



## Physician Orders ADULT: Heparin Impella Device Non-Protocol Infusion Plan

### Heparin Impella Device Non-Protocol Infusion Plan

#### Non Categorized

R Heparin Non-Protocol Infusion Orders  
T;N

#### Nursing Communication

- ☒ Nursing Communication  
T;N, Discontinue all other forms of Heparin(enoxaparin/dalteparin/fondaparinux). If patient on full dose anticoagulation, delay Heparin bolus or infusion for 12 hrs after last dose. If patient is on prophylactic Heparin doses, no delay is necessary.
- ☒ Nursing Communication  
T;N, Place order for aPTT Heparin six hours after starting infusion. (Order as Time Study)
- ☒ Nursing Communication  
T;N, Titration: Place order for additional aPTT Heparin q6h (TimeStudy) as indicated by rate change criteria.
- ☒ Nursing Communication  
T;N, Change order for aPTT Heparin to qam after Heparin infusion begun and therapeutic range (PTT 50 - 70 seconds) achieved.
- ☒ Nursing Communication  
T;N, If patient has IM injection orders, call MD for clarification (IM injections not recommended while on Heparin; may vaccinate if aPTT Heparin less than 70 seconds.
- ☒ Nursing Communication  
T;N, Do not interrupt Heparin infusion to collect labs nor collect from Heparin infusion IV line or distally. Start second IV line access (INT) for blood draws if necessary.

#### Medications

- ☒ heparin 20,000 units/D5W infusion  
20,000 units 500 mL, IV, Routine, TITRATE, Comment: NO BOLUS for this protocol! If weight greater than or equal to 80 kg, initial rate is 25 mL/hr. If weight less than 80 kg, calculate initial rate. Initial rate = weight (in kg) divided by 3.3 = \_\_\_\_\_ mL/hr. Goal aPTT is 50 - 70 seconds.

#### Titration Instructions

##### aPTT Range:

Less than or equal to 34.9 sec  
35-49.9 sec  
50-70 sec  
70.1-85 sec  
> 85 sec

##### Action:

Increase rate by 240 units/hr (6mL/hr) and repeat PTT q6h  
Increase rate by 120 units/hr (3mL/hr) and repeat PTT in 6hrs  
Maintain same rate  
Decrease rate by 120 units/hr(3mL/hr) and repeat PTT in 6hrs  
Hold infusion for 1 hour then decrease rate by 240 units/hr (6mL/hr) and continue aPTT q6h after infusion resumed.

#### Laboratory

- R Partial Thromboplastin Time  
STAT, T;N, once, Type: Blood
- ☐ CBC w/o Diff  
STAT, T;N, once, Type: Blood





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- ☐ CBC w/o Diff  
*Routine, T+1;0400, qam, Type: Blood*

**Consults/Notifications/Referrals**

- ☒ Notify Physician-Continuing  
*Notify: Physician, Notify For: if baseline or subsequent platelet counts fall below 100,000/mm3 or if there is a 50% drop from the baseline platelet count.*

Date	Time	Physician's Signature	MD Number
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**\*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, see separate sheet  
R-Required order

