

**University of Washington
Internal Medicine Residency**

Neurology Curriculum

Educational Goals: IM Residents will rotate through neurology rotations and clinics to:

- Train physicians to become comfortable managing clinical neurologic conditions through exposure to both inpatient and outpatient care.
- Refine skills in performing a neurologic history and neurologic examination.
- Learn to appropriately order neuroimaging studies, the initial interpretation of such studies, and the influence of these results on initial management plans.
- Enhance knowledge through didactics about the most common and important neurologic diseases.

This chart details the minimum curricular goals for each year of residency.

Patient Care: History Taking **Resident Competency Evaluation Form, Mini-CEX**

PGY-1	Demonstrates the ability to obtain and document an accurate and complete history from patient, caretaker or outside resources with moderate input from faculty. Specific focus on neurologic symptoms and history: <ul style="list-style-type: none"> • Headache • Neurologic deficits • Stroke and TIAs • Seizure sx and hx • CNS infection • Altered mental status • Multiple sclerosis Genetic, epidemiologic and disease-related risk factors for neurologic problems.
PGY-2	Demonstrates the ability to obtain and document an accurate and complete history with occasional input from faculty. Begins to deal with sensitive topics such as: Compliance/adherence issues
PGY-3	Demonstrates the ability to obtain and document an accurate and complete history independently. Successfully deals with sensitive topics.

Patient Care: Physical Exam **Resident Competency Evaluation Form, Mini-CEX**

PGY-1	Demonstrates the ability to perform a complete neurologic exam. Attempts to characterize abnormalities on exam and localize neurologic deficit with regular input from faculty.
PGY-2	Demonstrates the ability to recognize abnormalities on the physical exam and accurately localize neurologic deficit/injury. Requires occasional input from faculty.
PGY-3	Independently carries out an accurate neurologic exam with both normal and abnormal physical findings.

Pt care: Medical Decision **Methods: Resident Competency Evaluation Form, Chart Review/documentation**

PGY-1	Reliably recognizes critical illness and appropriately seeks assistance. Writes progress notes that identify important data and demonstrate thoughtful problem based assessment and plan. Recognizes, initiates management for, and outlines therapeutic goals for conditions outlined in medical knowledge: Understands appropriate monitoring of neurologic conditions. Requires regular faculty input to achieve these goals.
PGY-2	Can independently initiate management strategies for conditions outlined in the PGY-1 year. Recognizes and begins management of: <ul style="list-style-type: none"> • Anticoagulation strategies for acute stroke • Refractory headache and prophylaxis Ongoing management goals are correct with moderate faculty input.
PGY-3	Can independently initiate emergent and ongoing management strategies. Understands the pathophysiology and management of patients with conditions outlined.

Patient Care: Procedural skills **Methods: Resident Competency Evaluation Form, Procedure Log**

PGY-1	<p>Masters the cognitive, counseling and technical skills for</p> <ul style="list-style-type: none"> • Lumbar puncture <p>Interprets results of:</p> <ul style="list-style-type: none"> • CSF fluid analysis <p>Understands the indications for:</p> <ul style="list-style-type: none"> • MRI and CT scan • EMG studies <p>Documents appropriately. Relies on moderate faculty input</p>
PGY-2	<p>Interprets report findings of:</p> <ul style="list-style-type: none"> • MRI and CT scan of the brain and spine • Angiography • EMG • EEG <p>Understands indications for:</p> <ul style="list-style-type: none"> • Angiography • Brain biopsy <p>Relies on occasional faculty input</p>
PGY-3	Independent in performing, interpreting and planning appropriate procedures for patients with neurologic disease.

Patient Care: Consultation Process **Methods: Resident Competency Evaluation Form**

PGY-1	<p>Appropriately obtains consults (HMC Neuro). Provides consultation: Clarifies questions to be answered; thorough data gathering; and initial assessment and plan.</p>
PGY-2	<p>Develops strategy for managing patient referrals and follow-up. Is an effective consultant.</p>
PGY-3	Consultation provided with EBM literature review.

Medical Knowledge **Methods: Resident Competency Evaluation Form, Attd Review of Written Documentation**

PGY-1	<p>Applies relevant clinical and basic science knowledge in the following neuro conditions:</p> <ul style="list-style-type: none"> • Stroke and TIA • Headache • Altered mental status: • Delirium, Coma • Dementia • Demyelinating disorders and Multiple sclerosis • Seizure disorder • Drug overdose
PGY-2	Demonstrates a progression in content knowledge and analytical thinking with well formulated differential diagnoses and management plans.
PGY-3	Understanding and application of medical literature related to common medical conditions.

Interpersonal Skills and Communication **Methods: Resident Competency Evaluation Form, Mini-CEX**

PGY-1	<p>Effectively establishes rapport with patients and families. Communicates well with primary team and other consultants. Presents on rounds in an organized and articulate way. Provides timely and thorough electronic documentation of patient care.</p>
PGY-2	<p>Effectively carries out difficult discussions, such as sensitive topic discussions with moderate faculty input. Provides teaching and feedback to more junior team members on their communication styles. Functions as an effective consultant.</p>
PGY-3	<p>Able to deal with the most challenging patients and families with minimal direction. Coordinates team communication to optimize patient care.</p>

Professionalism

Methods: Resident Competency Evaluation Form, Conference Attendance

PGY-1	Strives for patient care and knowledge excellence. Reliably accomplishes assigned tasks Demonstrates integrity, respect for others, honesty and compassion. Demonstrates timely completion of administrative tasks and documentation.
PGY-2	Reliably identifies and accomplishes necessary tasks. Sets a tone of respect and collegiality for the team.
PGY-3	Acts as role model for patient care and professional behavior.

Practice Based Learning and Improvement

Methods: Resident Competency Evaluation Form

PGY-1	Seeks and accepts feedback from team about patient care, organization and presentations. Learns basic EBM principles, and article review. Understands limits of own knowledge, and seeks help.
PGY-2	Understands EBM principles, and begins to utilize relevant research to support decision-making and teaching of junior team members. Identifies knowledge deficiencies and seeks to correct them.
PGY-3	Appropriately integrates EBM with expert opinions and professional judgment. Ability to accurately self-assess skills and performance.