

# Haloperidol Injection BP

## 5mg/ml

For I.M. use

(Exceptionally I.V.)

### Composition:

Each ml contains:

Haloperidol BP ..... 5 mg

Water for Injections BP ..... q.s.

Lactic acid for pH adjustment

### Category:

Dopamine receptor antagonist, neuroleptic.

### Pharmacokinetics:

Haloperidol is well absorbed from intramuscular sites. Variable bioavailability is likely due to the extent of first-pass hepatic metabolism. Metabolism occurs via oxidative dealkylation. The elimination half-life is approximately 20 hours. Haloperidol binds extensively to plasma proteins, distributes widely throughout the body, and crosses the blood-brain barrier. Haloperidol metabolites appear to be inactive, and excretion occurs via urine and feces.

### Indications and Use:

Acute and chronic schizophrenia. Anxiety disorders. Acute mania, hypomania, and behavioral disorders in children. Neuroleptanalgesia; antiemetic; Huntington's disease; Gilles de la Tourette syndrome; psychotic disorders.

### Dosage and Administration:

Adults: I.M. injection: 2–10 mg every 4–8 hours, up to a maximum total of 60 mg. Children: Severe behavioral problems. Initially 25–50 mcg/kg in divided doses. Maximum dose 10 mg; adolescents up to 30 mg per day.

### Contraindications:

Stupor, coma, and Parkinson's disease. Children under 3 years of age.

### Adverse Effects:

Dystonia, hallucinations, restlessness, nausea, epigastric discomfort, anemia, blurred vision, hypersensitivity reaction, blood dyscrasia, jaundice. Galactorrhea, gynecomastia, and amenorrhea. SPECIAL PRECAUTIONS: Thyrotoxicosis, epilepsy, severe cardiovascular disorders.

### INTERACTIONS:

Alcohol: CNS depression, extrapyramidal reactions. Aluminum salts: Decreased efficacy. Antacids should be administered 1 hour before or 2 hours after haloperidol.

### Anticholinergics:

Decrease efficacy and increase haloperidol's anticholinergic side effects.  
Barbiturates: Decreased efficacy.  
Anesthetics: Increase the frequency and severity of neuromuscular excitation and hypotension.  
Bromocriptine: Efficacy reduced by haloperidol.  
Charcoal: Inhibits haloperidol absorption.  
Epinephrine, Norepinephrine: Pressor effect reduced; peripheral vasoconstriction antagonized.  
Lithium: Disorientation, unconsciousness, and extrapyramidal symptoms.

### Meperidine:

Excessive sedation and hypotension.  
TCAs: Serum concentration increased by haloperidol.

### Valproic acid: Potentiated efficacy.

Propranolol: Increased plasma levels of both drugs.

MAOIs: Additive orthostatic hypotensive effect.

Laboratory Tests: Pregnancy tests: False-positive results.

Protein-bound iodine (PBI): Increase in PBI occurs.

### STORAGE:

Store in a dark, dry place protected from light. Keep out of reach of children.

### PRESENTATION:

10 ampoules of 1 mL; 5 ampoules of 1 mL in a plastic tray, with each tray packaged in a printed box.

Manufactured in India:



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