
Histology

1. Histology of sensory receptors, ganglia & PNS

Physiology

1. Physiology of PNS
2. Function of ANS I (Sympathetic)
3. Function of ANS II (Parasympathetic)

Pharmacology

1. Pharmacology of autonomic ganglia
 2. Neuronal blockers
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Anatomy

1. Trigeminal nerve (Mandibular nerve)
2. Maxillary and ophthalmic nerves
3. Facial nerve and sphenopalatine ganglion

Embryology

1. Development of pharyngeal arches
2. Development of pharyngeal clefts and pouches

Pharmacology

1. Adverse drug reactions affecting PNS
 2. Pharmacology of local anesthetics
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Anatomy

1. Orbit: Boundaries, lacrimal apparatus, extraocular muscles
2. Orbit: Cranial nerves III, IV, VI and ciliary ganglion

Pathology

1. Demyelinating degenerative diseases I
 2. Demyelinating degenerative diseases II
 3. Inflammatory diseases
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Anatomy

1. Eyeball
2. Optic nerve and visual pathway

Histology

1. Histology of the eye I
2. Histology of the eye II

Physiology

1. Vision

Biochemistry

1. Biochemistry of Vision I
2. Biochemistry of Vision II

Pharmacology

1. Eye pharmacology
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Anatomy

1. Olfactory nerve and olfactory pathway

Physiology

1. Chemical senses (taste & smell)

Biochemistry

1. Biochemistry of smell and taste

Anatomy

1. Cranial nerves IX, X, XI, XII
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Anatomy

1. External and middle ear
2. Inner ear
3. Vestibular and auditory pathway

Histology

1. Histology of the ear

Physiology

1. Hearing
2. Equilibrium

Anatomy

1. Cervical plexus, ansa cervicalis and phrenic nerve
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Microbiology

1. Group B streptococci, Listeria & Mycobacterium leprae
2. Clostridium tetani & botulism
3. Enteroviruses
4. Rabies, arboviruses & prions

Pharmacology

1. Drug therapy of PNS infections

Pathology

1. Tumors of peripheral nervous system

Physiology

1. Central regulation of viscera

Medicine

Surgery

