

TRADE NAME	GENERIC NAME	COMMON USE	COMMON and/or SERIOUS SIDE EFFECTS
Name used by the company to market the medication	Name based on the chemical composition of the medication	Types of seizures the medication is most commonly used to control	These side effects may require medication dosage adjustment or discontinuation of the medication
Ativan <sup>®</sup>	lorazepam	for interruption of clusters of seizures and/or status epilepticus	drowsiness, dizziness, irritability, behavior changes, loss of coordination
Carbatrol <sup>®</sup>	carbamazepine	simple and complex partial and generalized motor (tonic-clonic) seizures, not absence	drowsiness, dizziness, blurred or double vision, loss of coordination, <b>hyponatremia, rash, leukopenia, birth defects</b>
Depakene <sup>®</sup> Depakote <sup>®</sup> Depakote <sup>®</sup> ER	valproic acid divalproex sodium (broken down in body to valproic acid)	primary generalized tonic-clonic, absence, myoclonic, tonic, atonic, complex partial and secondarily generalized tonic-clonic	nausea/vomiting, indigestion, dizziness, hair loss, tremor, drowsiness, weight gain, <b>liver failure mostly in children less than 2 years, pancreatitis, birth defects</b>
Diastat <sup>®</sup>	diazepam	for interruption of clusters of seizures and/or status epilepticus	somnolence, dizziness, headache, incoordination, <b>rash</b>
Dilantin <sup>®</sup> Phenytek <sup>™</sup>	phenytoin	simple partial, complex partial and generalized motor (tonic-clonic) seizures, not absence	increased hair growth, gum tissue overgrowth, loss of coordination, blurred or double vision, dizziness, confusion, slurred speech, <b>rash, liver problems, swollen lymph nodes, osteoporosis</b>
Felbatol <sup>®</sup>	felbamate	refractory epilepsy only: complex partial generalized (tonic-clonic) seizures; seizures associated with Lennox-Gastaut Syndrome	weight loss, stomach upset, difficulty sleeping, headache, <b>aplastic anemia (blood disorder), liver failure</b>
Gabitril <sup>®</sup>	tiagabine	simple and complex partial seizures	nausea/vomiting, dizziness, sleepiness, difficulty with concentration, speech or language problems, nervousness, mood problems, <b>rash</b>
Keppra <sup>®</sup>	levetiracetam	simple and complex partial and secondarily generalized tonic-clonic seizures	drowsiness, dizziness, fatigue, weakness and mood changes, lack of energy, agitation or hostility
Klonopin <sup>®</sup>	clonazepam	atonic, myoclonic	drowsiness, dizziness, irritability, behavior changes, loss of coordination, slurred speech, mood changes
Lamictal <sup>®</sup>	lamotrigine	simple and complex partial and secondarily generalized tonic-clonic seizures associated with Lennox-Gastaut Syndrome	dizziness, double vision, sleepiness, loss of coordination, <b>rash</b>
Lyrica <sup>®</sup>	pregabalin	simple and complex partial and secondarily generalized tonic-clonic seizures	Somnolence, dry mouth, blurred vision, peripheral edema, weight gain and abnormal thinking
Mysoline <sup>®</sup>	primidone	simple and complex partial and secondarily generalized tonic-clonic; generalized motor (tonic-clonic) seizures	drowsiness, irritability, dizziness, behavior changes, loss of coordination, slurred speech, mood changes, <b>rash, liver problems</b>
Neurontin <sup>®</sup>	gabapentin	simple and complex partial and generalized motor (tonic-clonic) seizures	drowsiness, dizziness, loss of coordination or blurred vision, weight gain
no commonly used trade name	phenobarbital	simple and complex partial and primary and secondarily generalized tonic-clonic seizures	drowsiness, irritability, dizziness, behavior changes, loss of coordination, slurred speech, mood changes, <b>rash, liver problems</b>
Tegretol <sup>®</sup> Tegretol <sup>®</sup> - XR	carbamazepine	simple and complex partial and generalized motor (tonic-clonic) seizures, not absence	drowsiness, dizziness, blurred or double vision, loss of coordination, <b>hyponatremia, rash, leukopenia, birth defects</b>
Topamax <sup>®</sup>	topiramate	simple and complex partial epilepsy, with or without generalized tonic-clonic seizures, primary generalized tonic-clonic seizures, seizures associated with Lennox-Gastaut Syndrome	speech or language problems, fatigue, nervousness, difficulty w/ concentration/attention, depression, mood problems, decreased appetite, <b>kidney stones, glaucoma</b>
Trileptal <sup>®</sup>	oxcarbazepine	simple and complex partial and generalized motor (tonic-clonic) seizures, not absence	dizziness, drowsiness, fatigue, abnormal gait, mood changes, unsteadiness, <b>hyponatremia, rash</b>
Zarontin <sup>®</sup>	ethosuximide	absence	drowsiness, nausea/vomiting, diarrhea, sleep disturbance, hyperactivity, hiccups
Zonegran <sup>®</sup>	zonisamide	partial and generalized motor (tonic-clonic) seizures	drowsiness, weight loss, double vision, dizziness, nausea, overheating, irritability, mood changes, <b>kidney stones, rash</b>

More serious or even life threatening side effects may develop from these medications, some of which include allergic reactions (such as rash), liver changes and/or blood changes.

Side effects displayed in bold need immediate medical attention.

The prescription of antiepileptic drugs is complex and varies depending on individual facts and circumstances. Patients must use the medication(s) as prescribed and inform their physicians of side effects. Use of these medications during pregnancy may be harmful to the developing fetus. Patients should discuss pregnancy with their physicians before getting pregnant. Women of childbearing age should take a multi-vitamin and folic acid daily.

This chart does not offer solutions to individual patient care issues. Indications for the AEDs listed are based on MINCEP's clinical experience and use.

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