

Lapcetam 250 Tablet

Levetiracetam 250 mg Tablet

Dosage Form: Oral Tablet
Strength: 250 mg

Indications

Levetiracetam is used for the management of:

1. Epilepsy:

- As monotherapy or adjunctive therapy for partial-onset seizures with or without secondary generalization in adults and children aged 4 years and older.
 - Adjunctive therapy for myoclonic seizures in adults and adolescents aged 12 years and older with juvenile myoclonic epilepsy.
 - Adjunctive therapy for primary generalized tonic-clonic seizures in adults and children aged 6 years and older with idiopathic generalized epilepsy.
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Mechanism of Action

Levetiracetam works by modulating synaptic neurotransmitter release through binding to the synaptic vesicle protein 2A (SV2A). This helps stabilize neuronal activity and prevents abnormal electrical signaling in the brain, reducing seizure occurrence.

Dosage and Administration

Adults and Adolescents (≥16 years):

- **Initial dose:** 500 mg twice daily (can start with 250 mg twice daily based on clinical response and tolerance).
- **Maintenance dose:** 500 mg to 1500 mg twice daily, adjusted based on response.

Children (6–15 years):

- **Dose is weight-based.** Consult a pediatric specialist.

Elderly and Patients with Renal Impairment:

- **Dose adjustments may be required based on renal function** (measured by creatinine clearance).

How to Take:

- **Swallow the tablet whole with water, with or without food.**
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Contraindications

- **Hypersensitivity to levetiracetam or any excipient in the formulation.**
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Warnings and Precautions

1. Psychiatric Effects:

- May cause mood changes, irritability, depression, or suicidal thoughts. Monitor closely, especially during treatment initiation.
 - 2. **Cognitive and Motor Impairment:**
 - May cause drowsiness or dizziness; avoid activities requiring alertness, such as driving, until you know how it affects you.
 - 3. **Seizure Control:**
 - Do not abruptly discontinue the medication, as it may increase seizure frequency or severity.
 - 4. **Renal Impairment:**
 - Adjust dose in patients with kidney dysfunction.
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- **Antiepileptic Drugs (AEDs):** Generally, levetiracetam does not interact significantly with other AEDs but consult a healthcare provider for specific combinations.
 - **Alcohol:** Avoid as it may enhance CNS side effects.
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Use in Special Populations

- **Pregnancy:** Category C. Use only if the potential benefit outweighs the risks.
 - **Lactation:** Levetiracetam is excreted in breast milk; use with caution.
 - **Pediatric Use:** Dosage adjustments required based on weight and clinical condition.
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Side Effects

Common Side Effects:

- Drowsiness, dizziness
- Headache
- Fatigue
- Irritability or mood swings
- Nausea or vomiting

Serious Side Effects:

- Severe mood changes or suicidal ideation
 - Hypersensitivity reactions (rash, swelling, difficulty breathing)
 - Severe fatigue or muscle weakness
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Drug Interactions

- **CNS Depressants:** May increase drowsiness or sedation.

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

- Take the missed dose as soon as you remember. If it is near the next scheduled dose, skip the missed dose and continue as usual. Do not double the dose.
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Overdose Management

- **Symptoms:** Somnolence, agitation, aggression, respiratory depression, or coma.
 - **Management:** Symptomatic and supportive care. Hemodialysis may be effective in removing levetiracetam from the blood.
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Note: Use this medication strictly under the guidance of a healthcare provider. Regular follow-ups are essential to monitor seizure control and side effects.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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