

Xurocitam 200 Injection

Piracetam (200 mg/ml) Injection

Description:

Piracetam is a nootropic agent that enhances cognitive function by improving neuronal communication and neuroprotection. It belongs to the racetam group of drugs and is primarily used in conditions involving cognitive impairment and neurological disorders.

Composition:

Each ml of injection contains:

- **Piracetam:** 200 mg

Available as 5 ml ampoules (1000 mg per ampoule).

Mechanism of Action:

Piracetam acts by:

1. Modulating neurotransmitter release and receptor sensitivity, enhancing neuronal plasticity.
 2. Improving microcirculation in the brain without causing vasodilation.
 3. Stabilizing neuronal membranes and protecting against hypoxic and ischemic damage.
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Indications:

Piracetam injection is indicated for:

- Cognitive impairment in neurodegenerative diseases.

- Post-stroke rehabilitation (to improve memory and motor functions).
 - Cortical myoclonus (alone or in combination therapy).
 - Traumatic brain injury (to enhance recovery).
 - Vertigo and other cerebrovascular disorders.
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Dosage and Administration:

- **Adults:**
 - Typical dose: 30–160 mg/kg/day divided into 2–4 doses.
 - For severe conditions: Intravenous doses may start at 12 g/day, reduced gradually as symptoms improve.
 - **Route of Administration:**
 - Administer intravenously (slow IV injection or infusion) as directed by a healthcare professional.
 - **Pediatrics:**
 - Dose adjustments based on age, weight, and clinical condition.
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Contraindications:

- Hypersensitivity to Piracetam or other components of the formulation.
 - Severe renal impairment (Creatinine clearance <20 ml/min).
 - Huntington's disease.
 - Active cerebral hemorrhage.
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Warnings and Precautions:

- Use with caution in patients with renal impairment; dose adjustment is required.
- Avoid abrupt discontinuation in cortical myoclonus patients to prevent symptom exacerbation.
- Monitor for signs of hypersensitivity reactions.

- Limited data on use during pregnancy and lactation; use only if clearly needed.
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Side Effects:

- Common: Nervousness, agitation, weight gain, and fatigue.
 - Rare: Sleep disturbances, nausea, vomiting, and dizziness.
 - Serious: Allergic reactions or bleeding disorders (in predisposed individuals).
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Storage:

- Store below 25°C, protected from light.
 - Do not freeze.
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Note:

This medication should only be used under the supervision of a healthcare professional. Adjust dose and administration based on individual patient response and condition.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

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