

Information For the Use of
Dopamine (200mg) Injection

Dopaclub Injection

Brand Name: Dopaclub Injection

Dosage Form: Injection

Composition:

Each vial contains:

- Dopamine Hydrochloride IP equivalent to Dopamine 200 mg
- Water for Injection IP q.s.

Description:

Dopaclub Injection contains Dopamine, a catecholamine and inotropic agent used in critical care settings. It is indicated for the management of hemodynamic imbalances such as shock and severe hypotension. It helps in improving cardiac output, maintaining blood pressure, and enhancing renal perfusion depending on the dose administered.

Indications:

Indicated for the management of:

- Shock (cardiogenic, septic, or hypovolemic after adequate fluid replacement)
- Severe hypotension
- Acute heart failure with reduced cardiac output

It helps in stabilizing hemodynamics and improving tissue perfusion.

Dosage & Administration:

Dosage should be individualized and administered under strict medical supervision.

Administer by intravenous infusion using an infusion pump.

Dilute appropriately before administration.

Continuous monitoring of blood pressure, heart rate, urine output, and cardiac function is essential.

Pharmacological Action:

- Dopamine acts on dopaminergic, beta-adrenergic, and alpha-adrenergic receptors in a dose-dependent manner.
- At low doses, it improves renal blood flow and urine output.
- At moderate doses, it enhances cardiac contractility and output.
- At high doses, it causes vasoconstriction, increasing systemic vascular resistance and blood pressure.

These effects help in restoring circulatory stability.

Side Effects:

Common side effects include tachycardia, arrhythmias, headache, nausea, and hypertension.

Extravasation may cause local tissue necrosis.

Rarely, excessive vasoconstriction or ischemia may occur.

Precautions & Warnings:

- Administer only after adequate fluid replacement
- Monitor for arrhythmias and excessive rise in blood pressure
- Use with caution in patients with ischemic heart disease or peripheral vascular disease
- Avoid extravasation; use a large vein for infusion
- Continuous monitoring in an intensive care setting is recommended

Drug Interactions:

May interact with monoamine oxidase inhibitors (MAOIs), leading to exaggerated effects.

Concomitant use with other sympathomimetics may increase cardiovascular effects.

Caution with anesthetic agents that sensitize the myocardium.

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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