

Neurology Program Aims

By the completion of the training program each resident will have developed:

1. Competence in the comprehensive diagnosis and management of all common and most uncommon forms of neurologic disease
2. A comprehensive knowledge base in both basic and clinical neuroscience, and appropriate areas of internal medicine, pediatrics, psychiatry, and other medical fields
3. A comprehensive knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care
4. Skill in professional, accurate and complete procurement of a hypothesis driven medical history and neurological examination
5. An understanding of the principles, indications, contraindications, risk, cost, and expected outcome of the various treatments and diagnostics
6. Competence in communicating diagnosis and treatment plans in a clear and compassionate manner to patients with varied backgrounds, educational experience and coping mechanisms; in particular, skill in the compassionate communication of a devastating prognoses to patients and family members
7. The ability to communicate professionally, accurately and clearly with other healthcare professionals, with a proper acknowledgement of the principles of HIPAA regulations
8. The ability to incorporate self-assessment and self-improvement practices in their plan as a life-long learner
9. The ability to apply practice- and systems improvement, to allow an emphasis on patient safety and quality of care
10. Competence in the practice of evidence-based applied to clinical decision making
11. Knowledge of clinical trial design and statistical testing, as well as the ability to utilize this knowledge for critical interpretation of medical literature to become good consumers of new medical knowledge
12. Participation in the process of biomedical research through involvement in clinical or translational research projects
13. Competence in the education of other health care providers
14. Skill in working in and leading patient-care teams with a variety of providers and care givers to ensure an excellent level of patient safety and satisfaction