Study Program: Интегрисане академске студије медицине

Course Title: Дијабетес и болести липида

Course Director: проф. др Катарина Лалић

Course Status: изборни

Number of ECTS: 2

Condition: enrolled in the IV year of integrated academic studies

Course Objectives:

New knowledge in the field of diagnosis, therapy and prevention of diabetes and disorders of lipid metabolism

Course outcome:

Students are trained in the diagnostic procedures of diabetes and lipid disorders, they have mastered the principles and method of insulin therapy in diabetes, they have acquired the skills of diagnosing familial HLP, as well as treating lipid disorders, they know how to detect patients at risk of developing diabetes

Course Content:

Lectures:

Modern diagnosis of diabetes
Principles of insulin therapy in diabetes
Prevention of type 2 diabetes
Diagnostic procedures in lipid disorders
Treatment of lipid disorders

Practical teaching: Exercises, Other forms of teaching, Study research work

Prevention of type 2 diabetes - seminar
Principles of insulin therapy in diabetes - practical teaching (exercises)
Treatment of lipid disorders and familiarization with the principles of LDL apheresis - practical teaching (exercises)

Literature

1. Pirillo A, Tokgözoğlu L, Catapano AL. European Lipid Guidelines and Cardiovascular Risk Estimation: Current Status and Future Challenges. Curr Atheroscler Rep. 2024 Mar 2. doi: 10.1007/s11883-024-01194-7
2. Ferri N, Ruscica M, Fazio S, Corsini A. Low-Density Lipoprotein Cholesterol-Lowering Drugs: A Narrative Review. J Clin Med. 2024 Feb 7;13(4):943.
3. Suryawanshi YN, Warbhe RA. Familial Hypercholesterolemia: A Literature Review of the Pathophysiology and Current and Novel Treatments. Cureus. 2023 Nov 20;15(11):e49121.
4. Longendyke R, Grundman JB, Majidi S. Acute and Chronic Adverse Outcomes of Type 1 Diabetes. Endocrinol Metab Clin North Am. 2024 Mar;53(1):123-133.
5. American Diabetes Association Professional Practice Committee. Diagnosis and Classification of Diabetes: Standards of Care in Diabetes-2024. Diabetes Care. 2024 Jan 1;47(Suppl 1):S20-S42.

Number of active teaching hours: 6	**Theoretical Teaching: 6**	**Practical Teaching:** Seminar - 2 Preparation of seminar and independent work - 15

Methods of Teaching

Theoretical (lectures); practical (exercises and independent work); seminar

Knowledge assessment (maximum number of points 100)

Pre-exam obligations	Points	**Final Exam**	Points
Activity during lectures	10	Practical exam	40
Practical Teaching	25	Written exam	
Colloquia		……	
Seminar (s)	25		

**The methods of assessment can be different, these listed in the table are just some options: (written exams, oral exam, project presentation, seminars etc .....*

* maximum length of 2 A4 pages