

# Oxcelzine 450 Tablet

**Composition:**

Each film-coated tablet contains:

**Oxcarbazepine I.P.** ..... 450 mg

Excipients ..... q.s.

**Description:**

Oxcelzine 450 Tablet contains Oxcarbazepine, an antiepileptic drug structurally related to carbamazepine but with improved safety and tolerability. It is a second-generation anticonvulsant that helps stabilize neuronal membranes and inhibit repetitive neuronal firing. It is primarily indicated for the treatment of partial seizures with or without secondary generalization and can be used as monotherapy or adjunctive therapy in epilepsy management.

**Indications:**

Partial-onset seizures in adults and children  
Generalized tonic-clonic seizures (as adjunct)  
Bipolar disorder (off-label)  
Trigeminal neuralgia (off-label)

**Mechanism of Action:**

Oxcarbazepine is a prodrug that is rapidly converted to its active metabolite, the monohydroxy derivative (MHD), which blocks voltage-sensitive sodium channels. This inhibition stabilizes hyperexcited neuronal membranes and suppresses synaptic transmission, thereby preventing seizure propagation.

**Dosage and Administration:**

Adults: Typically initiated at 300 mg twice daily and titrated based on clinical response; maximum dose up to 2400 mg/day  
Pediatric dosing based on body weight and clinical condition  
Swallow whole with water. Dose adjustment required in renal impairment.

**Side Effects:**

Dizziness, drowsiness, fatigue  
Nausea, vomiting, abdominal pain  
Hyponatremia (dose-dependent)  
Rash, pruritus, or serious hypersensitivity reactions (rare)  
Ataxia, diplopia, tremor

**Precautions:**

Monitor serum sodium levels, especially in elderly or those on diuretics  
Use cautiously in patients with a history of hypersensitivity to carbamazepine  
Discontinue if signs of severe dermatologic reactions appear  
Avoid abrupt discontinuation to prevent seizure rebound  
Not recommended during pregnancy unless clearly needed

**Storage:**

Store in a cool, dry place below 25°C

Protect from light and moisture

Keep out of reach of children

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

Plot no.: 367-FF, Industrial Area Phase-I,

Panchkula-134113

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