

Information For the Use of
Dexamethasone (4mg) Injection

Dexagrey 4 Injection

Brand Name: Dexagrey 4 Injection

Dosage Form: Injection

Composition:

Each ml contains:

- Dexamethasone Sodium Phosphate IP equivalent to Dexamethasone 4 mg
 - Water for Injection IP q.s.
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Description:

Dexagrey 4 Injection contains Dexamethasone, a potent glucocorticoid corticosteroid with anti-inflammatory and immunosuppressive activity. It is indicated for the management of severe inflammatory, allergic, and autoimmune conditions requiring rapid therapeutic intervention. It helps in reducing inflammatory reactions, suppressing immune responses, and relieving associated symptoms effectively.

Indications:

Indicated for the treatment of:

- Acute allergic reactions
- Inflammatory and autoimmune disorders
- Cerebral edema
- Respiratory inflammatory conditions
- Endocrine disorders requiring corticosteroid therapy

It helps in controlling inflammation, reducing swelling, and managing immune-mediated conditions.

Dosage & Administration:

Dosage should be as directed by the physician.

Administer by intravenous or intramuscular injection under medical supervision.

The dosage regimen should be individualized according to the severity of the condition and patient response.

Tapering may be required during prolonged treatment.

Pharmacological Action:

- Dexamethasone acts by binding to glucocorticoid receptors and regulating inflammatory gene expression.
- It inhibits the release of inflammatory mediators and suppresses leukocyte migration.
- It reduces edema and immune activity associated with inflammatory conditions.

These mechanisms help in rapid symptomatic relief and control of inflammation.

Side Effects:

Common side effects include gastric irritation, hyperglycemia, fluid retention, insomnia, and mood changes.

Prolonged therapy may increase the risk of adrenal suppression, osteoporosis, and infections.

Injection site discomfort may occur occasionally.

Precautions & Warnings:

- Use with caution in patients with diabetes, hypertension, renal impairment, or peptic ulcer disease

- Monitor for signs of infection during prolonged therapy
 - Avoid abrupt discontinuation after extended use
 - Use cautiously in immunocompromised patients
 - Pregnancy and lactation use should be based on physician evaluation
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Drug Interactions:

May interact with antidiabetic agents, anticoagulants, NSAIDs, and vaccines.

Concomitant use with enzyme-inducing drugs may reduce corticosteroid efficacy.

Storage:

Store below 25°C in a cool, dry place.

Protect from light.

Do not freeze.

Keep out of reach of children.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I, Panchkula-134113

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