

Nidocard Injection

Composition : Nidocard Injection: Each ampoule (10 ml) contains Nitroglycerin USP 50mg.

Indication And Usage : Nitroglycerin Injection is indicated for the treatment of peri-operative hypertension; for controlling of congestive heart failure in the setting of acute myocardial infarction; for treatment of angina pectoris in patients who have not responded to sublingual nitroglycerin and beta blockers and for induction of Intraoperative hypotension.

Dosage And Administration : Not For Direct Intravenous Injection. Nitroglycerin injection is a concentrated solution which must be diluted in dextrose (5%) injection or sodium chloride (0.9%) injection prior to its infusion. Nitroglycerin injection should not be mixed with other drugs. **1. Initial Dilution:** Aseptically transfer the contents of one nitroglycerin ampoule (containing 50 mg of nitroglycerin) into a 500 ml of Dextrose (5%) Injection or Sodium Chloride Injection (0.9%). This yields a final concentration of 100mcg/ml. **2. Maintenance Dilution:** It is important to consider the fluid requirements of the patient as well as the expected duration of infusion in selecting the appropriate dilution of Nitroglycerin Injection. After the initial dosage titration, the concentration of the solution may be increased, if necessary, to limit fluids given to the patient. The nitroglycerin concentration should not exceed 400 mcg/ml.

Dose : The dosage for nitroglycerin should initially be 5mcg/min delivered through an infusion pump capable of exact and constant delivery of the drug. Subsequent titration must be adjusted to the clinical situation, with dose increments becoming more cautious as partial response is seen. If the dose increases every 3 to 5min until some response is noted, no response is seen at 20 mcg/min, increments of 10 and later 20 mcg/min can be used. Or as directed by registered physician.

Contra-Indications : Nitroglycerin Injection is contraindicated in patients who are allergic to it, pericardial tamponade, restrictive, cardiomyopathy, or constrictive pericarditis.

Use In Pregnancy And Lactation : Pregnancy category C. It is not known whether nitroglycerin is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when nitroglycerin injection is administered to a nursing mother.

Paediatric Use : Safe effectiveness in children have not been established.

Adverse Effects : Headache, which may be severe, is the most commonly reported side effect. Transient episodes of lightheadedness, occasionally related to blood pressure changes, may also occur. Hypotension occurs infrequently, but in some patients it may be severe enough to warrant discontinuation of therapy. Syncope crescendo angina, and rebound hypertension have been reported but are uncommon.

Precautions : Severe hypotension and shock may occur with even small doses of nitroglycerin. This drug should therefore be used with caution in patients who may be volume depleted or who for whatever reason, are already hypotensive. Excessive use may lead to the development of tolerance.

Drug Interactions : Concomitant use of nitrates with alcohol, anti hypertensives, neuroleptics and tricyclic with depressant may cause hypotension.

How Supplied : Nidocard Injection : Each pack contains one ampoules in blister pack.