

Angiomax (bivalirudin)

Indication: Anticoagulant in patients with unstable angina undergoing PTCA along with aspirin 325 mg/day.

Mixing Instructions: Reconstitute each 250mg vial with 5ml Sterile Water for Injection. Gently swirl until dissolved. Each reconstituted vial should be further diluted in 50ml of 5% Dextrose in Water or 0.9% Sodium Chloride for Injection to yield a final concentration of 5mg/ml.

Dosing Information: **This is the current dosage recommendation from the manufacturer, not the package insert recommendations.**

Loading Dose: 0.75mg/kg IV bolus (to be given from bag)

Infusion Dose: 1.75mg/kg/hr

Duration: **Usual duration is during the PCI**

Monitoring of ACT: ACT should be monitored in renally impaired patients (clcr < 60 ml/min), goal of > 300 seconds

Dilution: 250mg/50ml or 500mg/100ml

****Doses shaded below require using the 500mg/100ml dilution to complete a 1-hour infusion****

Incompatible with: alteplase, amiodarone, amphotericin B, chlorpromazine, diazepam, prochlorperazine, reteplase, streptokinase, and vancomycin

Patient Weight (kg)	Patient Weight (lbs)	Loading Dose		Adjustment for Reduced Creatinine Clearance (Clcr)		
		From Bag 0.75mg/kg IV Bolus Dose (ml)	Normal Dose 1.75mg/kg/hr Infusion Rate (ml/hr)	Moderate Clcr 30-59 ml/min 1.4mg/kg/hr (ml/hr)	Severe Clcr 10-29 ml/min 0.7mg/kg/hr (ml/hr)	Dialysis Dependent (off dialysis) 0.175mg/kg/hr (ml/hr)
40	88	6.0	14.0	11.2	5.6	1.4
45	99	6.8	15.8	12.6	6.3	1.6
50	110	7.5	17.5	14.0	7.0	1.8
55	121	8.3	19.3	15.4	7.7	1.9
60	132	9.0	21.0	16.8	8.4	2.1
65	143	9.8	22.8	18.2	9.1	2.3
70	154	10.5	24.5	19.6	9.8	2.5
75	165	11.3	26.3	21.0	10.5	2.6
80	176	12.0	28.0	22.4	11.2	2.8
85	187	12.8	29.8	23.8	11.9	3.0
90	198	13.5	31.5	25.2	12.6	3.2
95	209	14.3	33.3	26.6	13.3	3.3
100	220	15.0	35.0	28.0	14.0	3.5
105	231	15.8	36.8	29.4	14.7	3.7
110	242	16.5	38.5	30.8	15.4	3.9
115	253	17.3	40.3	32.2	16.1	4.0
120	264	18.0	42.0	33.6	16.8	4.2
125	275	18.8	43.8	35.0	17.5	4.4
130	286	19.5	45.5	36.4	18.2	4.6
135	297	20.3	47.3	37.8	18.9	4.7
140	308	21.0	49.0	39.2	19.6	4.9
145	319	21.8	50.8	40.6	20.3	5.1
150	330	22.5	52.5	42.0	21.0	5.3
155	341	23.3	54.3	43.4	21.7	5.4
160	352	24.0	56.0	44.8	22.4	5.6
165	363	24.8	57.8	46.2	23.1	5.8
170	374	25.5	59.5	47.6	23.8	6.0