

Physician's Orders
IV Nesiritide (Natrekor)
(CCU/ER/Cath Lab/Telemetry only)Another brand of drug identical in form
and content may be dispensed unless
checked. ☐

Drug Allergies:

Patient Weight: _____ kg Creatinine _____

Drug Information

Nesiritide dilates veins and arteries and produces dose-dependent reductions in PCWP and system arterial pressure in patients with heart failure. Has no effect on cardiac contractility. The greatest effect on the reduction of PCWP and SBP occur in the first 15 minutes. The half-life is approximately 18 minutes. BNP levels should not be drawn while patient is on infusion. For accurate BNP levels, wait for 3 hours after stopping infusion.

Indications

Treatment of acutely decompensated CHF in patients who have dyspnea at rest or with minimal activity.

Contra-indication

- Not recommended as primary therapy for cardiogenic shock, patients with SBP < 90, restrictive or obstructive cardiomyopathy, constrictive pericarditis, pericardial tamponade, significant valvular stenosis, or other conditions in which cardiac output is dependent on venous return.
- Nesiritide binds with heparin and should not be infused through a central heparin coated catheter.

Precautions

- Use with caution in patients with baseline SBP < 100.
- Nesiritide should be given through a dedicated IV line, if you must give an IV push from the same site use 25 ml NS prior to and after the IV push.

Monitoring

- ☒ Continuous EKG monitoring ☒ Daily Weights
- ☒ NIBP Q15 x 4, then Q30 x 2, then every 2-4 hours
- ☒ If hypotension occurs (SBP < 90) stop infusion immediately and notify physician

Concentration

1.5mg Nesiritide in 250ml (recommend preservative free D5W) for a final concentration of 6 mcg/ml

Bolus Dose

- ☒ Nesiritide 2mcg/kg IV push administered over 60 seconds. Calculate ml needed and draw from bag to administer. **Bolus dose cannot be given via IV pump.**

To calculate multiply weight (kg) x 2 for total mcg then divide by 6 to calculate ml.

Amount: _____ ml Time Given: _____ Initials: ____ Verified by : _____

Maintenance Dose

- ☒ Immediately following bolus, infuse Nesiritide at 0.01 mcg/kg/min via infusion pump
Medication is automatically discontinued after 48 hours unless otherwise ordered

Physician's Signature_____/_____/_____
Date_____
Time

Nurse 1 _____

_____/_____/_____
Date_____
Time

Nurse 2 _____

_____/_____/_____
Date_____
Time