## **Epilepsy Education Everywhere**

## **Epilepsy Medications**

|                       |                        | Potential* Adverse Reactions or Side   |   |  |
|-----------------------|------------------------|--|---|--|
| Brand Name            | Generic                | Effects (some are rare)  |   | Commonly Used For  |
| Ativan                | Lorazepam              | <ul><li>Drowsiness</li><li>Poor coordination</li><li>Behavior changes</li></ul>  | <ul><li>Sleepiness</li><li>Fatigue</li><li>Unsteadiness</li></ul>                             |  |
| Banzel                | Rufinimide             |  |   | Lennox-Gastaut Syndrome  |
| Carbatrol             | Carbamazepine          | <ul><li>Dizziness</li><li>Blurred or double vision</li><li>Abnormal blood count (ra</li></ul>  | <ul><li>Drowsiness</li><li>Nausea</li><li>Skin rashes</li></ul>                               | Partial Seizures   |
| Celontin              | Methsuximide           | <ul><li>Irritability</li><li>Appetite loss</li><li>Rash</li><li>Abnormal blood count (ra</li></ul>   | <ul><li>Nausea</li><li>Clumsiness</li><li>Drowsiness</li><li>are)</li><li>Dizziness</li></ul> | Absence Seizures   |
| Depakene/<br>Depakote | Valproic Acid          | <ul> <li>Menstrual irregularities</li> <li>Abdominal cramps</li> <li>Appetite change</li> </ul>  | <ul><li>Hair loss</li><li>Nausea</li></ul>  | Absence Partial Primary or Secondarily Generalized Tonic-Clonic Seizures           |
| Diamox                | Acetazolamide          | <ul><li>Appetite loss</li><li>Frequent urination</li><li>Numbness of extremities</li></ul>   | <ul><li>Kidney stones</li><li>Confusion</li><li>Drowsiness</li></ul>                          |  |
| Diastat               | Diazepam<br>Rectal Gel | <ul><li>Drowsiness</li><li>Poor coordination</li><li>Behavior change</li></ul>   | <ul><li>Sleepiness</li><li>Fatigue</li><li>Unsteadiness</li></ul>                             | Rescue Emergency Med Tonic clonic seizures Partial Seizures                        |
| Dilantin              | Phenytoin              | <ul><li>Swollen gums</li><li>Sleeplessness</li><li>Nausea</li><li>Rash</li></ul>   | <ul><li>Mild dizziness</li><li>Constipation</li><li>Vomiting</li></ul>                        | Partial & Generalized Tonic-<br>Clonic Seizures                                    |
| Felbatol              | Felbamate              | <ul> <li>Fatigue</li> <li>Rare aplastic anemia, liver failure</li> </ul>   |   | Partial with Secondarily Generalized Tonic-Clonic Seizures Lennox-Gastaut Syndrome |
| Gabitril              | Tiagabine              | <ul> <li>Most side-effects are CNS-related:</li> <li>Drowsiness, dizziness, lack of energy         Can also include:</li> <li>Muscle weakness</li> <li>Abdominal pain</li> <li>Tremulousness</li> <li>Difficulty concentrating</li> <li>Nervousness</li> </ul> |   | Partial Seizures   |
| Keppra                | Levetiracetam          | Somnolence Infection   | <ul><li>Asthenia</li><li>Dizziness</li></ul>  | Partial Seizures   |
| Klonopin              | Clonazepam             | <ul><li>Drowsiness</li><li>Poor coordination</li><li>Behavior changes</li></ul>  | <ul><li>Sleepiness</li><li>Fatigue</li><li>Unsteadiness</li></ul>                             |  |
| Lamictal              | Lamotrigine            | Rash Headaches   | <ul><li>Dizziness</li><li>Nausea</li></ul>  | Partial & Secondarily Generalized Tonic-Clonic Seizures Absence Seizures           |

| Brand Name | Generic   | Potential* Adverse Reactions or Side<br>Effects (some are rare) |                              | <b>Commonly Used For</b>     |
|------------|-----------|---|------------------------------|------------------------------|
| Mysoline   | Primidone | <ul><li>Breathing difficulty</li></ul>                          | <ul><li>Confusion</li></ul>  | Partial & Generalized Tonic- |
|            |           | <ul><li>Change in vision</li></ul>                              | <ul><li>Clumsiness</li></ul> | Clonic Seizures              |

|             |               | <ul><li>Dizziness</li></ul>                                    | <ul><li>Drowsiness</li></ul>       | Febrile Seizures              |
|-------------|---------------|--|------------------------------------|-------------------------------|
| Neurontin   | Gabapentin    | <ul><li>Drowsiness</li></ul>                                   | <ul><li>Dizziness</li></ul>        | Partial & Secondarily         |
|             | _             | <ul><li>Unsteadiness</li></ul>                                 | <ul><li>Fatigue</li></ul>          | Generalized Tonic-Clonic      |
|             |               |  |                                    | Seizures                      |
|             | Phenobarbital | <ul><li>Dizziness</li></ul>                                    | <ul><li>Drowsiness</li></ul>       | Partial & Generalized Tonic-  |
|             |               | <ul><li>Depression</li></ul>                                   | ■ Rash                             | Clonic Seizures               |
|             |               | ■ Slurred Speech   |                                    | Febrile Seizures              |
| Sabril      | Vigabatrin    | <ul> <li>Decreased/Blurred and or Changes in Vision</li> </ul> |                                    | Infantile Spasms              |
|             |               | ■ Eye Pain   | <ul> <li>Abdominal Pain</li> </ul> | Refractory Simple and Partial |
|             |               | <ul><li>Dizziness</li></ul>                                    | <ul><li>Drowsiness</li></ul>       | Seizures                      |
|             |               | <ul> <li>Abnormal Coordination</li> </ul>                      | <ul><li>Confusion</li></ul>        |                               |
|             |               | <ul><li>Agitation</li></ul>                                    | <ul><li>Clumsiness</li></ul>       |                               |
|             |               | <ul><li>Anxiety</li></ul>                                      | <ul><li>Diarrhea</li></ul>         |                               |
| Tegretol    | Carbamazepine | ■ Blurred vision   | <ul><li>Confusion</li></ul>        | Partial & Generalized Tonic-  |
|             |               | <ul><li>Depression</li></ul>                                   | ■ Rash                             | Clonic Seizures               |
| Tegretol XR | Carbamazepine | <ul><li>Dizziness</li></ul>                                    | ■ Drowsiness                       | Partial Seizures              |
| _           | (Extended     | <ul> <li>Blurred or double vision</li> </ul>                   | ■ Nausea                           |                               |
|             | Release)      | <ul><li>Abnormal blood counts</li></ul>                        | (rare) ■ Skin rashes               |                               |
| Topamax     | Topiramate    | ■ Somnolence   | <ul><li>Dizziness</li></ul>        | Partial Seizures              |
|             |               | <ul><li>Speech disorders</li></ul>                             | <ul><li>Ataxia</li></ul>           | Tonic Clonic Seizures         |
|             |               | <ul><li>Psychomotor slowing</li></ul>                          | <ul><li>Parasthesia</li></ul>      |                               |
| Tranxene    | Clorazepate   | <ul><li>Clumsiness</li></ul>                                   | <ul><li>Drowsiness</li></ul>       | Absence                       |
| Trileptal   | Oxcarbazepine | ■ Cognitive symptoms   | <ul><li>Dizziness</li></ul>        | Partial Seizures.             |
|             |               | <ul><li>Difficulty concentrating</li></ul>                     | <ul><li>Fatigue</li></ul>          |                               |
|             |               | <ul><li>Coordination problems</li></ul>                        | <ul><li>Double vision</li></ul>    |                               |
|             |               | ■ Nausea   | <ul><li>Sleepiness</li></ul>       |                               |
| Valium      | Diazepam      | <ul><li>Drowsiness</li></ul>                                   | <ul><li>Sleepiness</li></ul>       |                               |
|             |               | <ul><li>Poor coordination</li></ul>                            | <ul><li>Fatigue</li></ul>          |                               |
|             |               | <ul><li>Behavior changes</li></ul>                             | <ul><li>Unsteadiness</li></ul>     |                               |
| Vimpat      | Lacosomide    | <ul><li>Drowsiness</li></ul>                                   |                                    | Partial Seizures              |
| Zarontin    | Exthosuximide | ■ Nausea   | ■ Vomiting                         | Absence                       |
|             |               | <ul><li>Stomach Cramps</li></ul>                               | ■ Appetite Loss                    |                               |
|             |               | ■ Fatigue  |                                    |                               |
| Zonegran    | Zonisamide    | <ul> <li>Loss of appetite</li> </ul>                           | <ul><li>Drowsiness</li></ul>       | Partial Seizures              |
| -           |               |  | <ul><li>Headache</li></ul>         | Tonic Clonic Seizures         |
|             |               | ■ Agitation/irritability                                       | ■ Nausea                           |                               |

## \* IMPORTANT NOTES:

- Side effects, some of which are quite rare, are individual to each person.
- This table is <u>not</u> a comprehensive or complete list of all of the possible side effects or the uses of medications to control seizures, but meant as a general overview.
- Those who care for or are responsible for individuals with seizures in their home, school, clinic, day-care facility, hospital, college or residential facility should obtain more specific information about the medication(s) used by those in your care.
- Readers are encouraged to obtain other published, scientific information about these medications and their uses.
- Some of these medications are also prescribed for other purposes and in other age groups not included on this list. That is a decision of the treating physician.
- This table is provided as a service and should <u>not</u> be used to make decisions about treatment.