

Discussed and confirmed
on the methodical council of the department
January 14, 2022.

HISTOLOGY INDEPENDENT WORK
on discipline “Histology, Cytology and Embryology”
for students of Faculty of Dentistry, 1st year,
Spring semester. Academic year 2021-2022.

1.	Development of the eye.	2
2.	Development of the ear.	2
3.	Nerve endings in skin, their role in statokinetic system.	2
4.	Development of oral cavity and organs of digestive system.	3
5.	Structural bases of digestion. Neurohumoral regulation of digestion.	3
6.	Gut-associated lymphoid tissue.	3
7.	Development of digestive glands. Regulation of secretory activity and regeneration of digestive glands.	3
8.	Endocrine apparatus of digestive glands. Morphological peculiarities of different types of islet cells of pancreas.	2
9.	Preparation for Summary lesson 2. Digestive system.	4
10.	Development of respiratory system. Neurohumoral regulation of mucociliary apparatus and bronchial tone.	2
11.	Development of urinary system. Structural bases of urine concentration.	2
12.	Development of organs of male reproductive system. Structural and molecular criteria of the diagnostics of male infertility.	2
13.	Development of organs of female reproductive system. Regulation of ovarian-menstrual cycle. Cervix of uterus.	2
14.	Endometrial receptivity and mechanisms of implantation. Mechanisms of placental development. Regularities of organogenesis.	2
15.	Preparation for summary lesson 3. Special Histology and Embryology of respiratory, urinary and reproductive organs. Medical embryology.	4

In total 38 hours.

**Chief of the Department of Histology
and Embryology,
Assoc.Prof.**

Ilona Chelpanova, Ph.D., M.D.

**Deputy for Academic work,
Assoc. Prof.**

Olga Yuzych, PhD