

# Neurology

## **Goal**

A first year internal medicine resident rotates for 2 weeks on the inpatient neurology service, floor 4B of University Hospital. During this time, the resident works with a neurology team to evaluate and treat a wide range of neurological patients. These patients have a variety of diagnoses which are seen in primary care practice. Inpatients on the neurology service may have acute strokes; seizures, including status epilepticus; neuromuscular weakness; primary brain tumors; movement disorders; autoimmune diseases such as CNS lupus or multiple sclerosis; and primary psychiatric disorders. Procedures performed during the rotation are lumbar punctures and occasionally arterial and central lines placed in NICU patients.

## **Lead Faculty**

Robert Ernst, MD

Jonathan Edwards, MD

## **Objectives**

### Patient Care and Medical Knowledge

Describe the standard neurological approach to the evaluation and treatment of common problems encountered by a neurologist in the inpatient setting.

Perform an efficient, complete neurological examination.

Participate in the care of seriously ill neurological patients, including those patients in the ICU setting.

Discuss the complex interactions between neurological symptoms and medical problems.

Understand when a neurological consultation is appropriate.

### Practice Based Learning and Improvement

Maintain an attitude of healthy skepticism and curiosity, as evidenced by thoughtful questioning, independent study, and critical analysis of published materials.

Develop a willingness and ability to learn from errors and use them to improve individual practice and the health care delivery system.

Utilize information technology to enhance patient education.

### Interpersonal and Communication Skills

Conduct all interviews with patients and their families in a compassionate, culturally-effective, and patient-centered manner.

Complete all dictations, letters, and consultation requests in a timely manner.

### Professionalism

Demonstrate a personal sense of altruism by consistently acting in one's patients' best interest.

Know how to inform patients and obtain voluntary consent for the general plan

of medical care and specific diagnostic and therapeutic interventions.  
Provide meaningful feedback to colleagues and students regarding performance and behavior.

Systems Based Practice

Interact with and utilize social workers, nurses, medical assistants, billing coordinators, and referral coordinators to provide effective, comprehensive patient care.

Apply evidence-based, cost-conscious strategies to prevention, diagnosis, and disease management

**Teaching Methods**

Teaching Rounds

Conferences

Patient Evaluations

The Department of Neurology has noontime conferences every Monday, Thursday and Friday, covering clinical and basic science topics. On Wednesdays at 10:00 a.m. is Chairman’s Rounds and at 11:00 a.m. is Grand Rounds. Neuroradiology and Neuropathology Conferences alternate on Fridays at 8:00 a.m. Residents are encouraged to attend when they do not have clinical responsibilities. The neurology attendings have a one hour didactic session with the intern and medical students on post-call days prior to presenting new patients.

**Evaluation**

Learning goals are established with each resident by the attending at the beginning of the rotation. The neurology attendings complete written evaluations of residents and these learners evaluate the attendings.

**Resources**

**Schedule**

	Monday	Tuesday	Wednesday	Thursday	Friday
AM					
PM					