

Summary of the practical sessions. General histology.

General medicine 1st year.

Summer term.

1. Introduction: The rules of health security during the teaching process of Histology. Histological techniques.
2. Epithelial tissues I.: Simple and stratified epithelia (*sole of the foot, vagina, lip, gallbladder, thyroid gland, kidney*).
3. Epithelial tissues II.: Pseudostratified, transitional and specialized epithelium (*soft palate, urinary bladder, ureter, suprarenal gland, liver*).
4. Epithelial tissues III.: Serous and mucous glands (*colon, parotid gland, pancreas, duodenum, sublingual gland*), glands in the skin (*axilla, eyelid, lip, labium majus*).
5. Recapitulation of the previous topic.
6. Connective tissue: Collagenous, elastic, reticular, mucous (*spleen, aorta, kidney - Gomori, umbilical cord, lip embr.*).
7. Connective tissue II.: Cartilage and bone (*auricle, trachea, epiglottis, lung*), desmogenous and endochondral ossification (*fetus 40 mm - fetal head and fetal upper extremity, fetal rib*), *tooth*
8. Hematology: Diagnostic of the blood smear. Arnetz's line, Hynek's numeral.
9. Muscular tissue: Smooth, skeletal and cardiac muscle (*stomach, oesophagus, tongue, heart*).
10. Nervous tissue: Neural elements of CNS and PNS (*spinal cord, cerebellum, cerebral cortex, peripheral nerve*).
11. Recapitulation of the slides.
12. Blood vessels and the heart (*heart, aorta, artery and vein, vessels of various organs, capillaries*).
13. Revision of the whole topic.
14. Consultation, course credit.

TEST 1: 10.3. – 28.3.2025

TEST 2: 7.4. – 25.4.2025

TEST 3: 28.4. – 16.5.2025

FINAL TEST: from 19.5.2025