


**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

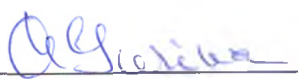
 A. E. Gurina
" 07 " February 2024 year.

Thematic plan of practical classes

Discipline of clinical biochemistry
Course 6
Medical faculty _____

for the spring semester 2023-2024 school year

№	The name of the theme	Hours
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	Module .	4

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