

HEAD 2024/2025

<p>26.11.2024 (Tuesday)</p>	<p>Topographical elements of the skull (fossa, cavities and canals) - review.</p> <p>Surface anatomy of the head. Regions of the head. Scalp: skin, subcutaneous tissue, epicranial aponeurosis, loose connective tissue, periosteum. Scalp muscles. Arterial supply and venous return of scalp. Innervation of the scalp: somatic and branchiomeric (sensory and motor). Clinical anatomy: extracranial hematoma, epidural hematoma, subaponeurotic space, “danger space”.</p> <p>Muscles and fasciae of the head: facial expression muscles and mastication muscles origin and insertion, function. Accessory muscles of mastication.</p> <p>Facial nerve (CN VII): facial canal. motor part, motor branches, parasympathetic fibers, secretory fibers and sensory fibers. Course of CN VII. Facial canal. Intermediate nerve. Nuclei and branches of CN VII. Secretory and taste fibres. Pterygopalatine ganglion, submandibular ganglion, sublingual ganglion. Pre- and postganglionic fibers.</p> <p>Vessels of the head: (arteries, veins and lymphatics). external and internal carotid artery, venous drainage of the head, retromandibular vein. Autonomic nervous system of the head.</p> <p>Visual pathway. Auditory pathway. Vestibular pathway.</p> <p>Radiological anatomy of the head.</p>
<p>27.11.2024 (Wednesday)</p>	<p>1st retake – CNS - spotters</p>
<p>28.11.2024 (Thursday)</p>	<p>1st retake – CNS – MCQ</p>
<p>28.11.2024 (Thursday)</p>	<p>Facial nerve (CN VII): facial canal. motor part, motor branches, parasympathetic fibers, secretory fibers and sensory fibers. Course of CN VII. Facial canal. Intermediate nerve. Nuclei and branches of CN VII. Secretory and taste fibres. Pterygopalatine ganglion, submandibular ganglion, sublingual ganglion. Pre- and postganglionic fibers. Temporomandibular joint review: structures, movements. Mandibular dislocation. Parotid gland and parotid duct: morphology, innervation, blood supply. Dural venous sinuses: cavernous sinus, venous drainage pathway. Intermediate nerve: nuclei, fibers and branches. Branchial arch derivatives.</p> <p>Oral cavity: oral vestibule, oral cavity proper, glands of oral cavity, (major and minor salivary glands), teeth (deciduous and permanent), tongue (blood supplying and innervation), muscles of tongue, fauces (soft palate), muscles of soft palate and fauces, pharynx (cavity of pharynx, nasopharynx, oropharynx, laryngopharynx), muscle of pharynx.</p> <p>Tonsillar vasculature. Waldeyer’s ring. Tonsillectomy. Salivary glands. Innervation of the oral cavity structures: CN V, CN IX, CN X, CN XII</p> <p>Clinical Anatomy: clinical anatomy of CN VII supranuclear, and nuclear injury, upper and lower motor neuron injury of CN VII, facial nerve paralysis, injury (lesion involving terminal branches, lesion at the stylomastoid foramen, inflammation of the facial nerve within facial canal, lesion in the acoustic meatus). Syndrome of crocodile tears, hearing and balance dysfunction, hyperacusis.</p> <p>Topographical notes: parapharyngeal space, peripharyngeal space, pterygomandibulare space, temporale space, infratemporale space, retromandibulare space, pterygopalatine space.</p>
<p>29.11.2024 (Friday)</p>	<p>Lecture – Library r. 306</p>

03.12.2024 <i>(Tuesday)</i>	Nasal cavity: External nose, nares, choanae, nasal septum, nasal vestibule. Nasal cartilages. Nerves and vessels of nose. Paranasal sinuses, nasal conchae and nasal meatus. Olfactory nerves (CN I), olfactory tract and olfactory pathway. CN I and CN V. Sinusitis. Epistaxis. Sensory innervations of the head.
04.12.2024 <i>(Wednesday)</i>	Flipped spotters
05.12.2024 <i>(Thursday)</i>	Orbit, eye, and related structures: eyeball, fibrous layer, vascular layer, inner layer of eyeball. Extra-ocular muscles, innervations and function, common tendinous ring. Eyelids, conjunctiva, lacrimal apparatus, fascia bulbi. Special somatic afferent nuclei. Autonomic innervations. Superior and inferior orbital fissure. Optic nerve (CN II), optic tract, visual pathway, oculomotor nerve (CN III), trochlear nerve (CN IV), abducent nerve (CN VI). Hemianopsia, ipsilateral, contralateral hemianopsia, tunnel vision, cortical blindness, pupillary reflex, light reflex. Horner's syndrome. Mydriasis, miosis. Retinal detachment. Glaucoma.
05.12.2024 <i>(Thursday)</i>	Lecture – Library r. 306
06.12.2024 <i>(Friday)</i>	Lecture – Library r. 306
10.12.2024 <i>(Tuesday)</i>	Ear: external ear (auricle, auricular muscles and ligaments), external acoustic meatus, tympanic membrane, Middle ear (tympanic cavity, auditory ossicles, joints of auditory ossicles, muscles of auditory ossicles, auditory tube). Internal ear (bony and membranous labyrinth, cochlear labyrinth, vestibular apparatus, cochlear apparatus). Tympanum, tympanic membrane, structure, function, innervation. Myringotomy. Vessels of the ear. CN VIII: (auditory pathway, vestibular pathway). Special somatic afferent nuclei.
11.12.2024 <i>(Wednesday)</i>	Flipped spotters
12.12.2024 <i>(Thursday)</i>	Credit – HEAD – MCQ and spotters