

Hyperemic Stimuli - Fractional Flow Reserve

INTRAVENOUS ADENOSINE

I.V. Infusion: 140mcg/kg/min

PATIENTS WEIGHING LESS THAN 120KG

PREPARATION: Pre-filled bag = **1mg/1ml**

- OR**
- 1) WITHDRAW 40ml from 100ml bag of IV Sodium Chloride 0.9% and discard.
 - 2) DRAW UP 30ml (=90mg) adenosine from vials/ampoules (use 15x2ml vials or 3x10ml vials)
 - 3) ADD 30ml (=90mg) adenosine to Saline bag.
 - 4) LABEL: 90mg in 90ml = 1mg/1ml
 - 5) Give as per dosage table opposite

Where possible administer through
20g or larger cannula in ACF

DOSAGE TABLE For under 120kg

Weight Kg	Infusion rate ml/hr
45	378
50	420
55	462
60	504
65	546
70	588
75	630
80	672
85	714
90	756
95	798
100	840
105	882
110	924
115	966

PATIENTS WEIGHING 120KG OR MORE

PREPARATION: 120mg/60ml = **2mg/ml**

- 1) WITHDRAW 80ml from 100ml bag of IV Sodium Chloride 0.9% using a 50ml syringe and discard.
- 2) DRAW UP 40ml (=120mg) adenosine from vials/ampoules (use 20x2ml vials or 4x10ml vials)
- 3) ADD 40ml (=120mg) adenosine to Saline bag.
- 4) LABEL: 120mg in 60ml = 2mg/1ml
- 5) Give as per dosage table opposite

Where possible administer through
20g or larger cannula in ACF

DOSAGE TABLE For 120kg and over

Weight Kg	Infusion rate ml/hr
120	504
125	525
130	546
135	567
140	588
145	609
150	630
155	651
160	672
165	693
170	714
175	735
180	756
185	777
190	798
195	819
200	840
205	861
210	882