Goals & Objectives for Neurology Floor (Inpatient Neurology Service) Rotation for Neurology and Pediatric Neurology Residents (PGY2 and PGY4 residents)

PGY2 goals and objectives:

Patient Care

Goal: The PGY2 resident rotating on Neurology Floor must be able to manage inpatient care of patients with neurological problems. The resident will assist attendings and senior residents by providing primary evaluation of all patients admitted to the neurology service, and by executing the agreed upon evaluation and treatment plan for these patients. The resident will learn proper evaluation of acute, severe, or debilitating neurologic problems requiring hospitalization. Residents are expected to:

Objectives:

- Promptly perform the initial evaluation of new patients promptly and will obtain an accurate and specific history and physical examination for recognition of neurological disorders.
- Complete a full admission chart note, including case history, documenting complete neurology exam, and documenting diagnostic considerations, evaluation plan, and differential diagnosis.
- Supervise all chart notes, and write a personal note on a daily basis for all ward patients.
- Integrate history and physical examination with medical knowledge for neurological disorders to arrive at a differential diagnosis and plan.
- Make an informed diagnosis using the most current pathophysiological explanations.
- Make evidence-based treatment decisions.
- Discuss care plan for new patients with the chief resident and attending and write appropriate orders to institute care.
- Prescribe current concepts of therapy including mechanisms of drug action and available surgical intervention.
- Provide timely service and seek appropriate consultation and support in the evaluation and treatment of neurological disease.
- Order, review and evaluate all diagnostic testing for patients on the neurology service.
- Perform diagnostic procedures such as lumbar punctures.
- Round on follow-up patients in the morning before rounds and document findings in the medical record. Resident will follow-up on patients throughout the day and will follow-up on requested studies.
- Dictate a discharge summary at the conclusion of hospital stay.

Medical Knowledge

Goal: The resident rotating on Neurology Floor must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral
NEUROLOGY FLOOR ROTATION GOALS AND OBJECTIVES

Objectives:
- Demonstrate an understanding of the basic and neurological science background of neurological medicine and apply this knowledge to the clinical care of patients.
- Be able to explain and examine the interaction of neurological diseases with other organ systems and with other medical illnesses.
- Have knowledge of the most current pathophysiological explanations for neurological disorders.
- Gain experience in localization of findings on neurological exam.
- Gain experience in diagnosis and management of neurological emergencies including status epilepticus, acute stroke, increased intracranial pressure, meningitis, etc.
- Develop neurological exam skills under guidance of neurology attending.
- Gain experience in the inpatient evaluation and management of common neurological problems.
- Develop skills in neurological procedures such as lumbar puncture.

Practice-based Learning and Improvement
The resident rotating on Neurology Floor must demonstrate the ability to investigate and evaluate their care of neurological patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning. Residents are expected to develop skills and habits to be able to meet the following goals:

Objectives:
- Teach the utility and appropriate use of specialty procedures (MR, CT, EEG, evoked potentials, sleep studies, EMG/NCV and CSF evaluations.
- To prioritize clinical responsibilities, provide timely service, and seek appropriate consultation and support.
- Develop the ability to use information technology to improve the practitioner's fund of knowledge and technical skills to provide better care to patients.
- Attend teaching rounds six days per week for case presentation and discussion with attending physicians
- Participate in teaching and supervising the medical students and rotators on the rotation and sharing in their evaluation.
- Regularly attend weekly neurology conferences including (1) Grand Rounds (2) Clinical Neuroscience Lecture Series; (3) Research Conference when clinical duties permit.

Interpersonal and Communication Skills
The resident rotating on Neurology Floor must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. Residents are expected to:

Neurology Floor-2
NEUROLOGY FLOOR ROTATION GOALS AND OBJECTIVES

Objectives:
- Communicate effectively with other health care professionals.
- Communicate with patients and their families in easily understood and culture-sensitive language.
- Work effectively as both a member of a professional group and as a group leader.
- Demonstrate the ability to serve as a consultant to colleagues and health care professionals.
- Maintain comprehensive, timely and legible medical records.

Professionalism
The resident rotating on Neurology Floor must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:
- Understand good and bad communication behavior and leadership characteristics. Demonstrate appropriate nonverbal behavior.
- Have a commitment to carrying out professional responsibilities.
- Adhere to ethical principles.
- Develop sensitivity to a diverse patient population, with respect for colleagues and other health professionals.
- Function well as a team member.

Systems-based Practice
The resident rotating on Neurology Floor must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care. Residents are expected to:
- Describe the responsibility of the individual physician to the patient, the practice and the overall health care system.
- Describe the concepts of cost containment and cost-effectiveness and learn the relative cost to the patient and society of studies and treatments requested.
- Describe methods for ensuring that the practitioner and the practice group use scarce resources in a sound, thoughtful and cost-effective manner.
- Develop necessary skills required for the independent practice of neurological care.
- Understand the role of the physicians order, appropriate history and the electronic medical record as they pertain to inpatient neurological care.
- Understand how to utilize available resources in the hospital and via electronic media to improve patient care and outcomes.

EVALUATION: Residents will be evaluated by the fulltime faculty attending working with the resident with additional assessment by the senior resident, nursing staff, patients and students.
PGY4 goals and objective:

Patient Care

Goal: The PGY4 resident rotating on Neurology Floor must be able to demonstrate increased leadership and responsibility for the care of in-patients and for supervising junior residents and students. The resident will extend their knowledge of proper evaluation of acute, severe, or debilitating neurologic problems requiring hospitalization. Residents are expected to:

Objectives:
- Assess the level of care required for best management of patients being admitted to the hospital and arrange for intensive care admission where warranted.
- Coordinate the teaching services and plan for evaluation and care of all ward patients under the direct supervision of the attending physician.
- Directly supervise junior resident and provide immediate back-up to the entire service.
- Formulate evaluation and treatment plans under the direction of the attending.
- Advise junior residents call in planning evaluation and treatment of all patients on the ward service.
- Be aware of private patient issues and assist in teaching the junior residents, rotators and students regarding care of all cases on the service.
- Provide emergency phone contact for attending physicians after hours, referring necessary decisions to attendings when indicated.

Medical Knowledge

Goal: The PGY4 resident on Neurology Floor must demonstrate increasing knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to care of patients with neurological disease. PGY4 residents play a key role in teaching junior residents and students. Residents are expected to:

Objectives:
- Teach essential elements of neurology to medical students and rotating physicians.
- Demonstrate an understanding of the basic and neurological science background of neurological medicine and apply this knowledge to the clinical care of patients.
- Be able to explain and examine the interaction of neurological diseases with other organ systems and with other medical illnesses.
- Have knowledge of the most current pathophysiological explanations for neurological disorders.
- Further refine their localization and neurological examination skills.
- Gain additional experience and teach junior residents and students regarding the diagnosis and management of neurological emergencies including status epilepticus, acute stroke, increased intracranial pressure, meningitis, etc.
NEUROLOGY FLOOR ROTATION GOALS AND OBJECTIVES

- Teach junior residents and students neurological procedures such as lumbar puncture.

Practice-based Learning and Improvement
The PGY4 resident rotating on Neurology Floor must demonstrate the ability to further refine their care of neurological patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning. Residents are expected to develop skills and habits to be able to meet the following goals:

Objectives:
- Teach the utility and appropriate use of specialty procedures (MR, CT, EEG, evoked potentials, sleep studies, EMG/NCV and CSF evaluations.
- To prioritize clinical responsibilities, provide timely service, and seek appropriate consultation and support.
- Develop the ability to use information technology to improve the practitioner's fund of knowledge and technical skills to provide better care to patients.

Interpersonal and Communication Skills
The resident rotating on Neurology Floor must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. Residents are expected to:

Objectives:
- Develop leadership and teaching skills while supervising junior residents and students.
- Communicate effectively with other health care professionals.
- Communicate with patients and their families in easily understood and culture-sensitive language.
- Work effectively as both a member of a professional group and as a group leader.
- Demonstrate the ability to serve as a consultant to colleagues and health care professionals.
- Maintain comprehensive, timely and legible medical records.

Professionalism
The resident rotating on Neurology Floor must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

- Understand good and bad communication behavior and leadership characteristics. Demonstrate appropriate nonverbal behavior.
- Have a commitment to carrying out professional responsibilities.
- Adhere to ethical principles.
NEUROLOGY FLOOR ROTATION GOALS AND OBJECTIVES

• Develop sensitivity to a diverse patient population, with respect for colleagues and other health professionals.
• Function well as a team member.

Systems-based Practice
The resident rotating on Neurology Floor must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care. Residents are expected to:

• Describe the responsibility of the individual physician to the patient, the practice and the overall health care system.
• Describe the concepts of cost containment and cost-effectiveness and learn the relative cost to the patient and society of studies and treatments requested.
• Describe methods for ensuring that the practitioner and the practice group use scarce resources in a sound, thoughtful and cost-effective manner.
• Develop necessary skills required for the independent practice of neurological care.
• Understand the role of the physicians order, appropriate history and the electronic medical record as they pertain to inpatient neurological care.
• Understand how to utilize available resources in the hospital and via electronic media to improve patient care and outcomes.

Evaluation: The PGY4 resident is evaluated primarily by the fulltime faculty attending working with the resident with additional input from the junior residents, nursing staff, patients and students.