

# TIROFIBAN (AGGRASTAT) PROTOCOL

**Indications:** in combination with heparin (conservative protocol) for the treatment of patients managed medically or undergoing PCI with acute coronary syndromes (definite unstable angina, non-ST elevated MI, post-MI unstable angina).

Pharmacy will mix a standard concentration bag: remove 50 cc from a 250 cc bag of diluent (D5W or NS). Add 50 cc vial of Aggrastat to diluent. Mix well. This gives a 50 mcg/cc concentration.

For bolus, remove required diluted amount from infusion bag after mixing.

Bolus and maintenance infusion must be reduced by 50% for renal dysfunction (see dosing chart below).

Obtain a platelet count 3 hours after starting infusion.

Can be infused in same line as heparin, nitroglycerin, and lidocaine.

AGGRASTAT DOSING					
Weight kg	Weight lb	3-5 minute bolus (cc)		Maintenance Infusion Rate (cc/hr)	
		CrCl> 30 ml/min (Cr < 3.0) [10 mcg/kg]	CrCl< 30 ml/min (Cr > 3.0) [5 mcg/kg]	CrCl> 30 ml/min (Cr < 3.0) [0.1 mcg/kg/min]	CrCl< 30 ml/min (Cr > 3.0) [0.05 mcg/kg/min]
30-37 kg	66-82 lb	7 cc	3.5 cc	4 cc/hr	2 cc/hr
38-45 kg	83-100 lb	8 cc	4 cc	5 cc/hr	2.5 cc/hr
46-54 kg	101-119 lb	10 cc	5 cc	6 cc/hr	3 cc/hr
55-62 kg	120-137 lb	12 cc	6 cc	7 cc/hr	3.5cc/hr
63-70 kg	138-155 lb	13 cc	6.5 cc	8 cc/hr	4 cc/hr
71-79 kg	156-174 lb	15 cc	7.5 cc	9 cc/hr	4.5 cc/hr
80-87 kg	175-192 lb	17 cc	8.5 cc	10 cc/hr	5 cc/hr
88-95 kg	193-210 lb	18 cc	9 cc	11 cc/hr	5.5 cc/hr
96-104 kg	211-229 lb	20 cc	10 cc	12 cc/hr	6 cc/hr
105-112 kg	230-247 lb	22 cc	11 cc	13 cc/hr	6.5 cc/hr
113-120 kg	248-265 lb	23 cc	11.5 cc	14 cc/hr	7 cc/hr
121-128 kg	266-283 lb	25 cc	12.5 cc	15 cc/hr	7.5 cc/hr
129-137 kg	284-302 lb	27 cc	13.5 cc	16 cc/hr	8 cc/hr
138-145 kg	303-319 lb	28 cc	14 cc	17 cc/hr	8.5 cc/hr
146-153 kg	320-337 lb	30 cc	15 cc	18 cc/hr	9 cc/hr