

24.12.19

**THE DATE-THEMATIC PLAN OF PRACTICAL CLASSES ON NORMAL PHYSIOLOGY
FOR ENGLISH-SPEAKING STUDENTS OF CURE FACULTY
FOR DISCIPLINE “PHYSIOLOGICAL BASIS OF ACUTE MEDICAL PROBLEMS” FOR
THE IVTH TERM 2019-2020**

Course - 2nd

Place of occupations – sanitary building.

№	Topic	Purpose and objectives	Content of the theme	hours
1 3.02-9.02.	Private physiology of a CNS	GC -1,5, GPC -1,5, 7 PC - 15, 16	The functional characteristic of departments of a brain. A role of various structures of a brainstem and major hemispheres in regulation of physiological functions of an organism.	3
2 10.02-16.02	CNS research techniques	GC -1,5, GPC -1,5, 7 PC - 15, 16	General characteristic of research techniques of a CNS. An electroencephalography. A stereotaxis. The Positron emission tomography. Recording of evoked potentials.	3
3 17.02-23.02	Locomotion regulation	GC -1,5, GPC -1,5, 7 PC - 15, 16	Locomotion general characteristic. Motorial touchsensitive system. Spinal mechanisms of regulation of movements. A brainstem role in regulation of movements. A cerebellum role in regulation of movements. A role of basal kerns and a thalamus in regulation of movements. Cortical regulation. The blanket diagramme of the organisation of purposeful movements.	3
4 24.02-1.03	Hormonal control of growth and organism development. Maintenance of a calcium homeostasis	GC -1,5, GPC -1,5, 7 PC - 15, 16	To make definition and the characteristic of processes «Growth and Development», to spot critical periods of development of an organism and factors, their spotting, to Characterize hormones influencing processes of growth of an organism in different periods of its development.	3
5 2.03-8.03	Reproduction system	GC -1,5, GPC -1,5, 7 PC - 15, 16	The role of components of the functional system sustaining a constance of the content of calcium in a blood.	3
6 9.03-15.03	Physiological system the pregnant woman - a placenta - a foetus. From a foetus to the newborn.	GC -1,5, GPC -1,5, 7 PC - 15, 16	The general characteristic a pre-natal period, a period of a sexual maturity at men. A period of a sexual maturity at women. Sexual motivation and behaviour. Sexual intercourse, phases and mechanisms. Pregnancy physiology. Physiology of sorts. Lactogenesis and lactemia physiology	3
7 16.03-22.03	Adaptation as a total problem of physiology. Stress physiology. Bases of HLS.	GC -1,5, GPC -1,5, 7 PC - 15, 16	The characteristic of change of functions of an organism of the woman during pregnancy, the functional role of a placenta in a fetation, mechanisms of start of sorts, a state of a winter sleep of a foetus at the time of delivery. To yield a general characteristic of adaptation, formation of its structural trace of adaptation. Adaptation mechanisms. Differences between adaptation and neutralisation. Criterion of adaptation. Concepts of adaptic medicine.	3
8 23.03-29.03	The balanced food to the up-to-date theory of a food. A food and intelligence	GC -1,5, GPC -1,5, 7 PC - 15, 16	A general characteristic of a stress-syndrome, mechanisms of interaction stress-realising and stress-limiting of systems. Stress types. Ъыстрец and a distress. Methods of prophylaxis stress-induced of diseases.	3
9	The functional	GC -1,5,	The characteristic of streams of substances in the course of	3

30.03-5.04	loading tests as the indicator of physiological reserves of an organism	GPC -1,5, 7 PC - 15, 16	digestion, influence of a food on endocrine function of an organism, a microbiocenosis, intelligence development.	
10.04-12.04	Ecological physiology. Hypoxia problems. Control.	GC -1,5, GPC -1,5, 7 PC - 15, 16	The characteristic of oxygen-transporting system, to survey the most problematic in the conditions of norm a hemodynamic part. To characterise MПK as criterion of adaptable possibilities of an organism	3