

8084

How to prepare IC Adenosine for FFR

Adenosine: Anti-Arrhythmic, Half-life:<10 seconds

IC Adenosine

Dosage: 6mg/2ml vial

*add 6mg Adenosine to a 250ml bag of D5W or NS for a concentration of 24mcg/ml

Or

*add 6mg Adenosine to a 100 ml bag of D5W or NS for a concentration of 60mcg/ml

Adenosine IV infusion

Dosage: 90mg/30ml vial

*remove and discard 40ml NS from 100 ml NS

*add 90mg/30ml of adenosine to the 60ml of NS for a concentration of 1mg/1ml

FFR Infusion rate is 140mcg/kg/min. Physician may ask to increase the rate of infusion.

Do not mix with other medications.

Aminophylline can be used to reverse some of the side effects of adenosine.

IV: 50 to 250mg administered over 30 to 60 seconds, repeat as necessary.

Contraindications:

Hypersensitivity to adenosine or any component of the formulation: Second or third degree AV block, SSS, SB (except in patients with a functioning PPM), known or suspected Broncho constrictive or bronchospastic lung disease, asthma

Caution: May cause asystole until NSR is restored.