

**Heparin Continuous Infusion Orders for  
Adult Patient**

Directions: 1. Indicate choice when options are available by placing a check in the box   
 2. Mark through entire line any prechecked item you **do not** wish to order  ~~mark through~~

Attending Physician: \_\_\_\_\_ Diagnosis: \_\_\_\_\_

**ALLERGIES:** NKA **ALLERGIC to:** \_\_\_\_\_

Weigh patient and record in kilograms. Actual weight per scale = \_\_\_\_\_ kilograms

**NOTE:**

**DO NOT USE** this orderset for patients with embolic **STROKE**

**MEDICATIONS:**

**Acute Coronary Syndrome:**

**Heparin** 60 units/kilogram = \_\_\_\_\_ units (5,000 units maximum) IV push; THEN  
**Heparin** IV infusion (**Heparin** 25,000 units /Dextrose 5% 500 ml) at 12 units/kg/hour  
 (1,000 units/hour maximum)

**VTE/DVT/Pulmonary Embolism:**

- Heparin** 80 units/kilogram = \_\_\_\_\_ units (10,000 units maximum) IV push; THEN  
**Heparin** IV infusion (**Heparin** 25,000 units /Dextrose 5% 500 ml) at 18 units/kg/hour  
 (1,500 units/hour maximum)
- Adjust **Heparin** IV infusion rates per physician order only and DO NOT use sliding scale. Call physician every non-therapeutic aPTT
- Adjust **Heparin** IV infusion per sliding scale (see chart below). Re-bolus if indicated by aPTT and adjust **Heparin** infusion rate according to the weight of the patient and aPTT results obtained

**PATIENT CARE:**

Assess/document for bleeding with every nursing assessment and with any change in condition

\*Only use scale for standard **Heparin** solution of 25,000 units/500 ml, which equates to 50 units per ml. Target aPTT based on serum **heparin** levels of 0.3-0.7 units/liter by factor Xa titration at CHH

aPTT in Seconds	Repeat IV Push Dose	Rate Interruption	Rate Change
less than 35	40 units/kilogram	none	increase by 4 units/kg/hour
35-54	40 units/kilogram	none	increase by 2 units/kg/hour
Target: 55-99	none	none	none, continue same rate
100-120	none	Stop, resume in 30 minutes	decrease by 2 units/kg/hour
121-160	none	Stop, resume in 60 minutes	decrease by 3 units/kg/hour
greater than 160	none	Stop, resume in 90 minutes	decrease by 3 units/kg/hour

Physician Initials: \_\_\_\_\_

**Patient Identification**

