Clozep
Clonazepam

Description
Clonazepam enhance the activity of gamma-aminobutyric acid (GABA), the major inhibitory neurotransmitter in the central nervous system. It is rapidly and completely absorbed after oral administration. The absolute bioavailability of clonazepam is 90%. Maximum plasma concentration are reached within 1 to 4 hours after oral administration. It is approximately 85% bound to plasma proteins. It is distributed extensively throughout the body. It is mainly metabolized in liver.

Composition
Clozep 0.5 Tablet: Each tablet contains Clonazepam USP 0.5 mg.
Clozep 2 Tablet: Each tablet contains Clonazepam USP 2 mg.

Indication
Clozep is indicated for the treatment of following diseases.
Epilepsy; specially myoclonic and absence seizures
Panic disorder
Convulsion
Anxiety disorders

Dosage and administration
Infants and children:
Up to 1 year: 0.25 mg daily in divided dose, increase gradually to 0.5 - 1 mg.
1 - 5 years: 0.25 mg daily in divided dose, increase to 1 - 3 mg.
5 - 12 years: 0.5 mg daily in divided dose, increase to 3 - 6 mg
Adult and elderly:
Initial dose: 1 mg daily in divided dose (Elderly 0.5 mg), not exceed 1.5 mg/ kg.
Increment dose: 0.5 - 1 mg at intervals of 3 days.
Maintenance dose: 4 - 8 mg/ day.
Maximum dose: 20 mg/ day with caution.

Side effect
The most frequently occurring side effects of clonazepam are CNS depression. Experience in treatment of seizures has shown that drowsiness has occurred approximately 50% of patients and ataxia in approximately 30%. In some cases, these may diminish with time & behavior problem have been noted in approximately 25% of patients. Abnormal eye movement, aphonia, coma, tremor, vertigo, confusion, depression, amnesia, hallucinations, hysteria, increased libido, insomnia, psychosis and palpitations may occur.

Contraindication
Clonazepam should not be used in patients with a history of sensitivity to benzodiazepine, nor in patients with clinical or biochemical evidence of significant liver disease.

Drug interaction
Clonazepam does not appear to alter the pharmacokinetics of phenytoin, carbamazepine or Phenobarbital. The effect of clonazepam on the metabolism of other drugs has not been investigated.

Precaution
When used in patients in whom several different types of seizure disorders coexist, clonazepam may increase the incidence or precipitate the onset of generalized tonic clonic seizures.

Use in pregnancy and lactation
Pregnancy category - D. The use of clonazepam during pregnancy and lactation should be avoided. Clonazepam is excreated into the breast milk and should therefore be avoided in breast - feeding mothers.

Storage
Store in a cool and dry place, Protect from light and moisture. Keep out of reach of children.

How to supplied
Clozep 0.5 Tablet: Each box contains 5 x 10 tablets in Alu- PVDC blister pack.
Clozep 2 Tablet: Each box contains 3 x 10 tablets in Alu- PVDC blister pack.

Manufactured by:
Astra
Biopharmaceuticals Ltd.
Gouripur, Ashulia, Dhaka, Bangladesh