

DRAFT

Drug: **Eptifibatide (Integrilin®)**
 2 mg/ml, 10 ml vial for weight-adjusted bolus dosing
 75 mg/100 ml vial for weight-adjusted infusion

Class: platelet aggregation inhibitor
Indication: Acute Coronary Syndrome
 Percutaneous Coronary Intervention (PCI)

Suggested
 Regimen:

1. Acute Coronary Syndrome (Unstable Angina or Non-Q-wave MI)

- Administer a single 180 mcg/kg bolus upon diagnosis by IV push over 1 to 2 minutes.
- Infusion should immediately follow bolus administration.
- Continue infusion until hospital discharge, for up to 72 hours, **or** 18 to 24 hours post- PCI, or until initiation of GABG surgery.

2. Percutaneous Coronary Intervention (PCI)

The recommended dose of Eptifibatide in PCI is an intravenous bolus of 180mcg/kg administered immediately before beginning the procedure followed by a continuous infusion of 2mcg/kg/min and a second 180mcg/kg bolus 10minutes after the first bolus. Infusion should be continued for up to 18 to 24 hours or upon discharge, whichever comes first (minimum of 12 hours of infusion is recommended).

Comments: Bleeding is the most common complication encountered during Integrilin therapy.

Mixing info: **IV bolus** Given undiluted. Withdraw total bolus dose from the 10-ml (20-mcg) vial into a syringe.
Infusion: It is usually given undiluted directly from the 100-ml (75-mg) vial using an IV infusion pump.

Patient Weight		Bolus dose for all patients	Infusion dose for serum creatinine < 2 mg/dl	Infusion dose for serum creatinine 2 - 4 mg/dl
		180mcg/kg (from 2mg/ml vial)	2 mcg/kg/min (from 0.75 mg/ml 100-ml vial)	1 mcg/kg/min (from 0.75 mg/ml 100-ml vial)
(kg)	(lb)			
37-41	81-91	3.4 ml	6 ml/h	3 ml/h
42-46	92-102	4 ml	7 ml/h	3.5 ml/h
47-53	103-117	4.5 ml	8 ml/h	4 ml/h
54-59	118-130	5 ml	9 ml/h	4.5 ml/h
60-65	131-143	5.6 ml	10 ml/h	5 ml/h
66-71	144-157	6.2 ml	11 ml/h	5.5 ml/h
72-78	158-172	6.8 ml	12 ml/h	6 ml/h
79-84	173-185	7.3 ml	13 ml/h	6.5 ml/h
85-90	186-198	7.9 ml	14 ml/h	7 ml/h
91-96	199-212	8.5 ml	15 ml/h	7.5 ml/h
97-103	213-227	9 ml	16 ml/h	8 ml/h
104-109	228-240	9.5 ml	17 ml/h	8.5 ml/h
110-115	241-253	10.2 ml	18 ml/h	9 ml/h
116-121	254-267	10.7 ml	19 ml/h	9.5 ml/h
> 121	> 267	11.3 ml	20 ml/h	10 ml/h

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These guidelines serve to give dosage ranges and rates of administration. All clinicians are expected to be thoroughly familiar with the drugs mentioned herein.