

เอกสารกำกับยาภาษาอังกฤษ

Leaflet
UPAMINE

Composition : Each 10 ml. contains :-
Dopamine hydrochloride 250 mg.

Indications : - It is indicated for the correction of hypotension, unresponsive to adequate fluid volume replacement, as part of shock syndrome caused by myocardial infarction, trauma, ^{bacteremia or} bacteremia, open-heart surgery, renal failure, chronic cardiac decompensation, ^{drug or} drug overdose, or other major systematic illness. However, in acute hypotension associated with myocardial. Infarction it increases myocardial oxygen demand and the work of the heart which may outweigh the beneficial effect of ^{Dopamine or} DOPINE INJECTION.
- In septic shock, low-dose ^{Dopamine or} DOPINE INJECTION may be used in conjunction with norepinephrine to maintain renal blood flow.
- In hypovolemic shock, it should be used only as adjuncts to energetic fluid volumereplacement to provide temporary support for maintaining coronary and cerebral artery perfusion until volume replacement therapy is completed. It must not be used as the sole therapy in hypovolemic patients.

Dosage and Administration : Usual adult dose : Vasopressor or cardiac stimulant-
Renal effects (dopaminergic effects) : Intravenous infusion, 0.5 to 3 mcg per kg of body weight per minute.

Beta-1 adrenergic effects : Intravenous infusion, 2 to 10 mcg per kg of body weight per minute.

~~Alpha adrenergic effects : Intravenous infusion, 10 mcg per kg of body weight per minute. The dose may be increased gradually as clinically indicated.~~

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Usual pediatric dose : Vasopressor or cardiac stimulant-Intravenous infusion, 5 to 20 mcg per kg of body weight per minute. Renal doses of 0.5 to 3 mcg per kg of body weight per minute appear to be effective. In increasing renal blood flow in pediatric patients, even in premature infants. Close haemodynamic monitoring is recommended In pediatric patients. ✓

Preparation of dosage form : ^{Dopamine} DOPINE INJECTION must be diluted prior to administration. It should be diluted immediately prior to administration. After dilution in appropriate intravenous solution for ^{infusion or} infusion, it is stable for at least 24 hours. Diluents used for preparation of intravenous infusion solutions include 0.9% sodium chloride injection, 5% dextrose injection, 5% dextrose ⁱⁿ and 0.9% sodium chloride injection, 5% dextrose in 0.45% sodium chloride solution, 5% dextrose in lactated Ringer's solution, sodium lactate injection (1/6 molar), and lactated Ringer's injection.

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Sodium bicarbonate or other alkaline intravenous solutions should not be used as diluents because dopamine is inactivated in alkaline solutions (solution becomes pink to violet). It is also sensitive to oxidizing agents and Iron salts.

To prepare an intravenous infusion, 400 to 800 mg of dopamine should be added to 250 ml of an appropriate ^{diluent} solution. The resultant solution contains 1600 or 3200 mcg of dopamine per ml. When dopamine hydrochloride and dextrose injection is used, the less concentrated 800 mcg (0.8 mg) per ml, solution ^{may} be preferred in patients who are fluid restricted or when a slower rate of infusion is desired.

^{Dopamine} DOPINE INJECTION should not be used if it is darker than slightly yellow or discolored ^{or change to pink to purple.}

Contraindication : It should be used in patients with the following medical problem except under special circumstances : asymmetric septal hypertrophy (indipathic hypertrophic subaortic stenosis), pheochromocytoma, tachyarrhythmias or ventricular arrhythmias.

Side Effects : Unfrequented side effects (incidence less frequent) are headache, nausea or vomiting, angina, bradycardia, dyspnea, hypertension, paipitations, tachycardia, ventricular arrhythmias. Rare effect is polyuria reported at nonrenal doses. Symptom of overdose is severe hypertension.

- Drug Interaction :**
- Hydrocarbon inhalation anesthetics such ^{as} ~~or~~ halothane, isoflurane, enflurone, chloroform.
 - Tricyclic antidepressants or maprotiline.
 - Systemic beta-adrenergic blocking agents.
 - Digitalis glycosides
 - Doxapram
 - Ergotamine or ergonovine or methylergonovine or methysergide or oxytocin.
 - Monoamine oxidase (MAO) inhibitors. Including furazolidone, procarbazine, and selegiline.

Manufactured by : UMEDA CO.,LTD.
26/18-21, Ram-Indra Road,
Bangkhen, Bangkok.

storage : ~~avoid light and excessive heat.~~
store below 25°C, and protected from light

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