

Neurologic Exam Evaluation Checklist 2008 (NEURO OSCE)

Student's Name: _____

Date: _____ Monday September 15 _____ Friday September 19

Evaluator's Name: _____

- Mark A if the step was done correctly
 Mark B if the step was done but if the technique was unsatisfactory
 Mark C if the step was omitted

PLEASE NOTE: FOR ITEMS MARKED "B," THE EVALUATOR NEEDS TO BE SPECIFIC AS TO WHY THE STEP WAS UNSATISFACTORY. PLEASE WRITE DIRECTLY ON THIS SHEET.

_____ 1. WASH HANDS

CRANIAL NERVES:

_____ 2. ASSESS VISUAL FIELDS

The student can check one eye at a time, or have pt with both eyes open.

_____ 3. DO THE FUNDUS EXAM (CN2 Student inspects **both eyes** with the ophthalmoscope.)

_____ left eye
_____ right eye

_____ 4. ASSESS PUPIL RESPONSE TO LIGHT (CN2, 3)

___ Right eye

___ Left eye

(The examiner should check for the direct and consensual response to light in each pupil)

_____ 5. CHECK FOR ALL 6 CARDINAL POSITIONS OF GAZE (CN 3, 4, 6)

-Examiner makes a large "H" while pt moves their eyes

_____ 6. ASSESS THE 3 SENSORY DIVISIONS OF CN 5 (light touch on pt's face)

-SIX AREAS MUST BE ASSESSED -

_____ both sides of the forehead (ophthalmic division of CN5)

_____ both sides superficial to maxillary sinuses = cheeks (maxillary division)

_____ both sides superficial to the mandibles = jaw (mandibular division of CN5)

_____ 7. ASSESS CN 7

Examiner asked pt to raise both eyebrows or frown or wrinkle my forehead. (CN7)

_____ 8. ASSESS CN 7

Examiner asked pt to "show my teeth" or "smile and show your teeth" (CN7)

- _____ **9. ASSESS THE AUDITORY DIVISION OF CN 8**
- _____ **10. ASSESS SOFT PALATE MOVEMENT** (CN10, questionably CN9)
-Examiner asks pt to “say ah.”
- _____ **11. ASSESS PTS ABILITY TO COUGH** (CN10, Vagus nerve, innervates the vocal cords)
- _____ **12. ASSESS TRAPEZIUS MUSCLE STRENGTH** (CN11, Spinal Accessory Nerve).
-Examiner places his/her hands on pt’s trapezii muscles and then asks pt to shrug)
- _____ **13. ASSESS STERNOCLEIDOMASTOID MUSCLE STRENGTH** (CN11)
Examiner asks pt to turn the head to each side against resistance from the examiner’s hand.
- _____ **14. ASSESS HYPOGLOSSAL NERVE** (CN12)
-Examiner asked pt to protrude their tongue

MOTOR SYSTEM:

- _____ **15. ASSESS MUSCLE TONE IN THE UPPER LIMBS**
 ___RUE
 ___LUE
- _____ **16. ASSESS AND GRADE MUSCLE STRENGTH OF THE UPPER EXTREMITIES**
upper extremities (ask student to grade each with 0-5 scale);
- ___ **shoulder-abduction** (*start with hands at pt’s side, then ask pt to abduct arms to 90 degrees*)
 ___ **elbow flexion**
 ___ **elbow extension**
 ___ **wrist flexion**
 ___ **wrist extension**
 ___ **hand grip**

(Patient may be supine or seated from here on.)

- _____ **17. ASSESS LIMB TONE IN THE LOWER LIMBS (RESISTANCE TO PASSIVE STRETCH)**
 ___RLE
 ___LLE

_____ **18. ASSESS AND GRADE MUSCLE STRENGTH OF THE LOWER EXTREMITIES**

Student determined muscle power by gently trying to overpower contraction of each group of muscles

lower extremities (ask student to grade each with 0-5 scale):

- ___ hip flexion
- ___ knee flexion
- ___ knee extension
- ___ ankle dorsiflexion
- ___ ankle plantar flexion

REFLEXES: Examiner elicited the following deep tendon reflexes **bilaterally and graded with 0-4 scale:**

- 0=absent reflex, no response
- 1=diminished, low normal (brought out with reinforcement = Jendrassik maneuver)
- 2=normal, average
- 3=brisker than average, possibly but not necessarily indicative of disease
- 4=hyperactive with clonus

_____ **19. BICEPS REFLEX (C5, C6)**

- ___ **RUE**
- ___ **LUE**

_____ **20. TRICEPS REFLEX (C7, C8)**

- ___ **RUE**
- ___ **LUE**

_____ **21. BRACHIORADIALIS REFLEX (C5, C6)**

- ___ **RUE**
- ___ **LUE**

_____ **22. KNEE REFLEX**

- ___ **RLE**
- ___ **LLE**

_____ **23. ANKLE REFLEX**

- ___ **RLE**
- ___ **LLE**

_____ **24. TEST FOR THE PLANTAR RESPONSE ON EACH FOOT. (Babinski sign)**

- ___ **RLE**
- ___ **LLE**

SENSORY SYSTEM:

- _____ **25. ASSESS LIGHT TOUCH IN ALL FOUR EXTREMITIES** (with a wisp of cotton)
- _____ **26. ASSESS PAIN IN ALL FOUR EXTREMITIES** (with a splintered cotton tip applicator)
- _____ **27. ASSESS POSITION SENSE IN ALL FOUR EXTREMITIES**
- _____ **28. ASSESS VIBRATION SENSE IN ALL FOUR EXTREMITIES** (posterior columns)

COORDINATION

- _____ **29. ASSESS COORDINATION WITH 3 DIFFERENT MANUEVERS**
 - _____ finger-to-nose-to-finger
 - _____ fine finger movements
 - _____ heel-to-knee-to-shin

(Patient is standing)

GAIT/STATION

- _____ **30. RHOMBERG TEST**
- _____ **31. ASSESS GAIT**
 - _____ **NORMAL GAIT**
 - _____ **TANDEM GAIT**
- _____ **32. WASH HANDS**