



# NEW JERSEY PEDIATRIC NEUROSCIENCE INSTITUTE





# WHAT IS PEDIATRIC EPILEPSY?

Pediatric epilepsy refers to a medical condition characterized by recurrent seizures that occur in children. Epilepsy is a [neurological disorder](#) that affects the brain's electrical activity, leading to abnormal and excessive electrical discharges that result in seizures. Seizures can vary in their presentation, from brief moments of altered consciousness or muscle twitching to more severe convulsions.





# TYPES OF EPILEPSY -

- **Temporal Lobe Epilepsy:** Seizures originate in the temporal lobes of the brain and often involve altered consciousness or unusual behaviors.
- **Generalized Epilepsy:** Seizures affect both sides of the brain and typically result in loss of consciousness and generalized convulsions.
- **Absence Seizures:** These are brief, staring spells that often occur in childhood.
- **Focal Onset Seizures:** Seizures that start in a specific area of the brain and can spread to other regions.



# CAUSES AND TREATMENT

## Causes

Epilepsy can be caused by various factors, including genetics, brain injuries, infections, brain tumors, or developmental disorders. In many cases, the exact cause is unknown.

---

## Treatment

Epilepsy is often managed through medications (antiepileptic drugs) that help control and prevent seizures. In some cases, surgery may be an option to remove or disconnect the affected brain tissue. Other treatments include dietary therapy examples, ketogenic diet and neuromodulation devices.

---



# ABOUT US



The New Jersey Pediatric Neuroscience Institute is a renowned center for pediatric epilepsy care. Their expert team of [pediatric neurologists](#), nurses, and support staff is dedicated to providing advanced and compassionate care for children with epilepsy. They offer cutting-edge treatments, conduct innovative research, and prioritize a family-centered approach. Families in New Jersey and beyond can trust them for the best pediatric epilepsy care, ensuring a brighter, seizure-free future for their children.



# Thank's For Watching

Connect with us.

 +1 973-326-9000

 131 MADISON AVE 3RD FL, MORRISTOWN, NJ 07960,  
UNITED STATES

