

PNS-Anatomy

Archive

Lecture 1

Trigeminal Nerve V1,V2

Corrected by:

Malak khaled

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Lecture 1

1.The nasociliary nerve supplies the followings EXCEPT:

- a- Nasal cavity
- b- Ethmoid sinus
- c- Cornea
- d- Lower eyelid
- e- Tip of the nose

Ans: d

2.- Which of the following is WRONG regarding the trigeminal nerve?

- a- It leaves the anterior aspect of the pons
- b- Has small motor root and a large sensory root
- c- The trigeminal ganglion is motor
- d- Pass in the posterior and middle cranial fossae
- e- Is the largest cranial nerve

Ans:c.

3.Ophthalmic nerve and its branches. Select the most appropriate of the followings?

- a. Ophthalmic nerve is both motor and sensory
- b. Ophthalmic nerve enter the orbital cavity through the inferior orbital fissure
- c. The supraorbital and supratrochlear nerves from the lacrimal branch
- d. The nasociliary nerve gives infratrochlear nerve
- e. The Lacrinfigl nerve joined by the zygomaticofacial nerve

Ans: d

4.Supply of cornean & conjunctiva ?

- a. **nasociliary.**

5.Nasociliary continuation as

- A)ant ethmoid
- B) post ethmoid
- c) infratrochelar
- D) external nasal
- E) Long ciliary

Answer: A

6. pterygopalatin ganglion branches except

- A. palatine
- B. pharyngeal
- C. orbital branch
- D. tensor tympani
- E. lesser palatine

Answer : D

7. Inferior orbital fissure connects with:

pterygopalatine fossa

8. Parasympathetic supply to lacrimal gland :

Zygomaticotemporal nerve

الطب والجراحة

لجنة

الأسئلة التالية هي أرشيف سابق وهي لا تتعلق بشكل مباشر مع المحاضرات السنة الحالية

1. which branch of the trigeminal nerve Crosses the optic nerve:

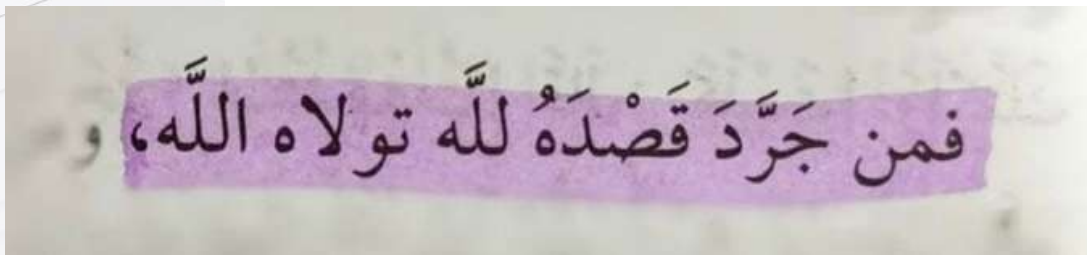
- a. The nasociliary nerve
- b. the zygomaticofacial nerves
- c. The frontal nerve
- d. the zygomaticotemporal
- e. The Lacrimal nerve

Ans:)a

2. which of the following Incorrectly matched about Trigeminal Nerve:

- a. The Lacrimal nerve - joined by the zygomaticotemporal nerve
- b. The nasociliary nerve - Continues as the anterior ethmoid nerve
- c. maxillary nerve - leaves the skull through the the foramen ovale
- d. Lingual nerve - joined by the chorda tympani nerve
- e. The trigeminal nerve - innervates the muscles of mastication

Ans:)c



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Lecture 2

Mandibular nerve V3

Corrected by:

Sara farajat

1-Which of the following is **WRONG** regarding the trigeminal nerve?

- a-It leaves the anterior aspect of the pons
- b-Has small motor root and a large sensory root
- c-The trigeminal ganglion is motor
- d- Pass in the posterior and middle cranial fossae
- e-Is the largest cranial nerve

Ans :(c)

2.Regarding the otic ganglion: Select the **WRONG** statement?

- a-Is a parasympathetic ganglion
- b-Is located medial to the mandibular nerve
- c-The preganglionic fibers reach the ganglion via the lesser petrosal nerve
- d-The preganglionic fibers originate in the glossopharyngeal nerve
- e-The postganglionic secretomotor fibers reach the lacrimal gland

Ans :(e)

3-The branches of the posterior division of the mandibular nerve are the following **EXCEPT**:

- a-Inferior alveolar nerve
- b-The buccal nerve
- c-Auriculotemporal nerve
- d-Mylohyoid nerve
- e-Lingual nerve

Ans :(b)

4- special sensation in the facial nerve by :

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

Answer :B

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Lecture 2

5-Where does chorda tympani nerve join the Lingual nerve

- A) Deep to lateral pterygoid muscle
- B) superficial to lateral pterygoid muscle
- C) in front of mastoid process

Answer :a

6-nervous spinosus enter skull through:

- A .foramen rotundum
- B . foramen spinosum
- C .foramen ovale

Answer :B

7-Parasympathetic root of otic ganglion?

inferior salivary nucleus *

8-Which of the following is mixed nerve (motor and sensory)

- A) inferior alveolar
- B) infratrochlear
- C) ant ethmoidal
- D) frontal

#Answer :A

9-The anterior belly of digastric muscle is supplied by :

Nerve to Mylohyoid

أسئلة إضافية :

1-which of the following is incorrect about Branches from the Anterior Division of the Mandibular Nerve:

- a.give nerve to the lateral pterygoid muscle
- b.smaller than posterior division
- c.The buccal nerve is the sensory branch that supply the buccinator muscle .
- d.give Deep temporal nerves to the temporalis muscle

Ans :(c)

2-The sensory branch of Mandibular nerve leaves the ganglia and passes out of the skull through:

- a.superior orbital fissure
- b.foramen rotundum
- c.inferior orbital fissure
- d.the foramen ovale
- e.mental foramen

Ans :(d)

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Lecture 3

Facial Nerve CN VII

Corrected by:

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Lecture 3

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 fac

- 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 followings 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

Ans :(d)

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

- a . Can lead to loss 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 to epiglottis supplied by :

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

Answer : B



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 :

- 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)

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Lecture 4

THE ORBIT CAVITY &
LACRIMAL APPARATUS

Corrected by:

Malaak Al Zaidaneeyen

PNS-Anatomy rough arch **Lecture 4**

1. All of the following share in formation of Orbit boundaries ?Except

- A)Zygomatic bone maxilla
- B)Zygomatic processes of frontal bone
- C)Frontal processes of maxilla
- D)lacrimalbone

Answer:D

2. All pass from the upper part of superior orbital fissure except

- A)Lacrimal n
- B) frontal n
- C) nasociliary n
- D) sup ophthalmic vein
- E) trochelar n

Answer: C

3. Parasympathetic Preganglionic fibers arise from the Edinger Westphal nucleus Oculomotor nerve?

nerve to inferior oblique muscle

4. Don't cross cavernous sinus :

- A. trochlear nerve
- B. optic nerve
- C. oculomotor
- D. ophthalmic
- E. lacrimal

Answer : B

5. parasympathetic root to the ciliary ganglion:

- A. The nerve to inferior oblique
- B. the nerve to Medial rectus..
- C. the nerve to Superior rectus
- D. the nerve to Inferior rectus

Answer : A

wateen arch

1. Inferior orbital fissure connects with **pterygopalatine fossa**

REPEATED

2. The infection could be spread to the cavernous sinus through :

Superior orbital artery

مش مذكرة بشكل مباشر

3. Parasympathetic supply to lacrimal gland :

Zygomaticotemporal nerve

4. Site of optic canal:

In the lesser wing of sphenoid just medial to the superior orbital fissure

wareed + nabd arch

1. The first branch of ophthalmic artery is:

- A. Supraorbital artery
- B. Posterior ethmoidal artery
- C. Central artery of the retina
- D. Supratrochlear artery
- E. Ciliary artery

Answer: C

2. The last branch of ophthalmic artery :

- a-Supraorbital artery
- b-Posterior ethmoidal artery
- c-Central artery of the retina
- d-Supratrochlear artery
- e-Dorsal nasal artery

Answer: D+ E

مش مذکور بشكل مباشر

3. Regarding the openings into the orbital cavity which of the followings is **WRONG**?

- a. Inferior orbital fissure communicates with the infratemporal fossa
- b. superior orbital fissure communicates with the middle cranial fossa
- c. Optic canal communicates with the middle cranial fossa
- d. Supraorbital foramen transmits the supraorbital nerve and blood vessels
- e. Nasolacnmal canal located anteriorly on the medial wall

Answer: A

4. About nerves of the orbit which one is **WRONG**:

- a. Trochlear nerve supplies the superior oblique muscle
- b. Nasociliary nerve arises from the ophthalmic division CN V
- c. Lacrimal nerve enters the orbit through the upper part of the superior orbital fissure
- d. Frontal nerve divides into the supratrochlear and supraorbital nerves
- e. Abducent nerve enters the orbit through the upper part of the superior orbital fissure

Answer: e

فَأَمَّا الزَّبَدُ فَيَذْهَبُ جُفَاءً
وَأَمَّا مَا يَنْفَعُ النَّاسَ فَيَمْكُثُ فِي الْأَرْضِ

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Lecture 5

THE EYELIDS, EXTRAOCULAR MUSCLES
& 3rd, 4th, 6th CRANIAL NERVES

Corrected by:

NOor Almaharmah

1. One of the following forms the framework of the eyelids

- A) All tarsal plate
- B) orbital septum
- C) Aponeurosis of orbicularis oculi
- D) Palpebral side of orbicularis oculi

Answer: B

2. When you can't get your eye downward and laterally, which nerve may be injured ?

- A) Abducent oculomotor
- B) trochlear
- C) ophthalmic

Answer: B

3. Which of the following extraocular muscles is CORRECTLY matched with its nerve supply:

- A) Medial rectus and abducens nerve
- B) Superior rectus and oculomotor nerve
- C) Inferior rectus and trigeminal nerve
- D) Lateral rectus trochlear nerve
- E) Superior oblique and oculomotor nerve

Answer: B

4. Which of the following is FALSE regarding the Characteristics of the cranial nerves supplying the extraocular muscles?

- A) Abducent nerve has the longest intracranial course
- B) Abducent nerve is the thinnest
- C) Trochlear nerve originates from the dorsal aspect of the brainstem
- D) Oculomotor nerve supplies the medial rectus muscle
- E) Oculomotor nerve supplies the superior oblique muscle

Answer: E