

# COMPREHENSIVE EPILEPSY AND EEG SERVICES

## All Patient Referrals and EEG Orders

617-632-8930 or [epilepsy@bidmc.harvard.edu](mailto:epilepsy@bidmc.harvard.edu)

### Clinical Consultations



- First seizure
- Drug-resistant epilepsy
- Antiseizure medications
- Women's health and seizures in pregnancy
- Seizures in the elderly
- Genetic/developmental causes of epilepsy
- Seizures from traumatic brain injury

### EEG Services

- Routine (60-minute) EEG recordings
- High-density (256-channel) scalp EEG
- Ambulatory (take-home) EEG monitoring
- Inpatient epilepsy monitoring unit



- 24/7/365 coverage by board-certified EEG physicians

### Surgical Therapies

- Resection of seizure focus
- Intracranial EEG recording
- Laser interstitial thermal therapy (LITT)
- Responsive neurostimulation (RNS)
- Vagus nerve stimulation (VNS)
- Deep brain stimulation (DBS)



- Weekly multidisciplinary case conference for complex referred patients



### Counseling and Education

- Epilepsy nurse specialist
- Affiliated psychiatrist and neuropsychologist
- Fully staffed epilepsy resource room

### Research Opportunities

- Clinical trials of new antiseizure medications
- Innovative EEG technology
- NIH-funded basic and translational epilepsy studies



- Epilepsy and cognition
- Computational research

**Bernard S. Chang, MD**  
Director, Comprehensive Epilepsy Center



**Mouhsin Shafi, MD, PhD**  
Director, EEG Lab



### Epilepsy/EEG Physicians

**Frank Drislane, MD**  
**Daniel Goldenholz, MD, PhD**  
**Monica Makhija, MD**  
**Volney Sheen, MD, PhD**  
**Omar Siddiqi, MD**

### Epilepsy Nurse Specialist

**Matthew Reed, RN, BSN**

**Trudy Pang, MD**  
Director, Fellowship Training Programs

