# Anti Epileptic Drug (AED) Treatment of Epilepsy

<table>
<thead>
<tr>
<th>Drug</th>
<th>Treatment</th>
<th>Possible side effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ativan (Lorazepam)</td>
<td>Add-on for all seizure types</td>
<td>Drowsiness, light-headedness</td>
</tr>
<tr>
<td>Diamox (Acetazolamide)</td>
<td>Has a specific role in treating epilepsy associated with menstruation. It can also be used with other anti-epileptics for tonic-clonic and partial seizures. It is occasionally helpful in atypical absence, atonic and tonic seizures.</td>
<td>Nausea, vomiting, taste disturbance, loss of appetite, headache, dizziness, flushing, Increased urine output</td>
</tr>
<tr>
<td>Epanutin (Phenytoin)</td>
<td>All forms of epilepsy except absence seizures. Serum level monitoring essential</td>
<td>Gastro Intestinal Disturbance Skin rash, drowsiness, constipation, tremor, unsteadiness and slurred speech. Coarsening of facial features, overgrowth of gums and acne may be a problem with prolonged therapy.</td>
</tr>
<tr>
<td>Epilim Epilim chrono Epilim chronosphere Episenta (Sodium Valproate)</td>
<td>All forms of epilepsy</td>
<td>Drowsiness and tremor are infrequent side effects. Hair loss occurs in some people and on occasions excessive weight gain may occur. However these effects are usually reversible if the dose is reduced.</td>
</tr>
<tr>
<td>Epistatus buccal (Midazolam)</td>
<td>For prolonged or clusters of all seizure types Rescue use Status Epilepticus</td>
<td>Drowsiness</td>
</tr>
<tr>
<td>Felbatol (Felbamate)</td>
<td>Add-on for all seizure types which have failed all other AEDs. Used under strict specialist supervision</td>
<td>Constipation, diarrhoea, difficulty sleeping, dizziness, headache, loss of appetite, nausea, vomiting.</td>
</tr>
<tr>
<td>Frisium (Clobazam)</td>
<td>Add-on for all seizure types Generalised tonic-clonic and partial seizures, but tolerance frequently develops</td>
<td>Drowsiness, light-headedness, confusion, gastro-intestinal disturbances</td>
</tr>
</tbody>
</table>
**Gabitril (Tiagabine)**  
Add-on treatment for partial seizures with or without secondary generalisation not satisfactorily controlled with other anti-epileptic medication.  
Diarrhoea, dizziness, tiredness, nervousness, tremor, impaired concentration, low mood

**Inovelon (Rufinamide)**  
Add-on treatment of seizures in Lennox-Gastaut syndrome  
Nausea, vomiting, diarrhoea, weight loss, abdominal pain, drowsiness, insomnia, fatigue, rash and fever

**Keppra (Levetiracetam)**  
Mono-therapy and add-on treatment of partial seizures with or without secondary generalisation and for add-on therapy of myoclonic seizures and generalised tonic-clonic seizures  
Nausea, vomiting, diarrhoea, abdominal pain, weight changes, cough, drowsiness, dizziness, headache, low mood

**Lamictal (Lamotrigine)**  
Mono-therapy and add-on treatment of partial seizures and primary and secondarily generalised tonic-clonic seizures; seizures associated with Lennox-Gastaut syndrome; mono-therapy of typical absence seizures in children.  
Gastro Intestinal Disturbance  
Skin rash, drowsiness, double vision, dizziness and headache, insomnia

**Lyrica (Pregabalin)**  
Add-on therapy for partial seizures with or without secondary generalisation  
Dry mouth, constipation, nausea, vomiting, drowsiness, dizziness, changes in mood, attention difficulties, weight gain

**Mysoline (Primidone)**  
All forms of epilepsy except absence seizures (Primidone is partly metabolised to phenobarbitone in the body)  
Nausea, visual disturbances, unsteadiness and drowsiness may occur initially but sedation and slowing of mental performance may persist

**Neurontin (Gabapentin)**  
Mono-therapy and add-on treatment of partial seizures with or without secondary generalisation  
Gastro Intestinal Disturbance  
Diarrhoea, dry mouth, drowsiness, dizziness headache, fatigue, weight gain

**Phenobarbitone (Phenobarbital)**  
All forms of epilepsy except absence seizures  
Nausea, unsteadiness and drowsiness may occur initially but sedation and slowing of mental performance may persist

**Rivotril (Clonazepam)**  
Add-on for all seizure types  
Partial seizures, absences and myoclonic jerks  
Drowsiness, fatigue, dizziness, restlessness

**Sabril (Vigabatrin)**  
Initiated and supervised by appropriate specialist, add-on treatment of partial seizures with or without secondary generalisation not satisfactorily controlled with other anti-epileptic drugs; mono-therapy for management of infantile spasms (West’s syndrome)  
Drowsiness, nausea, behaviour and mood changes. Visual field defects. Psychotic reactions have been reported
| **Tegretol**  
| **Tegretol Retard**  
| **(Carbamazepine)** | Partial and secondary generalised tonic-clonic seizures, primary generalised tonic-clonic seizures | Nausea, Vomiting, dizziness, drowsiness, skin rash, double vision, unsteadiness |
| **Topamax**  
| **(Topiramate)** | Mono-therapy and add-on treatment of generalised tonic-clonic seizures or partial seizures with or without secondary generalisation; add-on treatment of seizures in Lennox-Gastaut syndrome | Nausea, abdominal pain, diarrhoea, dry mouth, taste disturbance, weight loss, headache, fatigue, dizziness, word finding difficulties, pins and needles in hands and feet |
| **Trileptal**  
| **(Oxcarbazepine)** | Mono therapy and add-on treatment of partial seizures with or without secondary generalised tonic-clonic seizures | Nausea, vomiting, constipation, diarrhoea, abdominal pain, dizziness, headache and drowsiness  
Skin rash |
| **Vimpat**  
| **(Lacosamide)** | Add-on therapy in the treatment of partial-onset seizures with or without secondary generalisation | Nausea, vomiting, dizziness, headache, constipation, depression, double vision, drowsiness |
| **Zarontin**  
| **Emeside**  
| **(Ethosuximide)** | Typical absence seizures; it may also be used in atypical absence seizures. Rarely used for myoclonic or tonic seizures | Gastro Intestinal Disturbance  
Nausea, vomiting, headache, fatigue, dizziness, weight loss |
| **Zebinix**  
| **(Eslicarbazepine Acetate)** | Add-on treatment in adults with partial seizures, with or without secondary generalisation | Dizziness, sleepiness, headache |
| **Zonegran**  
| **(Zonisamide)** | Add-on treatment for drug-resistant partial seizures with or without secondary generalisation | Nausea, diarrhoea, abdominal pain, weight loss, drowsiness, dizziness, confusion, irritability, skin rash |