

# Effect of Vitamin D3 Supplementation on Brain Waves in Male Epileptic Patients With Hypovitaminosis D

NCT07096414

---

Status	RECRUITING
Phase	Not Applicable
Sponsor	Bangladesh Medical University
Enrollment	15 participants

## Key Eligibility Criteria

---

### Inclusion (6)

- Diagnosed male patients with Epilepsy by neurologist from the Out Patient Department of Department of Neurology, BMU by taking proper history of at least two unprovoked (or reflex) seizures occurring  $> 24$  hours apart, from patients and eye witnesses.
  - Hypovitaminosis D ( $< 30$  ng/ml)
  - BMI : 20 - 24 kg/m<sup>2</sup>
  - On antiepileptic medication for 6 months to 2 years (enzyme inducing AEDs, e.g. Carbamazepine, Phenytoin, Phenobarbital)
  - Without any medication that affect central nervous system other than antiepileptic drugs (Antidepressants, Antipsychotic, Anxiolytic, Anesthetic drugs)
- ... and 1 more (see full listing online)

### Exclusion (11)

- Patients suffering from absence seizure
  - Certain AEDs (Sodium valproate, Ethosuximide, Oxcarbazepine, Topiramate, Lamotrigine, Levetiracetam)
  - Smoker
  - Alcoholic
  - Known hypersensitivity to vitamin D3
- ... and 6 more (see full listing online)

## Locations (1 total)

---

Bangladesh Medical University, Dhaka, Shahbag, Dhaka, Bangladesh