

Bivalirudin Dosing Algorithm

For patients with confirmed or suspected heparin-induced thrombocytopenia (HIT)

(DTI Goal: 60-90 seconds)

DTI Assay	DOSE ADJUSTMENT	CALCULATION	NEXT DTI
< 60	Increase infusion rate by 20%	<i>New Rate = current rate x 1.2</i> [example: current rate 0.15 mg/kg/hr x 1.2 = new rate 0.18 mg/kg/hr]	2 hours
60-90	AT GOAL = NO CHANGE	NO CHANGE	2 hours x 1, then q AM
> 90	Hold infusion for 1 hour, then restart at 50% less than the previous rate	<i>New rate = current rate x 0.5</i> [example: current rate 0.15mg/kg/hr x 0.5 = new rate 0.075 mg/kg/hr]	2 hours