

FICHA RESUMO DE UNIDADE CURRICULAR
ANO LETIVO DE 2020-2021

CURSO DE LICENCIATURA EM OSTEOPATIA

Unidade curricular:

Anatomofisiologia do Sistema Nervoso II

Curricular Unit:

Anatomophysiology of Nervous System II

Objetivos da unidade curricular e competências a desenvolver (1000 carateres);

Esta unidade curricular visa fornecer aos alunos os conhecimentos anatómicos e fisiológicos bem como sobre os principais fenómenos bem como os seus mecanismos de controlo.

- A. Conhecer todos os constituintes anatómicos do sistema nervoso
- B. Perceber o processo neurofisiológico inerente ao sistema referenciado e os seus mecanismos de controlo
- C. Descrever anatómicamente e fisiologicamente todos os seus constituintes neurológicos .

Objectives of the curricular unit and competences to be developed (1000 caracteres)

This course aims to provide students with the anatomical and physiological knowledge and on main phenomena a This curricular unit aims to provide students with the anatomical and physiological knowledge as well as the main phenomena as well as their control mechanisms.

Students who have passed the course unit must demonstrate the following skills, knowledge and skills:

- A. Know all the constituents of the nervous system under study
- B. Perceive the neurophysiological process inherent in the referenced system and its control mechanisms
- C. Ability to anatomically and physiologically describe all of its neurological constituents.

Conteúdos programáticos (1000 carateres):

1. Estudo anatómico dos nervos perifericos

a. Região Facial

- 1. Nervo Supraorbital
- 2. Nervo Infra-Orbital
- 3. Nervo Maxilar
- 4. Nervo Mandibular
- 5. Nervo Mental
- 6. Nervo Auriculotemporal do V
- 7. Nervo Zigomaticotemporal

b. Região Cervical

- 1. Nervo Grande Occipital (Arnold)
- 2. Nervo Grande Auricular
- 3. Pequeno Nervo Occipital
- 4. 3º Nervo Occipital (TON)

5. Nervo Suboccipital
6. Nervo Glossofaríngeo
7. Nervo Transverso do pescoço
8. Nervo Supraclavicular
9. Acessório Espinhal do Nervo XI
- c. Membro Superior
 1. Nervo Axilar ou Circunflexo
 2. Nervo Longo Torácico ou Serratus
 3. Nervo Escapular Torácico
 4. Nervo Supraescapular
 5. Nervo Intercostal
 6. Nervo Músculo-cutâneo
 7. Nerf Mediano
 1. Síndrome do túnel do carpo
 2. Entrapment do nervo mediano proximal
 3. Síndrome do túnel lacertus
 4. Ligamento do Síndrome de Struthers
 5. Síndrome de prones teres
 6. Síndrome do nervo interósseo anterior
 8. Nervo Radial
 - a. Entrapment do nervo radial superficial
 - b. Entrapment do ramo profundo do nervo radial
 - c. Síndrome do Túnel Radial
 9. Nervo Ulnar
 - a. Síndrome do Túnel Cubital (Osborne)
 - b. Síndrome do Canal Guyon
- e. Plexopatia
 1. Síndrome do Desfiladeiro Torácico
 2. Plexo Lombossacral
- f. Lombalgia Comum
 1. Duramater
 2. Epidural
 3. Canal Lombar Estreito
- g. Radiculopatia
- h. Esclerótomos: Compressão da Raiz Posterior

Syllabus (1000 caracteres)

1. Anatomical study of the peripheral nerves
 - The. Facial Region
 1. Supraorbital nerve
 2. Infra-Orbital Nerve
 3. Jaw Nerve
 4. Mandibular nerve
 5. Mental Nerve
 6. Auriculotemporal nerve of the V

- 7. Zygomaticotemporal nerve
 - B. Cervical region
 - 1. Large Occipital Nerve (Arnold)
 - 2. Large Auricular Nerve
 - 3. Small Occipital Nerve
 - 4. 3rd Occipital Nerve (TON)
 - 5. Suboccipital nerve
 - 6. Glossopharyngeal nerve
 - 7. Transverse neck nerve
 - 8. Supraclavicular nerve
 - 9. Spinal Nerve Accessory XI
 - ç. Upper Limb
 - 1. Axillary or circumflex nerve
 - 2. Long Thoracic Nerve or Serratus
 - 3. Scapular Thoracic Nerve
 - 4. Suprascapular nerve
 - 5. Intercostal nerve
 - 6. Muscle-cutaneous nerve
 - 7. Average Nerf
 - 1. Carpal tunnel syndrome
 - 2. Entrapment of the proximal median nerve
 - 3. Lacertus tunnel syndrome
 - 4. Struthers Syndrome Ligament
 - 5. Prone teres syndrome
 - 6. Anterior interosseous nerve syndrome
 - 8. Radial nerve
 - The. Entrapment of the superficial radial nerve
 - B. Entrapment of the deep branch of the radial nerve
 - ç. Radial Tunnel Syndrome
 - 9. Ulnar nerve
 - The. Cubital Tunnel Syndrome (Osborne)
 - B. Guyon Canal Syndrome
 - and. Plexopathy
 - 1. Thoracic outlet syndrome
 - 2. Lumbosacral plexus
 - f. Common Low Back Pain
 - 1. Duramater
 - 2. Epidural
 - 3. Narrow Lumbar Canal
 - g. Radiculopathy
 - H. Sclerotomes: Posterior Root Compression
- Nervous motor system.
Autonomic nervous system.
Neurologic examination.
Cognitive evoked potentials.

Referências bibliográficas (máximo três títulos):

Ropper, A., Samuels, M. & Klein J. (2014). Adams and Victor`s principles of neurology. (10th ed.). New York: McGraw-Hill Education.

Rosenberg, R.N. (2019). Atlas of clinical neurology. (4rd ed.). Philadelphia: Springer.

Rosenberg, G.A. (2012). Molecular Physiology and Metabolism of the Nervous System: A Clinical Perspective. Oxford: Oxford University Press.