

Advanced Epilepsy Care at Mount Sinai



Our team of epilepsy specialists will partner with you to create a personalized care plan, unique to your health, lifestyle, and needs. We'll discuss with you your history of seizures, medications, and other medical conditions, and what your goals are for your overall well-being.

Many patients need more advanced treatment to help control their seizures. These include surgical options which are safe and may be minimally invasive (meaning they use smaller incisions and have a shorter recovery time).

WE FIND A WAY



Locations

Mount Sinai Brooklyn

3201 Kings Highway
Brooklyn, NY 11234
718-951-3024

The Mount Sinai Hospital*

1468 Madison Avenue
New York, NY 10029
212-241-2627

Mount Sinai Kravis Children's Hospital*

1184 Fifth Avenue
New York, NY 10029
212-241-2401

Mount Sinai Morningside

1111 Amsterdam Avenue
New York, NY 10025
212-523-7350

Mount Sinai Queens

3160 21st Street
Astoria, NY 11106
718-803-7300

Mount Sinai South Nassau

One Healthy Way
Oceanside, NY 11572
516-632-4590

Mount Sinai-Union Square

10 Union Square East
New York, NY 10003
212-844-8888

Mount Sinai West*

1000 Tenth Avenue
New York, NY 10019
212-523-7350

*A level 4 epilepsy center. Our level 4 centers provide more complex forms of monitoring, evaluation, and treatment, including surgical procedures.

Testing

If you are considering advanced treatment options, your doctor will first order one or more of the following tests:

- **Neuropsychological testing:** This test helps us better understand the state of your memory, thinking, and organizational skills.
- **Video electroencephalogram (video EEG):** A video recording performed at the same time as an EEG helps us to better understand where in your brain your seizures may be coming from.
- **Intracranial amobarbital test (Wada):** We'll look at language and memory on one side of your brain at a time.
- **Advanced Imaging (MRI or PET):** These tests allow us to see your brain in great detail, which may help us determine where the seizures are coming from.

Your epilepsy team will review your test results with you. Together, you will discuss all the advanced testing and treatment options. Your team will answer any questions and make sure you have all the information you need to make the decision that is best for you.

Your treatment decisions can be revisited at any time. As your health and needs change, your care team will make sure we're always staying on top of your health.

Surgical Options

Advanced Testing

Stereotactic Electroencephalography (SEEG):

During this test, we place electrodes in your brain to get more detailed information about where your seizures are coming from.

Seizure Devices (Neuromodulation Options)

Responsive Neurostimulation (RNS):

We place a small device with tiny wires underneath your skull. The wires are placed in the area of your brain where your seizures begin. The device monitors your brain activity and helps stop seizures.

Vagus Nerve Stimulation (VNS):

We place a small device with tiny wires underneath your chest. The wires are connected to your vagus nerve. The device stimulates your vagus nerve regularly to help prevent seizures.

Deep Brain Stimulation (DBS):

We place electrodes in your brain which deliver regular stimulation to help prevent seizures.

Resective Surgery and Laser Ablation

Resective Surgery:

We remove the very specific part of your brain that is causing your seizures. We do not harm any part of the brain that is used for memory, language, or other important skills.

Laser Ablation (LITT):

We use a laser to deactivate the part of your brain that is causing your seizures. We do not harm any part of the brain that is used for memory, language, or other important skills.

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