneys. Biochemical diagnostics of kidney diseases: glomerulonephritis, pyelonephritis, acute renal failure, chronic renal failure, urolithiasis.	5
3	Clinical and diagnostic significance of protein fractions of blood. Electrophoresis. Analysis of proteinograms. Proteins of the acute phase of inflammation and the clinical and diagnostic significance of their determination.	5
4	Violation of carbohydrate metabolism. Biochemical diagnosis of diabetes mellitus. Metabolic complications in DM.	5
5	Violation of lipid metabolism. Lipoprotein spectrum of blood plasma. Atherosclerosis - biochemical aspects of pathogenesis. Enzymatic and non-enzymatic markers of myocardial infarction.	5
6	Violations of the hemostasis system.	5
7	<b>Module.</b>	<b>15</b>
<b>Total</b>		<b>45</b>

Head of the department,  
associate professor

 A. E. Gurina  
« 01 » February 2024 year.