

**Composition: Epimet 25** : Each tablet contains Topiramate USP 25mg.

**Epimet 50** : Each tablet contains Topiramate USP 50mg.

**Pharmacology** : The anticonvulsant effect of topiramate is based on three mechanisms : (a) modulating the blocking of the Na channels activated by voltage, depending on status, (b) potentiation of GABAA-mediated inhibiting neurotransmission, and (c) inhibition of excitatory neurotransmission by blocking APMA glutamate receptors.

**Indication** : It is indicated to treat certain types of seizures (partial onset seizure and primary generalized tonic-clonic seizures) and the preventive treatment of migraine in patients 12 years of age and older.

**Dosage & Administration** : The recommended dose for Topiramate monotherapy in adults and pediatric 10 years of age and older is 400mg/day in two divided doses, the initial dose of topiramate is 25mg/day for the first week, the dosage can be increased by 25-50mg/day. For the preventive treatment of migraine patients in 12 years of age and older. The recommended dose is 100mg/day administered in two divided doses. The dose should not exceed the maximum maintenance dose or, as directed by a registered physician.

**Contraindication** : There is no data available.

**Precaution** : In patients with or without a history of seizures or epilepsy, antiepileptic drugs should be gradually withdrawn to minimize the potential for seizure frequency. Topiramate can produce central nervous system related adverse events and may be more sedative than other antiepileptic drugs. Drows-

## Epimet Tablet

ness, visual disturbances/blurred vision have been reported. Patients should be warned of these and advised that if affected they should not drive or discontinued the medicines.

**Side effects** : The most common side effects of Topiramate include nausea, diarrhea, nervousness, tiredness, suicidal behavior and ideation, serious skin reactions & kidney stones.

**Use in Pregnancy and Lactation** : Topiramate should not be given during pregnancy and lactation.

**Use in Child** : There is no data available.

**Drug-Interactions** : Concomitant use of phenytoin or carbamazepine with Topiramate resulted in clinically significant decrease in plasma concentrations of Topiramate when compared to given alone. Concomitant use valproic acid and Topiramate has been associated with hypothermia and hyperammonemia with and without encephalopathy. Concomitant use of Topiramate, carbonic anhydrous inhibitor may increase the severity of metabolic acidosis and kidney stones.

**Overdose** : Overdosed signs and symptoms included convulsions, drowsiness, speech disturbance, blurred vision, hypotension.

**Storage** : Store below 30°C in a dry place.

**Packing** : **Epimet 25** : Each box contains 50 tablets in blister pack.

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