

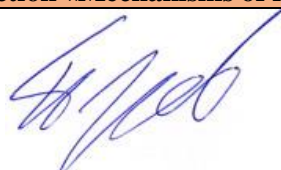
PLAN OF PRACTICAL CLASSES
in “Normal Physiology” for the spring term of academic year 2023-2024
for international student in specialty “Dentistry” of the 1st year studying in English

Academic week	Date	Groups: 6146EN-6149EN, 6151EN, 6153EN					
		Weekdays, Lesson №					
		Mon	Tue	Wed	Thu	Fri	Sat
1	12.02.-16.02.	1	1	1	1	1	×
2	19.02.-23.02.	2	2	2	2	2	×
3	26.02.-01.03	3	3	3	3	3+4	×
4	04.03.-07.03.	4	4	4	4	× (08.03)	×
5	11.03.-15.03.	5	5	5	5	5	×
6	18.03.-22.03.	6	6	6	6	6	×
7	25.03.-29.03.	7	7	7	7	7	×
8	01.04.-05.04.	8	8	8	8	8	×
9	08.04.-12.04.	9	9	9	9	9	×
10	15.04.-19.04.	10	10	10	10	10	×
11	22.04.-26.04.	11	11+12	11+12	11+12	11	×
12	29.04.-03.05.	12	13	× (01.05)	13	12	×
13	06.05.-10.05.	13	14	13	× (09.05)	13	×
14	15.05.-18.05.	→ (18.05)	× (14.05)	14	14	14	14
15	20.05.-24.05.	15	15	15	15	15	×
16	27.05.-31.05.	16	16	16	16	16	×
17	03.06.-07.06.	17	17	17	17	17	×
18	10.06.-14.06.	18	18	18	18	18	×

Academic week	Topic of practical classes (3 academic hours)
1	Introduction. The subject and tasks of Normal Physiology. Homeostasis. Physiology of the blood system
2	Physiological functions of red blood cells and platelets. Hematopoiesis. Erythrocytopoiesis. Thrombocytopoiesis. Hemostasis system.
3	Physiological functions of white blood cells. Leukopoiesis. Non-specific and specific resistance of the human body. Physiological evaluation of the complete blood count.
4	Blood types. ABO system. Rhesus (Rh) and other systems. Physiological bases of blood matching for the transfusion.
5	Fundamentals of information exchange of the cell with the environment. Chemical signaling. General physiology of endocrine system.
6	Special physiology of endocrine system.
7	Physiology of endocrine system. Physiology of bone tissue and regulation of calcium-phosphorus metabolism
8	Concluding lesson on the sections «Introduction in the discipline “Normal Physiology”. The basic concepts», «The internal environment of the human body. Physiology of the blood», «Mechanism of physiological functions regulation»
9	Electrical signaling. Laws of response of excitable tissues. Biological potentials. Changes in excitability during excitation.
10	Conduction of excitation by nerve fibers. Neuro-muscular synaptic transmission.
11	Physiology of skeletal muscles.
12	Physiology of the muscles of the maxillofacial region. Smooth muscles. The concept of myoepithelial and glandular cells.
13	Physiology of central nervous system.
14	Concluding lesson on section « General Physiology»
15	Role and functions of the spinal cord, brainstem and cerebellum.
16	Special physiology of the central nervous system (midbrain, forebrain).
17	Physiology of the autonomous (autonomic) nervous system.
18	Concluding lesson on the section «Mechanisms of regulation of physiological functions». CREDIT

Credit – 102 ч / 3 з.е.

Head of department
Normal Physiology,
MD, PhD, professor



В.А.Переверзев