

Integrilin (eptifibatide)

Indications:

- 1) Patients with acute coronary syndrome (unstable angina/non Q wave MI).
- 2) Patients undergoing PCI (percutaneous coronary intervention).

Standard Concentration: 2mg/ml

Drip stable for 2 months at room temperature

Dosing:

Bolus: 180mcg/kg (bolus is drawn up from drip and thus will have same concentration as the infusion: 2mg/ml) (Dose = 0.18mg/kg) (Volume = 0.09ml/kg)

Infusion Rate:

Normal renal function: 2mcg/kg/min (0.06ml/kg/hr)

Patients with CrCl < 50ml/min: 1mcg/kg/min (0.03ml/kg/hr)(use same bolus dose)

Dosing chart:

Patient Weight (kg)	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130
Bolus (mg)	8.1	9.0	9.9	10.8	11.7	12.6	13.5	14.4	15.3	16.2	17.1	18.0	18.9	19.8	20.7	21.6	22.5	23.4
Bolus (ml)	4.1	4.5	5.0	5.4	5.9	6.3	6.8	7.2	7.7	8.1	8.6	9.0	9.5	9.9	10.4	10.8	11.3	11.7
2 mcg/kg/min (ml/hr)	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8
1 mcg/kg/min for CrCl < 50 (ml/hr)	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9

Adverse reactions: bleeding, thrombocytopenia, hypotension

Contraindications: SBP > 200 or DBP > 110 (sustained), aneurysm, dialysis, bleeding, thrombocytopenia, intracranial mass, recent trauma or major surgery, history of stroke in last 30 days, or any hemorrhagic stroke

Nursing considerations:

1. Monitor vital signs frequently and cardiac rhythm
2. Have resuscitation equipment available
3. Remove bolus from 100 ml vial
4. Spike 100 ml vial and run infusion
5. Caution with TPA, anticoagulants, other antiplatelet agents (increased risk of bleeding)
6. Draw initial labs: H/H, platelet count, serum Creatinine, PT/aPTT at baseline
7. Use is restricted to ER, ICU, PCU, and the Cath Lab
8. Administer 0.9% NaCl @ 20 ml/hour while on Integrilin
9. Maintenance labs: CBC 6 hours AFTER initiation of Integrilin, then daily. Notify physician for platelet count less than 100,000 or a drop in platelets of 50% or greater while on Integrilin.
10. Integrilin may be administered in the same IV line as atropine, dobutamine, heparin, nitroglycerin, verapamil, meperidine, morphine, or midazolam.
11. Do not give in the same IV line with Lasix.