

## Neuropathology Rotation - Objectives

### Practice-Based Learning and Improvement

#### A. Objectives:

1. Demonstrate the ability to evaluate and improve diagnostic practices and appraise and assimilate scientific evidence.
2. Participate in the assessment of quality assurance monitors for this specific laboratory area
3. Apply knowledge of study design and appropriate statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness, both in current medical literature and in practice
4. Demonstrate awareness of the ways in which the Neuropathology practice setting may differ from other practice settings
5. Demonstrate the ability to utilize effectively library-based, web-based, and other educational sources
6. Use information technology and other methods to support monitoring of patient laboratory testing and enhancing clinician education in appropriate and cost-effective utilization of testing for patient management

#### B. Plan:

1. This learning is achieved by reading the medical literature, by daily interaction with Neuropathology faculty, fellows, and staff, by collecting and assessing clinical data pertinent to the care of patients and to the choice of testing methods, by participation in interdisciplinary conferences, by becoming facile in the use of library and internet-based resources, and by participating in journal club/works in progress conferences.

#### C. Supervision/Assessment:

1. Resident performance will be assessed through direct observation by Neuropathology faculty, fellows, and office and laboratory staff, and by clinicians and others who interact with the Neuropathology Division.
2. Some concepts will be tested through the written multiple choice examination that is administered at the end of the rotation.
3. Input from Neuropathology faculty and staff regarding individual resident performance is solicited by the rotation director, and communicated to the resident through face-to-face verbal as well as formal written evaluations. The formal written evaluation that is completed at the end of the rotation becomes a part of the resident's permanent record.