

II

COURSE SCHEDULE

Pathophysiology

Academic year: 2020./2021.
Study: **Medicine**

Course Coordinator: Prof. dr. sc. Zlatko Trobonjača, dr. med.

Date	Title of Lectures / Seminars / Practicals	Teaching	Groups	Lecturer
14. 12. 2020. S1 (14,30-16,45)	Pathophysiology of DNA: DNA damages, chromosomal aberrations, genomic instability. Gene expression disorders. Hereditary metabolic diseases.	On-line	Group A	Mr. sc. Borko Rajić, dr. med.
15. 12. 2020. L1 (13,00-14,30).	Introduction to pathophysiology. General causes and development of pathophysiological processes. Homeostatic maintenance and disorders. Health and disease. An integrative approach to the disease.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
15. 12. 2020. P1 (14,45-17,00)	Leukocytes and the monocyte-macrophage system disorders. Biological etiological factors.	On-line	Group A	Mr. sc. Borko Rajić, dr. med.
16. 12. 2020. L3 (09,15-10,45)	Inflammation.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
16. 12. 2020. P2 (11,00-13,15)	Physical and chemical etiological factors.	On-line	Group A	Daniela Bevanda Glibo, dr. med.
17. 12. 2020. L2 (10,30-12,00).	Principles of the pathogenetic mechanisms.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
17. 12. 2020. S2 (13,00-15,15)	Functional disorders of subcellular structures.	On-line	Group A	Benjamin Palić, dr. med.
18. 12. 2020. L4 (10,30 - 12,00)	Endogenous bioactive compounds in disease processes.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
18. 12. 2020. P3 (12,15-14,30)	Disorders of the composition and structure of plasma protein. Function disorders of the spleen. Haematological laboratory tests.	On-line	Group A	Mr. sc. Marija Šandrk, dr. med.
21. 12. 2020. L5 (10,15-11,45)	Immunopathophysiology. Immunopathogenetic role of the HLA system. Tissue transplant reactions.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
21. 12. 2020. S4 (12,00-14,15)	Function and composition disorders of blood and hematopoetic organs.	On-line	Group A	Benjamin Palić, dr. med.
22. 12. 2020. L6 (13,00-14,30)	Immunodeficiencies. Autoimmunity.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
22. 12. 2020. S3 (14,45-17,00)	Immune hypersensitivities and transfusion reactions.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
23. 12. 2020. L7 (10,30 - 12,00)	Malignant transformation and growth. Disorders of energy metabolism.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
23. 12. 2020. P4 (12,15-14,30)	Hemostasis and blood clotting disorders.	On-line	Group A	Mr. sc. Marija Šandrk, dr. med.

Christmas and New Year holidays				
07. 01. 2021. L8 (12,30-14,00)	Red blood cells disorders.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
07. 01. 2021. L9 (14,15-15,45)	White blood cells disorders.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
08. 01. 2021. L10 (10,30-12,00)	Disorders of myocardial function. Disorders of the heart valve function. Congenital heart defects. Cardiac filling disorders. Cardiac output disorders.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
08. 01. 2021. S5 (12,15-15,30)	Disorders of impulse conduction. Heart rhythm disorders. Heart adaptation to the functional load.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
11. 01. 2021. L11 (10,30-12,00)	The coronary circulation and ischemic heart disease.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
11. 01. 2021. P5 (12,15-15,30)	Electrocardiographic interpretation of disorders of the heart muscle and coronary circulation - Vectorial analysis	On-line	Group A	Ante Mandić, dr. med.
12. 01. 2021. S6 (11,00-13,15)	Cardiac Failure.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
12. 01. 2021. P6 (13,30-15,45)	Cardiac arrhythmias and their electrocardiographic Interpretation. Pathological electrocardiogram.	On-line	Group A	Ante Mandić, dr. med.
13. 01. 2021. L12 (11,15-12,45)	Disorders of arterial pressure. Hypertension. Local tissue perfusion disorders.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
13. 01. 2021. S7 (13,00-15,45)	Disorders of arterial pressure and blood flow.	On-line	Group A	Mr. sc. Borko Rajić, dr. med.
14. 01. 2021. L13 (11,15-12,45)	Circulatory Shock.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
14. 01. 2021. S8 (13,00-15,15)	Circulatory Shock.	On-line	Group A	Mr. sc. Marija Šandrk, dr. med.
15. 01. 2021. L14 (11,15-12,45)	Overview of the renal functions disorders.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
15. 01. 2021. S9 (13,00-15,15)	Disorders of osmolality and hydration of the body. Disorders of extracellular fluid distribution.	On-line	Group A	Mr. sc. Borko Rajić, dr. med.
18. 01. 2021. S10 (11,00-13,15)	Disorders of urine quantity and composition.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
19. 01. 2021. L15 (11,15-12,45)	Overview of the respiratory system disorders.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
19. 01. 2021. S11 (13,00-15,15)	Pathophysiology of the respiratory system.	On-line	Group A	Mr. sc. Borko Rajić, dr. med.
20. 01. 2021. L16 (11,15-12,45)	Chronobiological pathophysiology.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača

20. 01. 2021. S12 (13,00-15,15)	Disorders of electrolytic homeostasis.	On-line	Group A	Mr. sc. Borko Rajić, dr. med.
21. 01. 2021. S13 (13,30 - 15,45)	Acid-base balance disorders.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
21. 01. 2021. (16,00-17,00)	Midterm exam I	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača Doc. dr. Slavica Čorić Mr. sc. Borko Rajić Mr. sc. Marija Šandrk, dr. med. Daniela Bevanda Glibo, dr. med. Benjamin Palić, dr. med.
22. 01. 2021. L17 (11,15 - 12,45)	Pathophysiology of gastrointestinal system.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
22. 01. 2021. S14 (13,30 - 15,45)	Disorders of metabolism of proteins and carbohydrates. Disorders of dietary balances.	On-line	Group A	Mr. sc. Marija Šandrk, dr. med.
25. 01. 2021. L18 (11,15 - 12,45)	Disorders of pancreatic endocrine function. Diabetes mellitus.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
25. 01. 2021. P7 (13,30 - 15,45)	Disorders of the digestive system and metabolism.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
26. 01. 2021. S15 (13,30-15,45)	Lipid metabolism disorders. Atherosclerosis.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
27. 01. 2021. S16 (08,30 - 10,45)	Pathophysiology of the liver.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
27. 01. 2021. P8 (11,00 - 13,15)	Pathophysiology of the liver and exocrine pancreas.	On-line	Group A	Daniela Bevanda Glibo, dr. med.
28. 01. 2021. S17 (11,00 - 13,55)	Disorders of energy metabolism. Disorders of thermoregulation.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
29. 01. 2021. L19 (09,15 - 10,45)	Causes of endocrinopathies. Disorders of pituitary function. Thyroid gland disorders.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
29. 01. 2021. S18 (11,00 - 13,15)	Disorders of specific metabolic substances.	On-line	Group A	Mr. sc. Marija Šandrk, dr. med.
01. 02. 2021. S19 (11,00-13,15)	Structural and functional disorders of connective and bone tissue.	On-line	Group A	Mr. sc. Borko Rajić, dr. med.
02. 02. 2021. L20 (08,30 - 10,00)	Functional disorders of the cortex and medulla of the adrenal gland.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
02. 02. 2021. P9 (10,30 - 12,45)	Endocrinopathies.	On-line	Group A	Prof. dr. sc. Zlatko Trobonjača
03. 02. 2021. L21 (11,15 - 12,45)	Disorders of gonadal function.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.

03. 02. 2021. P10 (13,00- 15,15)	Disorders of conception, pregnancy, fetal growth and development. Disorders of sexual function.	On-line	Group A	Mr. sc. Marija Šandrk, dr. med.
04. 02. 2021. L22 (11,15 - 12,45)	Disorders of parathyroid glands function. Disorders of calcium, phosphate and magnesium metabolism.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
04. 02. 2021. S20 (13,00- 15,15)	Disorders of neurovegetative regulation. Disorders of consciousness.	On-line	Group A	Benjamin Palić, dr. med.
05. 02. 2021. L23 (10,30 - 12,00)	Integral organismic reactions to noxious stimuli.	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac, dr. med.
05. 02. 2021. (12,30 - 13,30)	Midterm exam II	On-line	Group A	Prof. dr. sc. Hrvoje Jakovac Doc. dr. Slavica Čorić Mr. sc. Borko Rajić Mr. sc. Marija Šandrk, dr. med. Daniela Bevanda Glibo, dr. med. Benjamin Palić, dr. med.