

Axial skeleton 2024/2025

03.10.2024 <i>(Thursday)</i>	Lecture 1 – Library, room 306
03.10.2024 <i>(Thursday)</i>	Class Regulations and Policies
04.10.2024 <i>(Friday)</i>	Lecture 2 – Library, room 306
08.10.2024 <i>(Tuesday)</i>	<p>General Terms: planes and axes, terms of direction and relation, lines used for the body description. General terms used for bones, the shape of bones.</p> <p>Bones, joints, and ligaments: bony, cartilaginous, and synovial joints (principal and accessory structures of synovial joints).</p> <p>Varieties and classification of synovial joints. Types of movements.</p> <p>Vertebral column: primary and secondary curvature. The function of the vertebral column. Structure and function of the intervertebral disc.</p> <p>Vertebra: structural elements of a vertebra, cervical vertebra (typical and atypical), thoracic vertebra (typical and atypical), lumbar vertebra (typical and atypical), sacrum, and coccyx. Origin and insertion of the muscles. Syndesmoses and synchondroses of the vertebral column.</p> <p>Synovial joints: median and lateral atlantoaxial joint, lumbosacral joint, sacrococcygeal joint, intervertebral and zygapophysial joint. Accessory structures and classification of joints. Movements of the vertebral column.</p> <p>Body surface anatomy, palpation, and surface markings – the spinous processes as anatomical landmarks.</p> <p>Topographical elements: vertebral canal, sacral canal, intervertebral foramen, foramen of the transverse process, and their content.</p> <p>Radiological anatomy: X-ray, CT, MR.</p>
09.10.2024 <i>(Wednesday)</i>	Flipped spotters
10.10.2024 <i>(Thursday)</i>	Lecture 3 – Library, room 306
10.10.2024 <i>(Thursday)</i>	<p>Neurocranium: frontal bone (squamous part, nasal part, orbital part), parietal bone (external and internal surface), occipital bone (foramen magnum, basilar part, lateral part, squamous part), ethmoid bone (cribriform plate, perpendicular plate, ethmoidal labyrinth). Origin and insertion of muscles.</p> <p>Cranial fibrous joints (cranial sutures, dentoalveolar syndesmosis) and cranial synchondroses. Sutures.</p> <p>Topographical elements: anterior and posterior ethmoidal foramen, jugular foramen. Clinical Anatomy: Suboccipital puncture.</p>
11.10.2024 <i>(Friday)</i>	Lecture 4 – Library, room 306

15.10.2024 (Tuesday)	Neurocranium: sphenoid bone (body of the sphenoid, lesser wing, greater wing pterygoid process), temporal bone (petrous part, tympanic part, squamous part). Origin and insertion of muscles. Topographical elements of the skull and its communication part 1: anterior, middle, and posterior cranial fossa. Radiological Anatomy: X-ray, CT, MR Clinical Anatomy: Cranial fontanelles.
16.10.2024 (Wednesday)	Flipped spotters
17.10.2024 (Thursday)	Lecture 5 – Library, room 306
17.10.2024 (Thursday)	Splanchnocranium: maxilla, palatine bone, zygomatic bone, nasal bone, lacrimal bone, vomer, inferior nasal concha, mandible, hyoid bone. Cranial synovial joints: temporomandibular joint and atlantooccipital joint. Articular surfaces, accessory structures, movements, and classification. Sutures. Origin and insertion of muscles. Topographical elements of the skull and its communication part 2: orbit, nasal cavity, temporal fossa, infratemporal fossa, pterygopalatine fossa, and oral cavity proper. Canals and foramen of the skull and their content. Body surface anatomy, palpation, and surface markings. Clinical Anatomy: Paranasal sinuses. Concha bulbosa types, accessory ethmoidal cells (anterior and posterior). Fractures of neurocranium and splanchnocranium Radiological Anatomy: X-ray, CT, MR
18.10.2024 (Friday)	Lecture 6 – Library, room 306
22.10.2024 (Tuesday)	Topographical elements of the skull and its communication part 3: orbit, temporal fossa, infratemporal fossa, pterygopalatine fossa, oral cavity, nasal cavity. Cranial Canals and content: palatovaginal canal, vomerovaginal canal, condylar canal, hypoglossal canal, optic canal, pterygoid canal, facial canal, carotid canal, greater and lesser palatine canal, infraorbital canal, mandibular canal, canaliculus for chorda tympani, cochlear canaliculus, vestibular canaliculus, tympanic canaliculus, mastoid canaliculus, caroticotympanic canaliculi, semicanal for tensor tympani, semicanal for auditory tube, incisive canal. Clinical anatomy. Radiological anatomy: X-ray, CT, MR
23.10.2024 (Wednesday)	Flipped spotters
24.10.2024 (Thursday)	CREDIT - Axial skeleton – MCQ (Lecture 7 CSM, Lecture Hall) and spotters
25.10.2024 (Friday)	Lecture 8 – Library, room 306