

NEUROLOGICAL EXAMINATION

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NEUROLOGICAL EXAMINATION

During a routine neurological examination on a 39-year-old woman, the physician touches a piece of cotton to the patient's cornea and her eyes blink. The afferent limb of this reflex is on the trigeminal nerve. Which of the following contains the efferent limb?

- a. Facial nerve
- b. Abducent nerve
- c. Oculomotor nerve
- d. Trigeminal nerve
- e. Trochlear nerve

ANSWER: A

All of the following are part of the motor examination except:

- a. Power
- b. Reflexes
- c. Coordination
- d. Tone
- e. Vibration sense

ANSWER: E

You have just assessed muscle strength in a 45 year old woman. You note that she is able to raise the leg up against gravity but not against resistance. You appropriately tell your preceptor that the muscle strength is:

- a. 1/5
- b. 2/5
- c. 3/5
- d. 4/5
- e. 5/5

ANSWER: C

Which of the following is a feature of lower motor neuron (LMN) lesion?

- A. Fasciculation
- B. Hypertonia
- C. Spasticity
- D. Clonus
- E. Plantar reflex

ANSWER: A

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The upper motor neuron lesion signs are the following, EXCEPT?

- a. Muscular spasticity
- b. Exaggerated deep tendon reflexes
- c. Muscular flaccidity
- d. Fasciculation not present
- e. Extensor plantar reflex positive

ANSWER: C

If you are assessing a patient with headache, fever and photophobia. The most relevant test that you would examine him for is: Select one:

- a. Kernig's sign
- b. JVP
- c. Displaced apex of the heart
- d. Visual acuity
- e. Temperature

ANSWER: A

Examination of the optic nerve include all the following except:

- a. Visual acuity.
- b. Visual field.
- c. Color blindness
- d. Corneal reflex
- e. Optic disc by fundoscopy (ophthalmoscopy).

ANSWER: D

In a vision test, a visual acuity of 20/30 means which of the following?

- A. The person can see at 30 feet what a normal person sees at 20 feet
- B. The person can see at 20 feet what a normal person sees at 30 feet
- C. The person's vision is better than normal
- D. The person has normal vision
- E. The person is legally blind

ANSWER: B

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The consensual response in the eye refers to:

- a. The pupil constricts when light is directed into it.
- b. The pupil constricts when the eye focuses on an object moving closer to the nasal bridge.
- c. The eyeballs move together to follow an object in the horizontal plane.
- d. The pupil constricts when light is directed into the opposite eye.
- e. When you gaze deeply into your lover's eyes, and he/she gazes back at you.

ANSWER: D

The patient presented with an acute stroke; he has weakness in the right upper and lower limb and spasticity. One of the following features is expected to be seen in this patient: Select one:

- a. Hypo-reflexia
- b. Hypotonia.
- c. Clonus.
- d. Fasciculation.
- e. Flexor planter reflex.

ANSWER: C

The presence of ptosis suggests damage to cranial nerve?

- a. Trochlear nerve
- b. Trigeminal nerve
- c. Oculomotor nerve
- d. Facial nerve
- e. Optic nerve

ANSWER: C