

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:

Knowledge

- A) An intimate and precise knowledge of the anatomy of the central and peripheral nervous systems, including the spine and skull
- B) An 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) Demonstrate knowledge of determinants of health by identifying the important determinants of health (i.e., poverty, unemployment, early childhood education, social support systems)
- B) Contribute effectively to improved health of patients and communities
- C) 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