

# Fenazine<sup>®</sup> Injection

Fluphenazine Decanoate BP

## Presentation

Fenazine<sup>®</sup> IM/SC injection: Each 1 ml ampoule contains sterile 25 mg of Fluphenazine Decanoate.

## Description

Fluphenazine Decanoate is a phenothiazine derivative. It is a highly potent antipsychotic agent with a markedly extended duration of action, available for intramuscular or subcutaneous administration. The esterification of Fluphenazine with decanoic acid markedly prolongs the drug's duration of effect without reducing its activity. Fluphenazine blocks postsynaptic dopamine D<sub>1</sub> and D<sub>2</sub> receptors in the mesolimbic system and decreases the release of hypothalamic and hypophyseal hormones. It produces calmness and reduces aggressiveness with disappearance of hallucinations and delusions.

## Indications and Uses

In the long-term management of psychotic disorders including:

- Schizophrenia
- Mania and
- Organic brain syndrome

## Dosage and administration

Fluphenazine Decanoate by deep intramuscular injection into the gluteal muscle, test dose 12.5 mg (6.25 mg in elderly), then after 4-7 days 12.5-100 mg repeated at intervals of 14-35 days, adjusted according to response; it is not recommended for children.

## Side effects

The side effects include tardive dyskinesia, sedation, mental confusion; hypotension; hyperprolactinaemia leading to galactorrhoea and amenorrhoea in women; loss of libido, impotence and sterility in males. Also include allergic reactions, cholestatic jaundice, corneal and lens deposits, skin pigmentation. Other potential adverse reactions are agranulocytosis; neuroleptic syndrome.

## Precaution

Special precaution should be practiced in presence of convulsive disorders; hepatic, renal, cerebrovascular, respiratory and cardiovascular diseases. Also precaution should be observed in case of pheochromocytoma; bone marrow suppression; elderly or debilitated patients.

## Use in pregnancy and lactation

The safety for the use of Fluphenazine decanoate during pregnancy has not yet been established; therefore the possible hazards should be weighed against the potential benefits when administering this drug to pregnant patients.

## Contraindications

Fluphenazine Decanoate oily Injection is contraindicated in patients with hypersensitivity to the drug. Also contraindicated in comatose or severely depressed states, blood dyscrasias, liver disease, pregnancy (3rd trimester), lactation.

## Drug interactions

Fluphenazine reverses antihypertensive effects of Guanethidine, Methyldopa and Clonidine. It also causes lithium toxicity by interacting with it. Antacids may reduce bioavailability of phenothiazines. Additive CNS depressant effects produced with alcohol, barbiturates, hypnotics, sedatives, opiates and antihistamines.

## Storage

It should be kept out of the reach and sight of children. It also should be protected from light and stored below 25° C. It should not be refrigerated or frozen.

## Commercial pack

Fenazine<sup>®</sup> IM/SC injection: Each box contains 5 ampoules of 1 ml.

Manufactured by



**Incepta Pharmaceuticals Ltd**

Dhaka, Bangladesh

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PTG : D3 FNI