

Epilepsy Elective Rotation

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Epilepsy Faculty:

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Knowledge/Skills

1. Develop an understanding of the epidemiology and etiology of epilepsy.
2. Gain basic knowledge of the definition and basic treatment for status epilepticus.
3. Develop skills to be able to form a differential diagnosis and management plan for patients with epilepsy.
4. Address the ethical issues related to non-epileptic events and epilepsy
5. Develop basic knowledge of mechanisms and side effects of epileptic medications.
6. Be able to critically analyze and assess literature appropriate to epilepsy.
7. Obtain basic EEG reading skills.
8. Participate in the epilepsy monitoring unit and epilepsy clinic.

Procedures

1. Evaluate EEG's.
2. Be familiar with video-EEG monitoring.
3. Be familiar with pre-surgical evaluation.
4. Be familiar with radiology diagnostic procedures.
5. Be familiar with clinical approach to epilepsy and patient safety at home

Attitudes (include professional attitudes/behaviors)

1. Interact in a professional and courteous manner with patients.
2. Interact professionally with staff and be an integral part of the epilepsy team.
3. Show interest, initiative, and self-motivation in learning.

Reading and/or Texts

Selected reading from:

- Atlas of EEG, Seizure Semiology, and Management, Misulis, 2013
- Current Practice of Clinical Electroencephalography, Ebersole and Pedley, 2003
- EEG Primer, Fisch and Spehlmann's, 1999
- AAN Continuum: Epilepsy

Assignments:

-proper attendance

- reading of routine EEGs
- presentation of EMU patients
- quality improvement project