

**Name of Rotation:** SFGH Senior Resident

**Supervisor:** Richard W. Price, MD

**Rotation Description:** The Senior Resident directly manages the Ward Service (as well as overseeing the resident activity of all aspects of the Neurology Service including the Consultation Service) and importantly oversees the details of day-to-day decisions regarding triage and admission, as well as diagnosis and therapy. S/he rounds daily with the Attending Neurologist on Attending Work Rounds and may participate in Resident Work Rounds, but (after the first few months of the year) need not on a daily basis. S/he directs patient-related decisions in consultation with the Attending Physician as needed. S/he also plays a major role in teaching Medical Students the fundamental aspects of neurology, including the neurological examination and basic care of those with neurological impairment. The formal duties thus include:

- directly supervising care of all patients on the Service (direct evaluation of each patient and ongoing monitoring of all diagnostic studies, therapy, and patient status);
- overseeing the quality and timeliness of chart documentation by the Junior Resident and adding a formulation, clarification summary note on complex admissions or during the course of a complex course of illness;
- assuring the timely dictation of discharge notes, including sharing this duty with the Junior Resident;
- reporting to, consulting with, and rounding with the Attending Neurologist daily on floor patients and the neurocritical care Attending and Fellow on ICU patients;
- assisting and filling in for the Junior Resident during the daytime when they are absent or too busy to provide timely coverage of patients on the Service, or consultation on other services including the Emergency Department;
- attending Morning Report;
- planning the biweekly Case Conference/Professor's Rounds, including case selection and organization;
- planning the on-call and other house staff scheduling (after the first few months this may be delegated to the Junior Resident);
- sharing night coverage of the Neurology Services and participating in the Outpatient Clinic.

**Core Competencies:**

**Patient Care-**Resident is able to provide compassionate, appropriate and effective patient care for the treatment of health problems and promotion of health. Resident understands how to appropriately prioritize patient problems and develop an appropriate diagnostic plan, prescribes medications appropriately, shows an appropriate balance between attention to the details of patient care and the overall context of treating the patient's illness. Resident obtains consultations appropriately, and is able to perform technical procedures adequately, when appropriate.

**Medical Knowledge-**Resident demonstrates knowledge of established and evolving biomedical, clinical, epidemiological, and social/behavioral sciences as well as the application of this knowledge to patient care. Resident is able to assess diagnostic information critically and constructively, and recognizes the psychosocial aspects of illness. Resident is able to critically evaluate the medical literature and apply new knowledge to the delivery of safe and effective patient care.

**Practice-Based Learning and Improvement-** Resident is able to critically evaluate the care of their patients, appraise and assimilate scientific evidence, and continuously

improve patient care delivered on the basis of ongoing self-evaluation and learning. The resident uses knowledge to educate patient families, medical students, allied health personnel, peers, and other health professionals as appropriate. Resident is capable of self-identifying strengths, deficiencies, and the limits of their knowledge and expertise. The Resident is receptive to constructive criticism (formative evaluation feedback) regarding the care of patients and physician performance. Resident is able to set learning and improvement goals, and identify and perform activities appropriate to meeting those goals.

Interpersonal and Communication Skills-The Resident demonstrates interpersonal and communication skills that result in effective information exchange and collaboration with patients, families and other health professionals.

These skills include the ability to communicate across a broad range of socio-economic and cultural backgrounds and ability to communicate with physicians, health professionals, and health related agencies effectively. Resident is able to maintain comprehensive, timely and readable medical records. Resident can work effectively as a member or leader of a healthcare team and serve appropriately as a consultant to other physicians and health professionals. Resident is able to clearly lead daily work rounds, when appropriate.

Professionalism- Committed to carrying out professional responsibilities and adhering to ethical principles. Resident demonstrates respect for patient privacy and autonomy and is accountable to patient, society and the medical profession for actions. Resident demonstrates compassion, integrity and respect for others as well as responsiveness to patient needs that supersede self-interest. The Resident demonstrates sensitivity and responsiveness to a broad patient population including diversity in gender, age, culture, race, religion, disability, and sexual orientation. Resident demonstrates the ability to manage personal stress effectively. Answer pages or messages in a timely fashion. Resident understands how to maintain appropriate professional boundaries, and demonstrates integrity, honesty and compassion. Resident completes assigned tasks in a timely fashion.

Systems-Based Practice-Resident understands and is capable to interact effectively with different systems of care. Demonstrates the ability to provide high-quality care in a cost-effective manner. Resident incorporates consideration of cost-awareness and risk-benefit analysis in patient care decisions. Resident advocates for high quality care for all patients.

**Rotation Goals:** (list 3 – 6 goals)

- Learn to assess and manage inpatients and outpatients, primarily from a medically underserved population, with common neurologic problems such as stroke, seizures, cognitive impairment, headache, spine pain, multiple sclerosis, and peripheral nerve disorders. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, Systems-Based Practice)
- Know the neurological complications of HIV/AIDS and substance abuse and work with primary care and appropriate specialists to manage these comorbidities in the context of neurologic disease. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, Systems-Based Practice)
- Manage end-of-life care issues in patients with neurocritical care patients. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills)

- Provide quality patient care as part of a multidisciplinary team including nursing, rehabilitation services (physical, occupation, speech therapy), and social work. (Competencies Addressed: Patient Care, Interpersonal and Communication Skills, Professionalism, Systems-Based Practice)
- Supervise the Junior Resident and, when available, interns rotating on the service. (Competencies Addressed: Patient Care, Medical Knowledge, Interpersonal and Communication Skills, Professionalism)
- Educate medical students, with an emphasis on didactic teaching and monitoring progress toward meeting educational goals. (Competencies Addressed: Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism)

**Rotation Objectives:** (list 3 – 10 training objectives)

- Develop and understanding of the unique challenges that accompany managing inpatients and outpatients from a medically underserved population, and jointly manage these patients with the inpatient attending. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, Systems-Based Practice)
- Evaluate and manage the additional issues related to substance abuse and HIV/AIDS in hospitalized and clinic patients known or suspected to have these conditions presenting with neurologic symptoms. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, Systems-Based Practice)
- Help plan, with the attending and fellow, goals-of-care conferences on neurocritical care patients. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, Systems-Based Practice)
- Organize biweekly professor's rounds in conjunction with the Consult Resident and participate in weekly neuroimaging conference with neuroradiology and neurosurgery. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism)
- Provide didactic medical student instruction on the neurologic examination and work in conjunction with the attending to cover clerkship educational objectives. (Competencies Addressed: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism)
- Provide formative and summative feedback to medical students, intern, and Junior Resident. (Competencies Addressed: Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism)

**Bibliography/Study List:** (list 3 – 10 references). Electronic learning resources can be listed also. These references should reflect general educational materials within your field that is appropriate for a resident in training. High impact individual papers may comprise up to 3 references on the list.)

Bradley WG, Daroff RB, Fenichel G, Jankovic J, Neurology in Clinical Practice, 5<sup>th</sup> edition  
 Brust JCM, Neurological Aspects of Substance Abuse, 2<sup>nd</sup> edition  
 Hemphill JC. Critical care neurology. In: Harrison's Principles of Internal Medicine, 16th ed.

King TE, Wheeler M, Medical management of vulnerable and underserved patients : principles, practice, and populations  
Spudich S, Price RW, Neurologic Disease, in Dolin R, Masur H, Saag MS (eds) AIDS Therapy, 3<sup>rd</sup> edition  
HIV Insite Gateway to HIV and AIDS Knowledge <http://hivinsite.ucsf.edu/>