

Index of Tests & Measures

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1 Anatomy

1.1 Arteries

- [Basilar Artery](#)

1.2 Muscles

[OIANs](#)

1.3 Nerves

[Suboccipital Nerve](#)

[Spinal nn.](#)

2 Physiology

2.1 Enzymes

- [Superoxide Dismutases group](#)
 - [Copper-Zinc Superoxide dismutase \(CuZnSOD\)](#)

2.2 Hormones

2.3 Minerals

[Copper \[Cu\]](#)

2.4 Muscle Physiology

2.5 Neurotransmitters

- [Glutamate](#)

2.6 Physiology of stress

[Oxidative stress](#)

2.7 Transporters

- [Excitatory amino acid transporter 2 \(EAAT2\)](#)

2.8 Vitamins

3 MSK Pathologies & Rehabilitation

3.1 Lumbar spine

[Chronic Low Back Pain](#)

[Acute Low Back Pain](#)

4 Pain Science

4.1 Pain Terms & Taxonomies

- [Pain \(overview\)](#)
- [Acute Pain](#)
- [Chronic Pain](#)
- [Recurrent Pain](#)
- [Cancer Pain](#)
- [Transient Pain](#)

4.2 CRPS

- [CRPS \(overview\)](#)
- [CRPS Type I \(Formerly reflex sympathetic dystrophy\)](#)
- [CRPS Type II \(formerly causalgia\)](#)

4.3 Physiology of pain

4.4 Interventions

[Graded Motor Imagery](#)

4.5 sensitization

- [Allodynia](#)
- [Analgesia](#)
- [Hyperalgesia](#)

5 Pathologies

5.1 Endocrine Pathologies

5.1.1 Pituitary Disorders

5.1.1.1 Pituitary Hypofunction

5.1.1.1.1 Gonadotropin Deficiency

- [Gonadotropin Deficiency](#)
- [Kallmann Syndrome](#)

6 Neuroscience

6.1 Neuroanatomy

6.1.1 Basal Ganglia

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

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

Basal Ganglia Nuclei Types:

- Input Nuclei
- Output Nuclei
- Intrinsic Nuclei

Basal ganglia pathways:

- Indirect pathway
- Direct Pathway
- Nigrostriatal Pathway

6.1.2 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

6.2 Neurophysiology

6.2.1 Neuro Symptoms

- [Anosmia](#)

6.2.2 Special Senses

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

6.3 Neuropathology

6.3.1 PNS Pathologies

6.3.2 CNS Pathologies

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

7 Genetics & Genomics

7.1 Genes

[Superoxide dismutase 1 \(SOD1\)](#)

8 Tests & Measures

8.1 Cervical Spine Tests

[Vertebrobasilar insufficiency Test \(VBI\)](#)