

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 |