

PNS-Anatomy

Archive

Lecture 3

Facial Nerve CN VII

Corrected by:

Sara farajat

Edited by:

1. One of the following isn't function of the facial nerve:

- a - Secretomotor to parotid gland
- b - Somatic sensation to the skin of the concha of the auricle
- c - Secretomotor to lacrimal gland
- d - Taste sensation from the anterior two thirds of the tongue and soft palate
- e - Supplies the posterior bellies of the digastric

Ans : (a)

2. Nuclei of the facial nerve include the followings EXCEPT :

- a - The superior salivatory nucleus
- b - The lacrimal nucleus
- c - Main Motor Nucleus
- d - The nucleus of the tractus solitarius
- e - Edinger - Westphal nucleus

Ans : (e)

3. Facial nerve (CN VII) emerges from the cranium via :

- a - Internal acoustic meatus
- b - Jugular foramen
- c - External acoustic meatus
- d - Carotid canal
- e - The stylomastoid foramen

Ans : (e)

4. Which of the following is TRUE regarding the face

- a - Pure motor
- b - Doesn't carry parasympathetic fibers
- c - Damage to CN VII is common with fracture of the occipital bone
- d - Related to medial wall of the tympanic cavity
- e - The geniculate ganglion of the nerve is motor ganglion

Ans : (d)

5. The following are motor branches of facial nerve

- a . Zygomatic nerve
- b . Greater petrosal nerve
- c . Nerve to the stapedius
- d . Cervical nerve
- e . Marginal mandibular

Ans : (b) Greater petrosal nerve (mixed).

6. Regarding neurophysiology of the taste which of the following matched pairs are NOT CORRECT ?

- a . Anterior 2/3 of the tongue - Chorda tympani
- b . Posterior 1/3 of the tongue - Glossopharyngeal nerve
- c . Posterior most - Vagus nerve
- d . Trigeminal nerve - Submandibular salivary gland
- e . Gustatory cortex - Insula

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Ans : (d)

7. Which of the following is wrong regarding the facial nerve injury ?

- a . Can lead to loss of autonomic functions
- b . Is common with fracture of the temporal bone
- c . In a lower motor neuron lesion only the muscles of the lower part of the face will be paralyzed
- d . Bell's palsy is a temporary facial paralysis
- e . The branches of CN VII are subject to injury

Ans : (c)

8. Which of the following is wrong about facial nerve ?

- a . Have only somatic motor and somatic sensory functions

9 - A lesion of CN VII near its origin:

hyperacusis

10-All muscles supplied by the facial nerve except

- A) mentalis
- B) tensor tympani
- C) stylohyoid
- D) stapedius

Answer : B

11- special sensation in the facial nerve by :

- A . nerve to submandibular & submaxillary
- B . chorda tympani
- C . nerve to parotid gland

Answer :B

12- sensation of posterior part of the tongue anterior supplied by :

- A . recurrent laryngeal nerve
- B . internal laryngeal nerve
- C . facial nerve
- D . mandibular nerve

Answer : B

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to epiglottis



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Location of main motor nucleus of facial nerve

Answer: lower part of pons

A-Facial canal in which bone

Answer: petrous part of temporal bone

geniculate ganglion is a sensory ganglion of the facial nerve (CN VII)



أسئلة إضافية :

1.the parotid plexus of the facial nerve gives rise to the following branches Exept :

- a .Temporal
- b .Zygomatic
- c .Buccal
- d .Cervical
- e .maxillary

Ans :(e)

2.which of the following Incorrectly matched about the taste :

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- a .anterior two thirds of the tongue (general sensation) - the ling
- b .special sensation - chorda tympani nerve
- c .the posterior third of the tongue -glossopharyngeal nerve
- d .vallate papillae -glossopharyngeal nerve
- e .internal laryngeal nerve -from phrenic nerve

Ans :(e)

3.In the "Somatic Motor " of the facial nerve supplie followin muscles Exept :

- a .the posterior bellies of the digastric
- b .stylohyoid
- c .stapedius muscles
- d .auricular muscles
- e .external acoustic meatus

Ans :(e)