Neurologic Exam Evaluation Checklist 2010 (NEURO OSCE)

Student’s Name: ______________________________

Date: _____ Monday September 13                 ______ Friday September 17

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, eyes closed)
   -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 (eyes closed)

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 trapezi 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 MUSCLE STRENGTH OF THE UPPER EXTREMITIES
   ___ 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 MUSCLE STRENGTH OF THE LOWER EXTREMITIES
Student determined muscle power by gently trying to overpower contraction of each group of muscles

**lower extremities**
___ hip flexion
___ knee flexion
___ knee extension
___ ankle dorsiflexion
___ ankle plantar flexion

**REFLEXES:** Examiner elicited the following deep tendon reflexes _bilaterally_

___ 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:** (eyes closed)

___ 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 MANEUVERS
    _______ finger-to-nose-to-finger
    _______ fine finger movements
    _______ heel-to-knee-to-shin

(Patient is standing)

GAIT/STATION

_____ 30. ROMBERG TEST

_____ 31. ASSESS GAIT
    _______ NORMAL GAIT
    _______ TANDEM GAIT

_____ 32. WASH HANDS