Epilepsy Rotation

Goals:

EEG
- Understand the indications for ordering an EEG
- Provide an exposure to the approach to reading EEGs
- Understand the basics of EEG reading
  - Background
  - State changes
  - Activating maneuvers

Recognize normal EEG patterns and common normal variants
Recognize basic abnormalities
  - Generalized slowing
  - Focal slowing
  - Interictal discharges
Interpreting the EEG abnormalities
Clinical correlation and limitations of EEG

Epilepsy
Approach to the patient with epilepsy/seizures
Differential diagnosis of epilepsy
Workup for epilepsy
Deciding when to treat seizures
Treatment options – focused on medications
Recognizing refractory epilepsy
Exposure to other treatments – stimulators and surgery

Schedule

<table>
<thead>
<tr>
<th></th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
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</thead>
<tbody>
<tr>
<td>AM</td>
<td>Choices</td>
<td>West LA VA Seizure Clinic</td>
<td>Didactic</td>
<td>Review EEGs for the day at UCLA</td>
<td>EEG reading at Olive View</td>
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<tr>
<td>PM</td>
<td>Epilepsy Clinic at UCLA</td>
<td>EEG reading at West LA VA</td>
<td>EEG reading at UCLA with Dr. Soss</td>
<td>EEG and EP reading with Dr. Nuwer</td>
<td>EEG reading with Dr. Engel</td>
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EEG Rotation
Version Date 5.18.10
Choices on Mon and Friday AM allow for some degree of exploration in areas of interest, and include:
- Self study/reading
- Intraoperative monitoring exposure
- Rounding on the surgical monitoring unit
- EEG course (being developed by David Gloss) – under review
- Specialty clinics – i.e. Epilepsy genetics clinic with Dr. Escueta (can be set up on an as interested basis)

**Rotation review and improvements plan**
At the end of the rotation, residents will evaluate the experience of each half day activity as well as the overall rotation meeting the goals and objectives.
Alterations will be made in the activities based on feedback:
- Activities not meeting the goals will be restructured or eliminated as warranted
- Activities will be added as needed to accomplish the goals of the rotation
On an annual basis, the rotation will be reviewed, and feedback given to the attendings regarding the resident evaluations, and suggestions for improvement solicited from the various attendings and site personnel.