

# Lothian University Hospitals NHS Trust

Department of Cardiology and Department of Pharmacy, Royal Infirmary of Edinburgh

## High Dose Tirofiban Protocol – Renal Impairment\*

Patients with severe kidney impairment (eGFR ( $/1.73m^2$ ) less than 30mls/min)

Weight (kg)	Initial Loading Bolus Dose of 25 micrograms/kg	
	Volume of 50 microgram/ml solution to be administered as intravenous infusion over three minutes (mL)	Infusion rate of 50 microgram/ml solution for initial three minute intravenous infusion (mL/hour)
45	11.25	225
50	12.5	250
55	13.75	275
60	15	300
65	16.25	325
70	17.5	350
75	18.75	375
80	20	400
85	21.25	425
90	22.5	450
95	23.75	475
100	25	500
105	26.25	525
110	27.5	550
115	28.75	575
120	30	600

Weight (kg)	Maintenance Infusion of 0.15micrograms/kg/minute
	Infusion rate of 50 microgram/ml solution (mL/hour)
45	4.05
50	4.5
55	4.95
60	5.4
65	5.85
70	6.3
75	6.75
80	7.2
85	7.65
90	8.1
95	8.55
100	9.0
105	9.45
110	9.9
115	10.35
120	10.8