

Dotahub Injection

Drotaverine (40 mg) Injection

Adults:

Generic Name:

Drotaverine Hydrochloride

Strength:

40 mg/ml

Dosage Form:

Injectable solution

Route of Administration:

Intramuscular (IM) or Intravenous (IV)

Indications:

Drotaverine is indicated for the treatment of smooth muscle spasms associated with:

- Renal colic
- Biliary colic
- Gastrointestinal spasms (e.g., irritable bowel syndrome, enteritis)
- Dysmenorrhea
- Postoperative smooth muscle spasms

Pharmacological Information

Mechanism of Action:

Drotaverine is a selective inhibitor of phosphodiesterase-IV (PDE-IV), an enzyme that degrades cyclic adenosine monophosphate (cAMP). By increasing cAMP levels, it relaxes smooth muscles, reduces spasm, and relieves pain.

Dosage and Administration

- **Intramuscular (IM):** 40–80 mg (1–2 ml) administered 1–3 times per day based on clinical condition.
- **Intravenous (IV):** 40–80 mg slowly, preferably diluted, to be given in acute conditions such as renal or biliary colic.

Pediatric Use:

- Not routinely recommended due to limited safety and efficacy data.

Preparation:

For IV administration, ensure a slow injection over 30–60 seconds to minimize the risk of side effects.

Contraindications

- Hypersensitivity to Drotaverine or any excipients in the formulation
- Severe hepatic, renal, or cardiac impairment
- Hypotension or shock

Warnings and Precautions

- **Cardiovascular Monitoring:** Use cautiously in patients with low blood pressure as Drotaverine can cause hypotension.
- **Pregnancy and Lactation:** Avoid use unless deemed absolutely necessary by a healthcare provider.
- **Allergic Reactions:** Discontinue immediately if signs of hypersensitivity occur.

Adverse Effects

- **Common:**
 - Dizziness

- Nausea
 - Headache
 - Injection site pain or redness
 - **Rare but Serious:**
 - Severe hypotension
 - Tachycardia
 - Allergic reactions (e.g., rash, swelling, difficulty breathing)
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Storage and Handling

- Store at room temperature (below 25°C or 77°F).
 - Protect from light and moisture.
 - Keep out of reach of children.
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Note: This injection should only be administered under medical supervision. Follow the prescribed dosage and instructions strictly. Always consult a healthcare professional before use.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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