

Lapcetam 750 Tablet

Levetiracetam 750 mg Tablet

Dosage Form: Oral Tablet

Strength: 750 mg

stabilize abnormal electrical activity in the brain, reducing the likelihood of seizures.

Indications

Levetiracetam is used for the treatment of the following conditions:

- 1. Epilepsy (Seizure Disorders):**
 - **Monotherapy:** For partial-onset seizures in adults and children aged 16 years and older.
 - **Adjunctive Therapy:**
 - For partial-onset seizures in children aged 4 years and older.
 - For generalized tonic-clonic seizures in adults and children aged 6 years and older with idiopathic generalized epilepsy.
 - For myoclonic seizures in adults and adolescents aged 12 years and older with juvenile myoclonic epilepsy.

Dosage and Administration

Adults and Adolescents (≥16 years):

- **Initial Dose:** 500 mg twice daily (can be started at 250 mg twice daily based on individual tolerance).
- **Maintenance Dose:** The dose can be increased in increments of 500 mg twice daily up to a maximum of 1500 mg twice daily depending on the response and tolerance.
- **Renal Impairment:** Dose adjustments may be necessary based on kidney function (especially for those with creatinine clearance < 80 mL/min).

Children (4–15 years):

- Dose is weight-based, so dosage will vary depending on the child's weight and clinical needs.

How to Take:

- Swallow the tablet whole with water.
 - It can be taken with or without food.
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Mechanism of Action

Levetiracetam works by binding to synaptic vesicle protein 2A (SV2A) in the brain, a protein that regulates neurotransmitter release. This action helps

Contraindications

- Hypersensitivity to levetiracetam or any excipient in the formulation.
- Caution in patients with a history of psychiatric conditions (e.g.,

depression, suicidal thoughts) or renal impairment.

- Headache
- Irritability, mood changes
- Nausea, decreased appetite

Warnings and Precautions

1. **Psychiatric Effects:**
 - Levetiracetam may cause mood swings, depression, irritability, or suicidal thoughts. Patients should be monitored closely, especially at the beginning of treatment or dose adjustments.
 2. **Cognitive and Motor Impairment:**
 - Levetiracetam may cause drowsiness, dizziness, or impaired coordination. Avoid activities requiring full alertness (e.g., driving, operating machinery) until the effect of the medication is understood.
 3. **Seizure Control:**
 - Do not abruptly stop taking levetiracetam as this can lead to worsening seizures. A gradual dose reduction under a healthcare provider's supervision is recommended.
 4. **Renal Impairment:**
 - Dose adjustments are necessary in patients with renal dysfunction. Regular monitoring of kidney function is advised.
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Serious Side Effects:

- **Psychiatric Symptoms:** Severe mood changes, aggression, depression, or suicidal ideation.
 - **Severe Allergic Reactions:** Rash, swelling, difficulty breathing (anaphylaxis or angioedema).
 - **Severe Fatigue or Muscle Weakness**
 - **Coordination Problems:** Difficulty with walking or maintaining balance.
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Drug Interactions

- **CNS Depressants (e.g., alcohol, benzodiazepines):** Increased risk of drowsiness, sedation, or CNS depression.
 - **Other Antiepileptic Drugs (AEDs):** Levetiracetam has minimal drug interactions with most AEDs, but careful monitoring is advised when used with other antiepileptics.
 - **Methadone or Opioids:** Enhanced CNS depressant effects; use cautiously.
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Use in Special Populations

- **Pregnancy: Category C.** Levetiracetam should only be used if the potential benefit justifies the potential risk to the fetus. Antiepileptic drugs should not be discontinued during pregnancy unless advised by a healthcare provider.

Side Effects

Common Side Effects:

- Drowsiness, fatigue
- Dizziness or lightheadedness

- **Lactation:** Levetiracetam is excreted in breast milk. Caution is advised when used by breastfeeding mothers.
 - **Elderly:** No specific dose adjustment is required, but renal function should be monitored.
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Storage

- **Store at room temperature (15–30°C or 59–86°F).**
 - **Keep away from direct sunlight, moisture, and heat.**
 - **Keep out of reach of children.**
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Missed Dose

- **If a dose is missed, take it as soon as possible. If it is almost time for the next dose, skip the missed dose. Do not take two doses at once.**
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Overdose Management

- **Symptoms of overdose may include extreme drowsiness, agitation, aggression, or respiratory depression.**
 - **Seek immediate medical attention.**
 - **Treatment: Overdose is typically managed with supportive care. Hemodialysis may help remove the drug from the bloodstream.**
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Note: Levetiracetam should be used under the supervision of a healthcare provider. Regular monitoring and follow-up appointments are essential to assess the

effectiveness of the medication and manage any potential side effects.

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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