



**KD Hospital®**  
કુસુમ ધીરજલાલ હોસ્પિટલ

# Epilepsy is Treatable!

**Gujarat's Most Comprehensive Epilepsy Treatment Centre**  
With a Leading Team of Epileptologists and Epilepsy Surgeons

## What is Epilepsy?

Epilepsy is a neurological disorder that can affect anyone due to abnormal electrical signals in the brain, leading to seizures. The symptoms could include falls, frothing at the mouth, jerking of limbs and loss of consciousness. Epilepsy can occur due to a variety of causes, such as brain malformations, infections, tumours, trauma, stroke, electrolyte imbalance, etc.

## Common Symptoms of Epilepsy

- Loss of consciousness
- Eyelid fluttering and body jerks
- Frequent falls
- Muscle spasms or convulsions
- Unusual sensations, like strange tastes or smells
- Confusion or numbness
- Hallucinations, such as seeing imaginary scenes, hearing strange sounds, or feeling something rising from the stomach
- Unconscious actions like pulling at clothes, wandering aimlessly, lip-biting, chewing, or mimicking vehicle-related tasks
- Feeling empty-headed or experiencing tingling in hands and feet
- Talking nonsensically
- Sudden shouting, aggression, or irrational behaviour



# Types of Seizures

- **Generalised Seizures** : Affects the entire body simultaneously.
- **Focal Seizures** : Affect a specific part of the brain and may start as a focal seizure before progressing to a generalised seizure.

## Diagnostic Tests for Epilepsy

- **Video EEG (Electroencephalogram)** : Captures brain's electrical activity along with video footage to monitor seizures.
- **MRI/CT Scan** : Detects brain abnormalities, such as tumours, injuries, or developmental defects.
- **Blood Tests** : Identifies underlying medical conditions.
- **Lumbar Puncture**: Analyses cerebrospinal fluid to rule out infections.
- **Neuropsychology**

## Epilepsy Treatment

- **Medication for seizures**
- **Epilepsy surgery**
- **Rehabilitation therapy**

### OUR EXPERT TEAM



**Dr Gopal Shah**

Senior Consultant Neurosurgeon,  
Mch Neurosurgery



**Dr Rutul Shah**

Consultant Neurologist & Epileptologist,  
DM Neurology (NIMHANS - Bangalore),  
PDF in Epilepsy (Amrita Institute - Kochi)



**Dr Abhishek Gohel**

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