Course Objective

1a Apply current neuroscience knowledge to diagnosis and treatment questions in patient care.

1c,1d Apply current clinical and translational sciences to diagnosis and treatment questions in patient care.

1e Apply current knowledge of disease prevention, risk factor modification, end-of-life and palliative care, substance abuse, pain management, medical ethics, and medical-legal issues to clinical problems in neurology.

1f Apply knowledge about the impact of social, economic, cultural, and personal factors on health to clinical problems in neurology.

2a,3a,3b Establish comfortable and mutually respectful student-patient and student-family relationships with diverse patients and families and establishing a respectful basis for the doctor-patient relationship.

2b Interview patients skillfully, utilizing a neurologically focused history.

2c Examine neurologic patients skillfully and respectfully, with appropriate attention to student cleanliness, infection control, and patient comfort and privacy.

2d,2e Define and prioritize the patient’s problems accurately and generate an appropriate differential diagnosis for patients with disorders of the nervous system.

2f,2g Explain the indications, complications, limitations, and performance of a CT scan, MRI, electrodiagnostic studies (EMG, NCV, evoked potentials and EEG) and lumbar puncture.

2h Correctly identify, and prioritize, common abnormalities on CT, MRI and spinal fluid analysis.

3c Communicate effectively with patients and families when special barriers to communication exist, including cultural, linguistic or those based on a neurologic disorder (e.g. aphasia).

3d Assist patients appropriately in understanding their treatment options. To assist patients appropriately in understanding their prognosis.

3f,3g,3h,3i Communicate effectively and collegially with physician colleagues and other members of the health-care team verbally, in writing and in the electronic medical record.

4a,4e Behave respectfully and responsibly towards patients, families, colleagues, and all members of the health-care team and empathize and be respectful of each patient’s concerns, opinions and cultural perspectives.

4b Meet professional responsibilities fully.

4d,4f,4g Adhere to high ethical and moral standards, accept responsibility for personal actions, accept constructive criticism and respect patient confidentiality.

4h,4j Take responsibility for his or her own medical education, and develop the habits of mindfulness and reflection.

4k Describe barriers to access to basic health services and its effect on vulnerable populations.

4l Contribute constructive feedback during peer review.

5a,5b,5e,5f Identify and critically evaluate relevant information about evidence-based, cost-conscious strategies in the care of neurologically ill patients and populations and to apply this to patient care and to continuous updating of skills.

5c,5d,6c,6d,6f Assess the effect of social environment on clinical care and outcomes and apply the concepts of improving quality of care, patient safety, and value of care in neurologically ill patients.

6a,6b Identify appropriate resources to support patient care and to collaborate effectively with all members of the inter-professional team.

6e,6f,6g Describe how healthcare is currently organized, financed, and delivered, and the larger environment in which healthcare occurs and the impact on neurologically ill patients.

6i,6j Identify the role of the physician in addressing the medical consequences of common social and public health factors, and to advocate for optimal care in neurologically ill patients.