Community Child Neurology Elective
Competency Based Goals and Objectives

Patient Care. Provide family centered patient care that is developmentally and age appropriate, compassionate, and effective for the treatment of health problems and the promotion of health.

Objectives:
- Perform an accurate and specific history and physical examination for recognition of neurologic disorders
- Integrate history and physical examination with medical knowledge for neurologic disorders to arrive at a differential diagnosis and plan
- Make an informed diagnosis using the most current pathophysiological explanations
- Make evidence-based treatment decisions
- Prescribe current concepts of therapy including mechanisms of drug action and available surgical intervention
- Provide timely, compassionate service and seek appropriate consultation and support in the evaluation and treatment of neurologic disease

Medical Knowledge. Understand the scope of established and evolving biomedical, clinical, epidemiological, and social-behavioral knowledge needed by a pediatric neurologist; demonstrate the ability to acquire, critically interpret, and apply this knowledge in patient care.

Objectives:
- Understand the various pharmacologic and non-pharmacologic treatment options for ADHD
- Understand the indications and limitations of different diagnostic modalities for various developmental disorders
- Demonstrate an understanding of the basic science background of neurologic medicine and apply this knowledge to the clinical care of patients
- Demonstrate an ability to explain and examine the interaction of neurologic diseases with other organ systems and with other medical illnesses
- Demonstrate knowledge of the most current pathophysiological explanations for neurologic disorders

Interpersonal and Professional Communication. Demonstrate interpersonal and communication skills that result in information exchange and partnering with patients, their families, and professional associates.

Objectives:
- Communicate expectations of rotations and roles to medical students, residents, and faculty
- Attend faculty meetings and act as a liaison for the pediatric neurology residents
- Interact in a collegial way with ancillary staff, including administrative assistants, medical secretaries, medical assistances, nurses, nurse practitioners, and office managers with goal of providing optimal patient care
Communicate effectively with patients and their families to obtain clinically relevant information and deliver diagnosis and treatment plan in an easily understood and culturally sensitive manner
Maintain comprehensive, timely, and legible medical records
Communicate effectively with co-residents, faculty, consulting colleagues and health care professionals

Professionalism. Demonstrate a commitment to carry out professional responsibilities, adherence to ethical principles, and sensitivity to diversity.

Objectives:
Organize town hall meetings and facilitate discussion regarding improvements to residency program and resident wellness
Protect patient privacy
Demonstrate sensitivity to race, gender, ethnic background, religion, sexual orientation, and other social factors in dealing with patient care and interactions with other providers and other learners
Treat colleagues at all levels with respect

Practice-based Learning and Improvement. Demonstrate knowledge, skills, and attitudes needed for continuous self-assessment, using scientific methods and evidence to investigate, evaluate, and improve one’s patient care practice.

Objectives:
Observe different treatment styles for various common problems such as developmental delay and headaches
Prioritize clinical responsibilities, provide timely service, and seek appropriate consultation and support
Identify strengths, deficiencies, and limits in knowledge and expertise
Access learning sources (textbooks, medical literature, online resources) to fill gaps in knowledge that are identified during case discussions
Participate in the education of students, residents, and other health care professionals

Systems Based Practice. Understand how to practice quality health care and advocate for patients within the context of the health care system.

Objectives:
Understand the role and limitations of community resources for children with neurodevelopmental and behavioral problems such as autism spectrum disorder
Become familiar with the administrative responsibilities inherent to managing an outpatient pediatric neurology practice that allows for the timely and cost-effective evaluation of patients with a diverse array of problems to be addressed
Describe methods for ensuring that the practitioner and the practice group use scarce resources in a sound, thoughtful and cost-effective manner