

NEURO EXAM AND ASSESMENT
Jeffrey S. Nicholl, M.D.

- I. Age, gender, handedness.
- II. Chief Complaint.
- III. HPI: Duration, description, severity, location, onset, precipitating or exacerbating factors, ameliorating factors, associated symptoms, new or recurrent, risk factors.
- IV. PMH (with specific emphasis on the past neurologic history)
- V. Medications, current and past.
- VI. Allergies
- VII. PSH
- VIII. PPsyH
- IX. Family History
- X. Social History
- XI. Review of Systems (with an emphasis on the neurologic review of systems: headache, dizziness, decreased visual or auditory acuity, diplopia, dysphasia, dysarthria, dysphagia, nausea/vomiting, focal numbness or weakness, bladder or bowel problems (retention or incontinence), ataxia.)
- XII. Mental Status Examination: Level of consciousness and orientation. Memory (3 or 5 words at five minutes, long-term memory), Concentration (digit span, serial 7's, spell world backwards). Language (fluency, comprehension, repetition), Praxis (demonstrate an action). Visual-spatial construction (copy or clock face).
- XIII. Cranial Nerves: I- smell; II- visual acuity, visual fields, fundoscopic examination, light reflex; III, IV, VI- extraocular movements in all six cardinal positions, light reflex; V- facial sensation, strength of masticatory muscles, jaw jerk; VII- facial movement (upper and lower), taste on the anterior 2/3 of the tongue; VIII- auditory acuity, nystagmus; IX, X- gag reflex, palatal movement, deviation of uvula, hoarseness; XI- strength of the SCM and trapezius muscles; XII- tongue deviation, atrophy, fasciculations.
- XIV. Motor: pronator drift, weakness, tremor, fasciculation, atrophy, abnormal tone, abnormal involuntary movements, DTR's, plantar responses.
- XV. Sensory: light touch, temperature/pinprick, vibration/proprioception, graphesthesia/stereognosis/double simultaneous stimulation, two-point discrimination.
- XVI. Cerebellar: finger-to-nose, heel-to-shin.
- XVII. Stance: eyes open, eyes closed.
- XVIII. Gait: heel-walking, toe-walking, tandem gait.
- XIX. General: VS, neck, heart.