

Size 100 x 200 mm

LAZAIN 25

Chlorpromazine Injection BP

25 mg / ml

For IM use

COMPOSITION:

Each ml contains:
Chlorpromazine Hydrochloride BP 25mg.
Water for Injection BP..... q. s.

CATEGORY: Dopamine receptor antagonist; neuroleptic.

MOA: It is postulated that they cause their effects by blocking dopamine receptors in CNS. Depending on to the drug used. Other pharmacological actions seen in varying degrees include cholinergic, adrenergic, histaminergic and serotonergic blocking activity. The exact mechanism of their action is unknown. When administered to normal person these drugs cause emotional quietening, indifference to surroundings and sedation. When given in psychotics they decrease agitation, aggressiveness and tend to bring behaviour towards normality. Their administration may cause movement disorders.

PHARMACOKINETICS: It has long plasma half life, is highly protein bound, it undergoes extensive metabolism in liver to several metabolites and there is enterohepatic circulation. On Set of Action:- Inj: 15-20 minutes.
Duration of Action:- 8-12 hours, some effect may last for 3 weeks.

INDICATIONS AND USAGE: Sedation, pre-medication, Induced hypothermia, emesis, schizophrenia, affective disorders, intractable hiccup.

DOSAGE AND ADMINISTRATION:

Adults : Deep I.M. injection (relief of acute symptoms) : 25-50 mg 6-8 hourly.
Children : Deep I.M. Inj: Upto 5 : 0.5 mg/kg every 6-8 hours (max. 40 mg daily); 6-12 years : 0.5 mg/kg every 6-8 hours. (max. 75 mg daily).

CONTRAINDICATIONS:

Liver dysfunction and bone marrow depression, circulatory collapse, CNS depression, coma.

ADVERSE EFFECT: Cholestatic jaundice, drowsiness, lethargy, dry mouth, weight gain, hypotension (on parenteral administration), respiratory depression, leucopenia, tardive dyskinesia, akathisia, acute dystonia, skin rash, urticaria, dermatitis and rarely dense opacities. Interference with male sexual function, cardiac arrhythmia, impaired temperature regulation.

SPECIAL PRECAUTIONS: In patients with history of epilepsy, (chlorpromazine lowers seizure threshold), parkinsonism, history of hypersensitivity to chlorpromazine, cardiovascular disease. Chlorpromazine is not to be given I.V. as it can be fatal due to sudden fall in blood pressure, but may be given by I.V. infusion. Prolonged use, myasthenia gravis

INTERACTIONS:

Alcohol: CNS depression, extrapyramidal reactions.
Aluminium salts: Decrease efficacy. Antacids should be given 1 hour before or 2 hours after chlorpromazine administration.
Anticholinergics: Decrease efficacy and increase the anticholinergic side effects of chlorpromazine.
Barbiturates: Decreases efficacy.
Barbiturate anaesthetics: Increase frequency and severity of neuromuscular excitation and hypotension.
Bromocriptine: Efficacy decreased by chlorpromazine.
Charcoal: Prevents absorption of chlorpromazine.
Epinephrine, Norepinephrine: Pressor effect decreased, peripheral vasoconstrictive effect antagonised.
Lithium: Disorientation, unconsciousness and extrapyramidal symptoms.
Meperidine: Excessive sedation and hypotension.
TCAs: Serum concentration increased by chlorpromazine.
Valproic acid: Efficacy potentiated.
Propranolol: Increased plasma levels of both drugs.
MAOIs: Additive orthostatic hypotensive effect.
Lab. Tests: Pregnancy tests: False positive results.
Plasma bound iodine (PBI): Increase in PBI occurs.

STORAGE: Store below 25°C. Protect from light. **DO NOT FREEZE.**

Keep out of reach of children.

PRESENTATION: 10 ampoules of 2ml in a plastic tray and each tray packed in a printed carton.

Manufactured by:
KWALITY PHARMACEUTICALS LTD.
Nag Kalan, Majitha Road, Amritsar - INDIA

Marketed by:
Lative Life Science Pvt. Ltd.
Address: Ahmedabad, Gujarat, India.