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Neuroscience Sequence-Fall Term 2008

Topic: Clinical Features of Visual and Ocular Motor Pathway Diseases

Date/Time: Monday, November 17. 1-3 pm.

Faculty: Jonathan D. Trobe, MD, Departments of Ophthalmology and Neurology

Reading Assignments: None

Learning Objectives:

1. Understand the pathways that mediate vision.
2. Understand how common vision disorders are diagnosed
3. Understand how to localize lesions in common vision disorders
4. Understand the pathways that mediate eye movements.
5. Understand how to localize lesions in common eye movement disorders.

Sample Question: A 55 year old man is suddenly unable to move his eyes upward. Horizontal and downward eye movements are intact. The causative lesion might be in the:

- A) Cerebral hemispheres
- B) Vestibular Nuclei
- C) Pons
- D) Midbrain
- E) Medulla

Answer: D.