

Department of Pharmaceutical Services
January 28, 2009

Changes are being made to Activated Partial Thromboplastin Time (APTT) testing that is done by laboratory services. This will impact the dosing of Heparin drips. Changes to the Heparin Standard dosing (Adult) order set (which will be effective 2/24/09 at approximately 10:00am) will be as follows:

New therapeutic APTT range is 80.0 to 122.0 seconds

Old Range	New Range	Dosing
≤ 40 sec	≤ 60 sec	If TAPTT is ≤ 60 sec, re-bolus with 5,000 units of heparin IVP, AND increase rate of heparin infusion by 200 units/hour
41 to 49 sec	61 to 69 sec	If TAPTT is 61 to 69, re-bolus with 2,500 units of heparin IVP, AND increase rate of heparin infusion by 200 units/hour
50 to 59 sec	70 to 79 sec	If TAPTT is 70 to 79 sec, increase rate of heparin infusion by 100 units/hours
60 to 110 sec	80 to 122 sec	If TAPTT is 80 to 122 sec, continue the heparin infusion at the current rate
111 to 120 sec	123 to 132sec	If TAPTT is 123 to 132sec, decrease rate of heparin by 100 units/ hour
121 to 140 sec	133 to 152 sec	If TAPTT is 133 to 152 sec, stop heparin infusion for 30min. AND decrease rate of heparin infusion by 100units/hour, upon re-initiation.
>140	>152 sec	If TAPTT is >140 sec. stop heparin infusion for 60 min. and decrease rate of heparin infusion by 200units/hour, upon re-initiation

Any questions please feel free to contact Ryan LaLonde, PharmD, Clinical Pharmacy Coordinator, 989-583-6145

NOTE:

- TAPTT drawn before 10am on 2-24-09 adjustments are to be made using the old ranges.
- ALL TAPTT's drawn after 10am on 2-24-09 should be evaluated and adjusted using the NEW ranges.