Quick Links

- For Residents:
  - EEG rotation for residents
  - Epilepsy Clinic Rotation for residents
- For Fellows:
  - Epilepsy/Clinical Neurophysiology Fellowship Homepage
- For neuroimaging using CURRY software:
  - CURRY Help Archive

Inpatient Epilepsy Topics

- Adult
  - Status Epilepticus (first 1-6 hours)
  - Benzodiazepine use in LTM patients
  - Protocol: Tapering AEDs to increase yield for LTM
  - Use of restraints on 4A in LTM patients
  - Early EEG contributes to multimodal outcome prediction of postanoxic coma (Jofmeijer et al., Neurology, 2015)
- Pediatric
  - Status epilepticus in children: suggested medications

Clinical Epilepsy Topics

- Diagnosis
  - Seizure Classification (epilepsydiagnosis.org)
  - Epilepsy: Definitions and basics
  - Epilepsy Syndromes (From L Selwa)
  - Localization of seizures based on semiology
    - Classic localization of focal seizures (From L Selwa)
    - From Clinical Neuropsychology book
  - SUDEP (sudden unexplained death in epilepsy)--(L Selwa)
  - Anti-epileptic Medications
    - Choosing an AED
      - AED abstracts - an excellent resource with summaries of each AED
      - Efficacy spectrum of AEDs
      - Seizure Medicine FDA Approved Indications
      - AED indications and adverse effects (2012) - doc format
      - Is mechanism useful to select AEDs?
    - Side effects of AEDs and special considerations
      - Side effects of AEDs that you really do need to think about.
      - AEDs and suicide
      - Depression and Epilepsy
      - Pregnancy and AEDs
      - Can AEDs worsen epilepsy?
    - AED Dosing and Titration
      - Cytochrome P450 System Drug Interactions - Dave Flockhart's lab
      - Phenytoin Dosing and Titration
      - Lamotrigine Dosing and Titration
      - Topiramate Dosing and Titration
      - AED pediatric dosing table
    - Prescribing intranasal midazolam in clinic
      - Outpatient intranasal midazolam for adult patients
    - Social & Legal Aspects of Epilepsy
      - Driving after a seizure or sleepiness and how to document conversations
      - Michigan Driving Evaluation Form
      - Epilepsy social work resources (mental health, financial assistance), disability, FMLA, employment, epilepsy foundation

EEG (Electroencephalography)

- Basics of Reading EEG
- Electrode Placement
  - 10-20 system electrode placement
- Common / Useful montages
  - Bipolar (double banana) montage
  - Transverse montage
  - Cz referential montage
  - Grapefruit montage
• Do you see EEG epileptiform abnormalities in normal persons?
• Generating Reports
  • Dotphrases for MiChart
  • For more information on how to generate reports, see the Quickstart Guide