

Index of Neuro archives

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1 Neuroanatomy

1.1 Basal Ganglia

[Basal ganglia \(Overview\)](#)

- [Striatum](#) (Caudate nucleus & Putamen)
- [Lentiform Nucleus](#) (Putamen + Globus pallidus)
- [Caudate Nucleus](#)
- [Putamen](#)
- [Globus pallidus](#)
- Subthalamic nucleus (ST Nuclues)
- Substantia Nigra

Basal Ganglia Nuclei Types:

- Input Nuclei
- Output Nuclei
- Intrinsic Nuclei

Basal ganglia pathways:

- Indirect pathway
- Direct Pathway
- Nigrostriatal Pathway

1.2 Cranial Nerves & Nuclei

Cranial Nerve Nuclei

- Somatic motor nuclei:
 - Oculomotor Nucleus
 - Trochlear Nucleus
 - Abducens Nucleus
 - Hypoglossal Nucleus
- Branchial Motor Nuclei:
 - Trigeminal Motor Nucleus
 - Facial Nucleus
 - Nucleus Ambiguus
 - Spinal Accessory Nucleus
- Parasympathetic Nuclei:
 - Edinger-Westphal Nucleus
 - Superior Salivatory Nucleus
 - Inferior Salivatory Nucleus
 - Dorsal Motor Nucleus of the Vagus

Sensory Nuclei:

- Visceral Sensory Column:
 - Rostral portion of Nucleus Solitarius
 - Caudal portion of Nucleus Solitarius
- General Somatosensory Nuclei:
 - Trigeminal Sensory nuclei

- * Mesencephalic nucleus of CN V
- * Main sensory nucleus of CN V
- * Spinal Trigeminal nucleus
- Special Somatic Sensory Nuclei: Hearing & Balance
 - Cochlear Nuclei
 - Vestibular Nuclei

Cranial Nerves

- CN I Olfactory Nerve
- CN II Optic Nerve
- CN III Oculomotor Nerve
- CN IV Trochlear Nerve
- CN V Trigeminal Nerve
- CN VI Abducens Nerve
- CN VII Facial Nerve
- CN VIII Vestibulocochlear Nerve
- CN IX Glossopharyngeal Nerve
- CN X Vagus Nerve
- CN XI Accessory Nerve
- CN XII Hypoglossal Nerve

1.3 Tracts

1.3.1 Ascending Tracts

- Dorsal Column Medial Lemniscus (DCML)
 - Fasciculus Cuneatus
 - Fasciculus Gracilis
- Cuneocerebellar Tract
- Dorsal Spinocerebellar Tract
- Ventral Spinocerebellar Tract
- Spinothalamic Tract
- Trigeminothalamic Tract
- Spinoreticular Tract
- Spinomesencephalic Tract
- Spinohypothalamic Tract
- Cochlear Pathway
- Taste Pathway
- Vision Pathway

1.3.2 Descending Tracts

- [Pyramidal Tracts](#)
 - [Lateral Corticospinal Tract \(LCST\)](#)
 - [Medial Corticospinal Tract \(MCST\)](#)
 - [Corticobulbar Tract](#)
- [Extrapyramidal tracts](#)
 - [Rubrospinal Tract](#)
 - [Vestibulospinal Tract](#)
 - [Tectospinal Tract](#)
 - [Reticulospinal Tract](#)

2 Neurophysiology

2.1 Neuro Symptoms

- [Anosmia](#)

2.2 Special Senses

- [Gustation](#)
- [Olfaction](#)

3 Neuropathology

3.1 PNS Pathologies

3.2 CNS Pathologies

[Amyotrophic Lateral Sclerosis \(ALS\)](#)