

The program of the courses of Human Anatomy for 1-st year students

Dentistry Faculty

Upper and Lower limbs.

Seminars and practical classes

Upper limb.

Course 1. (17.11.21) Regions of the upper limb. Muscles of the shoulder girdle, arm, forearm and hand (position, innervation, function).

Course 2. (23.11.21) The brachial plexus- origin, relations, short and long branches. Injuries of the nerves.

Course 3. (24.11.21) The axillary artery and its branches. Brachial artery with branches, radial and ulnar artery with branches, superficial and deep palmar arch, dorsal and palmar carpal network. Superficial veins. Pulse detection.

Course 4. (30.11.21) Topography of the upper limb. The axillary cavity. The delto-pectoral sulcus and trigone. The medial and lateral bicipital groove. The cubital fossa- limits and contents. The anatomical snuff-box. Retinaculum of flexors- the carpal tunnel, borders and contents. Retinaculum of extensors- compartments and contents.

Course 5. (01.12.21) Regions of the lower limb. Muscles of the pelvic girdle, thigh, leg and foot (position, innervation, function). Topography of the lower limb. The greater and lesser sciatic foramina. Obturator canal. Femoral canal. The inguinal ligament. Lacuna communis (lacuna vasorum and musculorum). The greater femoral triangle. The lesser femoral triangle- iliopectineal fossa. The femoral canal. The adductors' canal. The popliteal fossa- limits and contents. Medial malleolar canal - borders and contents. Retinaculi of flexors and extensors.

Course 6. (07.12.21) The ilio-sacral plexus- short and long branches. Palsy of the nerves.

Course 7. (08.12.21) The common iliac artery. The internal iliac artery- parietal branches, external iliac artery. The femoral artery and its branches. The popliteal artery-course and branches. Vessels of the foot (arterial arches, veins). Pulse detection.

Course 8. (14.12.21) Test- Examination Center at 13.45-14.45

(15.12.21) Practical test