

Rotation Specific Objectives for Neurology: Surgical Foundations

Medical Expert

- Obtain a complete and accurate history relevant to neurological problems
- Perform an accurate and focused physical assessment:
 - Neurology examination
 - Mini-mental status exam
 - Glasgow Coma Score
- Make an anatomical diagnosis of the patients complaints by level of the nervous system involved
- Have a basic knowledge of common neurological conditions:
 - Clinical features
 - Evaluation
 - Treatment
- Effectively manage neurologic emergencies:
 - Status epilepticus
 - Acute stroke treatment with tPA
 - Spinal cord compression
 - Guillain Barre Syndrome
- Understand the basic medications used in neurology for the treatment of seizures, Parkinson disease and other conditions
- Know the indications for common neurologic investigations:
 - CT
 - MRI
 - EEG
 - EMG
- Be able to perform Lumbar puncture and interpret the results

Communicator

- Discuss clinical cases in an organized and logical manner
- Communicate effectively with family and referring physicians by phone and letter
- Complete well-structured discharge summaries in a timely manner
- Prepare and present an effective Neurosciences Grand Rounds presentation

Collaborator

- Work effectively as a member of the ward team (attending physicians, Senior and Junior residents and medical students), sharing clinical and academic responsibilities
- Work effectively with paramedical staff (Speech, Occupational and Physical Therapy, Social Workers) to implement interventions targeted to the patient's health needs
- Contribute effectively in Multidisciplinary rounds
- Understand the role of and indications for ancillary services



UNIVERSITY OF SASKATCHEWAN

Neurosurgery Residency Training Program

Scholar

- Demonstrate active learning by reading about cases that have been encountered on service
- Present clinical cases at ward rounds in a logical and thoughtful manner
- Participate actively in weekly seminars, demonstrating interest and growth of knowledge:
 - Radiology rounds
 - Seminars

Health Advocate

- Understand the impact of neurological disease on patients and their families
- Assist patients in accessing appropriate support services

Manager

- Effectively manage time – balancing the needs of ward based care and clinic responsibilities
 - Effectively triage multiple responsibilities
 - Complete dictations in a timely manner
- Plan and monitor the evaluation of patients in an efficient and cost effective manner

Professional

- Recognize and discuss ethical issues at rounds. Demonstrate an organized and rational approach to ethical dilemmas
- Accurately assess his or her own level of ability and seek help when appropriate
- Demonstrate respect for patient confidentiality
- Identify neurological conditions that disqualify patients from driving and fulfill responsibilities for mandatory reporting