

**PLAN OF PRACTICAL CLASSES in Normal Physiology
for the spring term for academic year 2023/2024 for the international students of
General Medicine faculty of the 2nd year studying in English**

Week of studying	Date	Groups: batch 2 (6211en-6221en), batch 3 (6222en-6232en), batch 4 (6233en), batch 5 (6207, 6234-6238en)					
		Days of the week, lesson					
		Mon	Tue	Wed	Thu	Fri	Sat
19 (1)	12.02.-16.02.	19	19	19	19	19	×
20 (2)	19.02.-23.02.	20	20	20	20	20	×
21 (3)	26.02.-01.03.	21	21	21	21	21	×
22 (4)	04.03.-07.03.	22	22	22	22	× (08.03)	×
23 (5)	11.03.-15.03.	23	23	23	23	22+23	×
24 (6)	18.03.-22.03.	24	24	24	24	24	×
25 (7)	25.03.-29.03.	25	25	25	25	25	×
26 (8)	01.04.-05.04.	26	26	26	26	26	×
27 (9)	08.04.-12.04.	27	27	27	27	27	×
28 (10)	15.04.-19.04.	28	28	28	28	28	×
29 (11)	22.04.-26.04.	29	29+30	29+30	29+30	29	×
30 (12)	29.04.-03.05.	30	31	× (01.05)	31	30	×
31 (13)	06.05.-10.05.	31	32	31	× (09.05)	31	×
32 (14)	13.05.-18.05.	→ (18.05)	× (14.05)	32	32	32	32
33 (15)	20.05.-24.05.	33	33	33	33	33	×
34 (16)	27.05.-31.05.	34	34	34	34	34	×
35 (17)	03.06.-07.06.	35	35	35	35	35	×

Week of studying	Themes of practical classes (4 hours)
19 (1)	Hemodynamics. Functional indices of blood circulation. Microcirculation
20 (2)	Physiological properties and peculiarities of the heart muscle
21 (3)	Cardiac cycle. Methods of the heart investigation
22 (4)	Regulation of the circulation 1 (regulation of the heart function)
23 (5)	Regulation of blood circulation 2 (regulation of the arterial blood pressure)
24 (6)	Lung ventilation and basic types of its disorder. Lung ventilation indices
25 (7)	Gas exchange in the lungs and tissues. Transport of gases by blood
26 (8)	Regulation of respiration
27 (9)	Functional reserves of the hemocardiorespiratory system in gas exchange
28 (10)	The concluding lesson “PHYSIOLOGY OF CIRCULATION AND RESPIRATION”
29 (11)	General characteristics of digestion. Regulation of eating behavioral. Digestion in the oral cavity and in the stomach
30 (12)	Digestion in the small and large intestine. The role of the pancreas and liver for digestion
31 (13)	Energy balance and metabolism. Principles of healthy nutrition. Thermoregulation
32 (14)	Physiology of excretion
33 (15)	The concluding lesson “PHYSIOLOGY OF DIGESTION. SUBSTANCE AND ENERGY METABOLISM. THERMOREGULATION. EXCRETION”
34 (16)	Innate and acquired adaptive reactions of the organism to changing environmental conditions. Types of higher nervous activity
35 (17)	Higher integrative brain functions as physiological basis of human mental functions

Head of the Department
of Normal Physiology, professor



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