

# Gabastar<sup>®</sup>

## Gabapentin USP

### COMPOSITION

**Gabastar<sup>®</sup>** 100 mg: Each tablet contains Gabapentin USP 100 mg.

**Gabastar<sup>®</sup>** 300 mg: Each tablet contains Gabapentin USP 300 mg.

### PHARMACOLOGY

**Gabastar<sup>®</sup>** (Gabapentin) is an anti-convulsant. It is a structural analog of gamma-amino-butyric-acid (GABA). All pharmacological actions following administration of Gabapentin are due to the activity of parent compound. Gabapentin binds with the alpha-2-delta subunit of voltage gated L-type Calcium channel, and inhibits branched chain amino acid transferase & probably inhibits neurotransmitter release of excitatory amino acid.

### INDICATION

**Gabastar<sup>®</sup>** (Gabapentin) is indicated for

- Neuropathic Pain
- Adjunctive therapy in partial seizure and secondary generalized seizure

### DOSAGE & ADMINISTRATION

**Neuropathic Pain:** The treatment may be initiated as a single 300 mg dose on Day-1, than 300 mg twice on Day-2 and 300 mg thrice on Day-3. The dose can be subsequently be titrated up as needed for pain relief to a daily dose of 1800 mg (divided TID).

**Epilepsy:** Patients over 12 years of age - the effective dose of **Gabastar<sup>®</sup>** is 900 to 1800 mg/day given in three divided doses. The starting dose is 300 mg three times a day.

Paediatric patients age 3-12 years- the starting dose should range from 10-15 mg/kg/day in 3 divided doses, and the effective dose reached by upward titration over a period of approximately three days.

In case of renal impaired patients Gabapentin doses must be reduced.

Gabapentin can be taken orally with or without food.

### CONTRAINDICATION

Gabapentin is contraindicated in patients who have known hypersensitivity to the drug.

### PRECAUTION

Patients should not drive a car or operate complex machinery until they have gained sufficient experiences about Gabapentin whether or not it affects their mental and/ or motor performance adversely.

### SIDE EFFECTS

Fatigue, Dizziness, ataxia, weight gain, peripheral edema, dry mouth and somnolence may occur.

### DRUG INTERACTIONS

Antacids may reduce the bioavailability of Gabapentin by up to 20 %. Cimetidine may alter its renal excretion. Gabapentin does not interact with other anti-epileptic drug or with oral contraceptive preparations.

### USE IN PREGNANCY AND LACTATION

Pregnancy category C. it should be used during pregnancy only if potential benefits justifies the potential risk to the fetus.

Gabapentin may be secreted through the breast milk. So it should be used during lactation only if potential benefits justifies the potential risk to the baby.

### STORAGE

Store below 25<sup>o</sup>c temperature. Protect from light and moisture. Keep all the medicines out of the reach of the children.

### HOW SUPPLIED

**Gabastar<sup>®</sup>** 100 mg tablet: Each box contains 30 tablets in blister packs.

**Gabastar<sup>®</sup>** 300 mg tablet: Each box contains 30 tablets in blister packs.

Manufactured by :



**SQUARE**  
PHARMACEUTICALS LTD.  
BANGLADESH

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