Heparin IV Drip Weight-Based (Cardiac/Stroke) Adult Protocol Subphase

Vital Signs/Monitoring
- Confirm Dosing Weight is Documented and Accurate (NOTE)*
- Notify Provider Laboratory Results
  - Prior to initiation of protocol call if, Plt< 50,000
- Initiate Protocol
  - Heparin IV Weight Based Protocol, Constant Indicator
- Heparin Protocol Record
- PRN Order

Nursing
- Check for aPTT results within 60 minutes of sending lab specimen. If result is not available, call the lab for the result (NOTE)*
- Document communication with physician on each aPTT result within 2 hours of drawing the aPTT (NOTE)*
- Order Intravenous Access Device Adult/Pediatric Subphase if venous access device insertion and management is needed (NOTE)*

Medications
- heparin IV initial BOLUS (unit/kg) for Cardiac/Stroke (conc=5000units/mL)
  60 unit/kg, IV, Injection, ONCE, Urgent/First Med Dose Now (DEF)*
  - Comments: for initial bolus per heparin protocol (Cardiac/Stroke); Max bolus dose = 5,000 units/dose
  0 unit, IV, Injection, ONCE
  - Comments: NO Heparin Initial Bolus
- heparin IV RE-BOLUS (unit/kg) (concentration=5000units/mL)
  60 unit/kg, IV, Injection, PRN, PRN Other (see comment)
  - Comments: for re-bolus per heparin protocol (Cardiac/Stroke); Max bolus dose = 5,000 units/dose
- heparin 100 unit/mL in 250mL PREMIX IV Drip (unit/kg/hr) (IVS)*
  - premix product
  - IV
  - Comments: Max Initial Rate = 1,000 units/hour; Conc: 100 unit/mL; Total Vol = 250 mL; Adjust rate per heparin protocol (Cardiac/Stroke); aPTT Value Heparin Bolus

Change in Drip Rate Check next aPTT

- < 38 sec Increase by 4 unit/kg/hr
- 6 hours38-48 sec None
- 6 hours49-57 sec Increase by 2 unit/kg/hr
- 6 hours > 104 sec Hold infusion
- Decrease by 4 unit/kg/hr

Laboratory
- Obtain the following URGENT labs if not done in the last 24 hours: (NOTE)*
  - APTT
    - Blood, Urgent collect, ONCE
  - +6 Hours APTT
    - Blood, Timed Study collect, Q6HR INTERVAL
    - Comments: Draw from arm opposite to heparin infusion
    - If 3 consecutive aPTT levels are within the set therapeutic range, then the nurse is to discontinue the Q 6 HR interval aPTT
PT/INR

*Blood, Urgent collect*

CBC with Diff

*Blood, Urgent collect, ONCE*

Notify Provider Laboratory Results

aPTT 104, aPTT < 38

Notify Provider Laboratory Results

For 3 consecutive lab results outside range or for signs of bleeding, aPTT > 86, aPTT < 58

Conditional Lab Instructions

Order and obtain additional APTT specimens, per Heparin Protocol, PRN order

Obtain the following every morning while on heparin protocol:

*NOTE*

Note: A platelet count is included in a routine CBC and does not need to be ordered separately

*NOTE*

Platelet Count

*Blood, Routine collect, AM LAB*

APTT

*Blood, Routine collect, AM LAB*

Comments: If AM aPTT level is outside the specified goal range, then the nurse is to re-order the aPTT level every 6 hours until there are 3 consecutive aPTT values in therapeutic range.

Other

Subphase Activated

*Report Legend:*

DEF - This order sentence is the default for the selected order

GOAL - This component is a goal

IND - This component is an indicator

INT - This component is an intervention

IVS - This component is an IV Set

NOTE - This component is a note

Rx - This component is a prescription

SUB - This component is a sub phase