

Cortslide Injection

Hydrocortisone 100mg Injection

Description

Hydrocortisone 100mg Injection is a corticosteroid used to treat a variety of inflammatory and allergic conditions. It is a synthetic form of cortisol, a natural hormone produced by the adrenal glands. Hydrocortisone works by suppressing inflammation and modulating the immune system, which makes it effective in managing conditions such as severe allergies, autoimmune disorders, and acute inflammation.

Composition

- **Active Ingredient:**
 - Hydrocortisone (100mg)
 - **Excipients:**
 - The injection may contain excipients such as sodium chloride, water for injection, and other stabilizing agents.
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Indications

Hydrocortisone 100mg Injection is used to treat a variety of conditions, including:

- **Allergic Reactions:**
 - Severe allergic reactions, including anaphylaxis, or as a supportive therapy in conditions like asthma, rhinitis, and dermatitis.
- **Autoimmune Disorders:**
 - Such as rheumatoid arthritis, lupus, and multiple sclerosis to control inflammation and suppress the immune system's overactive response.

- **Inflammatory Conditions:**
 - Including inflammatory bowel diseases like Crohn's disease and ulcerative colitis, and conditions involving inflammation in the skin, joints, or lungs.
 - **Adrenal Insufficiency:**
 - For patients with Addison's disease or other conditions that cause adrenal insufficiency.
 - **Acute Conditions:**
 - Hydrocortisone is also used in emergencies to manage conditions like shock, sepsis, or acute adrenal crisis.
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Dosage and Administration

Hydrocortisone 100mg Injection is administered via injection, typically in a hospital or clinical setting under the supervision of a healthcare provider. The dosage depends on the severity of the condition and the patient's response to treatment.

- **For Allergic Reactions or Inflammatory Conditions:**
 - The usual initial dose may range from 100mg to 500mg, administered intravenously (IV) or intramuscularly (IM). Subsequent doses may be adjusted based on the patient's condition and response.
- **For Adrenal Insufficiency or Other Chronic Conditions:**
 - The typical dose is lower, and it may be given intermittently depending on the condition being treated.
- **Acute Conditions:**
 - In emergencies, hydrocortisone may be administered rapidly, with dosages tailored to the acute response required.

Administration Method:

- **Hydrocortisone 100mg Injection** is usually given by a healthcare professional either:
 - Intravenously (IV) – Slowly infused into a vein.
 - Intramuscularly (IM) – Injected into a muscle.
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Contraindications

Hydrocortisone 100mg Injection should not be used in:

- **Systemic Fungal Infections:**
 - It is contraindicated in patients with systemic fungal infections or certain viral infections unless prescribed for specific cases.
 - **Hypersensitivity:**
 - Known hypersensitivity (allergy) to hydrocortisone or any of its components.
 - **Untreated Bacterial Infections:**
 - It should not be used for infections that have not been treated with antibiotics or antifungals, as corticosteroids can mask symptoms of infection.
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Warnings and Precautions

1. **Infections:**
 - Hydrocortisone can suppress the immune system and may increase the risk of infections. It is important to monitor for signs of infection while using hydrocortisone, particularly in long-term use.
2. **Endocrine Issues:**
 - Prolonged use of hydrocortisone can suppress adrenal gland function. Patients on long-term therapy should be monitored for signs of adrenal insufficiency.

3. Gastrointestinal Conditions:

- It should be used with caution in patients with active peptic ulcers, as it may increase the risk of gastrointestinal bleeding or perforation.

4. Diabetes:

- Corticosteroids can increase blood sugar levels, so diabetic patients should monitor their blood glucose levels carefully.

5. Pregnancy and Lactation:

- Use during pregnancy should be avoided unless absolutely necessary. Hydrocortisone can cross the placenta and affect fetal development. Caution should also be exercised during breastfeeding, as hydrocortisone is excreted in breast milk.
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Side Effects

Common side effects of Hydrocortisone 100mg Injection include:

- **Short-Term Use:**
 - Fluid retention, weight gain, high blood pressure, and increased appetite.
 - Mood changes such as irritability or anxiety.
 - Injection site reactions, including pain, redness, or swelling.
 - Increased blood sugar levels, especially in diabetic patients.
 - **Long-Term Use or High Doses:**
 - Osteoporosis (bone thinning).
 - Increased risk of infections.
 - Cataracts or glaucoma with prolonged use.
 - Gastrointestinal issues such as ulcers or bleeding.
 - Cushing's syndrome (rounding of the face, thinning of the skin, and increased body fat).
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Drug Interactions

Hydrocortisone can interact with other medications, including:

- **Antibiotics:**
 - Hydrocortisone can interact with certain antibiotics, especially those used to treat infections.
- **Antidiabetic Medications:**
 - Corticosteroids may reduce the effectiveness of antidiabetic drugs, leading to increased blood sugar levels.
- **Diuretics:**
 - Diuretics may increase the risk of hypokalemia (low potassium levels), especially when used with hydrocortisone.
- **Other Corticosteroids or NSAIDs:**
 - Using hydrocortisone with other corticosteroids or non-steroidal anti-inflammatory drugs (NSAIDs) may increase the risk of gastrointestinal side effects, such as ulcers or bleeding.

Note:

Hydrocortisone 100mg Injection is a potent corticosteroid and should only be used under the supervision of a healthcare provider. It is important to follow the prescribed dosage and schedule to minimize the risks associated with corticosteroid therapy. Always consult your doctor or healthcare provider for further information about the appropriate use of this medication.

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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Storage Instructions

- Store in a cool, dry place away from direct light.
- Keep the vial tightly sealed and protect it from freezing.
- Ensure that the product is kept out of reach of children.
- Do not use if the solution is discolored or contains particles.

Presentation

- **Pack Size:** Available in 1 vial containing 100mg of Hydrocortisone per vial, for single use.
 - **Form:** Injection solution.
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