Rotation Specific Objectives for Neuropathology: CanMEDS

1. Medical Expert/Clinical Decision-Maker
Demonstrate diagnostic and therapeutic skills for ethical and effective patient care; Access and apply relevant information to clinical practice; recognize personal limits of expertise.

Knowledge Requirements:
A) An intimate and precise knowledge of the anatomy of the central and peripheral nervous systems, including the spine and skull
B) A working knowledge of neuro-embryology
C) Understanding neurophysiology relevant to conditions affecting neurosurgical patients (e.g., clinical neuroendocrinology)
D) Awareness of gross and microscopic neuropathology such that the recognition of morphological features allows the formulation of a differential diagnosis with respect to common neurological and neurosurgical disorders
E) An understanding of basic principles of clinical genetics and chromosomal abnormalities seen in the major neurosurgical disorders that result from these disturbances

2. Communicator
Requirements:
A) Listen effectively
B) Understand and demonstrate the importance of cooperation and communication among health professionals involved in the care of individual
C) Maintain clear, accurate and appropriate written records

3. Collaborator
Requirements:
A) Consult effectively with other physicians and health care professionals
B) Contribute effectively to other interdisciplinary team activities

4. Manager
Requirements:
A) Utilize resources effectively to balance patient care, learning needs, and outside activities
B) Allocate finite health care resources wisely
C) Work effectively and efficiently in a health care organization
D) Utilize information technology to optimize patient care, life-long learning and other activities

5. Health Advocate
Requirements:
A) Contribute effectively to improve health of patients and communities
B) Recognize and respond to issues where advocacy is appropriate
6. Scholar
Requirements:
A) Develop, implement and monitor a personal continuing education strategy
B) Critically appraise sources of medical information
C) Facilitate learning of patients, house staff/students and other health professionals
D) Contribute to development of new knowledge

7. Professional
Requirements:
A) Deliver highest quality care with integrity, honesty and compassion
B) Exhibit appropriate personal and interpersonal professional behaviors
C) Practice medicine ethically consistent with obligations of a physician
D) Use appropriate strategies to maintain and advance professional competence
E) Continually evaluate his/her abilities, knowledge and skills and know his/her limitations of professional competence