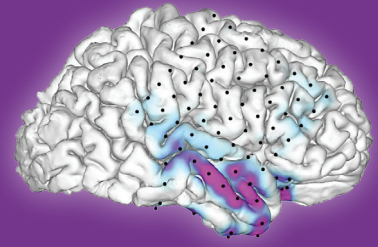


Epilepsy Center

ucsfhealth.org/epilepsy



TOP RANKED

UCSF Medical Center is ranked No. 1 in the U.S. in neurology and neurosurgery

UCSF Medical Center is No. 1 in the West for epilepsy surgery volume*

1/26

Approximately 1 in 26 people in the U.S. will develop epilepsy at some point in their lifetime.†



CUTTING-EDGE TREATMENTS

One-third of epilepsy patients are drug-resistant.† UCSF offers advanced options, including surgery or neurostimulation, that can often improve or even cure drug-resistant epilepsy.

*Source: National Association of Epilepsy Centers. †Source: Epilepsy Foundation of America.

PIONEERS IN ADVANCED DIAGNOSTIC IMAGING, SURGERY AND MEDICAL TREATMENTS FOR PATIENTS WITH EPILEPSY

The UCSF Epilepsy Center is the Bay Area's premier level 4 epilepsy center, the highest possible rating from the National Association of Epilepsy Centers. Our experienced, multidisciplinary team members – which include neurologists and neurosurgeons, neuropsychologists, neuroradiologists, nutritionists, nurses and pharmacists – have all received specialized training in epilepsy and the problems that are associated with both acute and chronic manifestations of seizures. Our technology and extensive experience allow us to continue to lead the way in treatment innovations and to provide individualized medical, surgical and other treatment options for each patient.

PROGRAM FEATURES

- A 10-bed inpatient Seizure Monitoring Unit featuring state-of-the-art electroencephalography (EEG) technology to accelerate epilepsy diagnosis and treatment planning
- Surgical expertise that includes awake brain mapping during surgery, Gamma Knife radiosurgery, stereo-electroencephalography, high-density electrode grid technology, vagus nerve stimulation therapy, NeuroPace responsive neurostimulation (RNS System), deep brain stimulation (DBS), Visualase laser thermal ablation, and focal resection
- Biweekly multidisciplinary surgery conferences, where we discuss individual cases with all members of our epilepsy team, including epileptologists, neurosurgeons, neuropsychologists, advanced practice nurses, mental health providers and care coordination staff
- Multimodal imaging techniques that enable visualization of the sources of seizures, including detailed brain structure (MRI), electrical activity (EEG), magnetic field (MEG), metabolic activity (PET), and blood flow (SPECT); also, OPSCEA, a revolutionary computer animation technology that displays the spread patterns of seizure activity projected over a personalized 3D model of the brain

MORE →

INFORMATION / REFERRALS

■ PHONE (415) 353-2437 ■ FAX (415) 353-2837 ■ ucsfhealth.org/epilepsy

UCSF Health

- Unique specialization in high-density electrode grids and placement of depth electrodes, providing unparalleled detail and insights for surgical planning
- Sophisticated noninvasive brain mapping expertise, which enables our specialists to address the most complex cases and provide surgery for previously inoperable conditions
- Research that has helped define the most modern approaches of therapy for patients, including treatment with new medications, surgical removal of the source of seizures, and the implantation of brain stimulation devices

CONDITIONS TREATED

- Brain inflammation
- Brain malformations
- Drug-resistant epilepsy
- Epileptic encephalopathy
- Focal epilepsy
- Generalized epilepsy
- Loss of awareness
- Seizures
- Status epilepticus
- Temporal lobe epilepsy

WHY REFER TO THE UCSF EPILEPSY CENTER?

- We are the only epilepsy center in the Bay Area with three certifications from the American Board of Registered EEG Technologists (EEG, ICU, LTM).
- We conduct research on medical imaging and both surgical and nonsurgical treatments for epilepsy, offering patients personalized treatment plans.
- Our specialists have an international reputation for pioneering advancements in diagnostic imaging, surgery and medical treatments that help improve the quality of life for the thousands of patients we care for each year.
- Our patients have access to multiple treatment options, including clinical trials of next-generation drugs, devices and surgical procedures.

WHO SHOULD BE REFERRED?

Patients who should be referred to the UCSF Epilepsy Center include those who have been:

- Diagnosed with epilepsy or seizures that limit quality of life
- Prescribed multiple medications in the past to control seizures

OUR TEAM

EPILEPSY NEUROLOGY

Susannah Cornes, MD
Paul Garcia, MD
Manu Hegde, MD, PhD
Heidi Kirsch, MS, MD
Jon Kleen, MD, PhD
Robert Knowlton, MD
Daniel Lowenstein, MD
Mercedes Paredes, MD, PhD
Vikram Rao, MD, PhD
Tina Shih, MD

NEUROPSYCHOLOGY

Brandon Kopald, PsyD

NEUROPSYCHIATRY

Vivek Datta, MD

NEUROSURGERY

Edward Chang, MD

NURSE PRACTITIONERS

Roxana Benavides, NP
Sudha Lama, NP
Maritza Lopez, NP

PHARMACIST

Brian Alldredge, PharmD