

THIS IS NOT A NURSING STANDARDIZED PROTOCOL

CHECK BOX TO INDICATE CHOICE(S); FILL IN THE BLANKS; CROSS OUT WHAT IS NOT APPLICABLE.

1. Indication:

- Pulmonary Embolus
- Acute Coronary Syndrome
- Deep Vein Thrombosis
- Myocardial Infarction (without thrombolytic)
- Other _____

2. Laboratory:

- Baseline PT, INR, PTT and CBC now (if not done in past 24 hours)
- CBC daily while on heparin
- PTT 6 hours after IV loading dose
- Stool for occult blood _____ (frequency)

3. Patient Weight (actual) _____ kg

4. Initial IV Heparin Dose:

- a. Bolus: 60 units/kg (Maximum 8000 units) = _____ units (round to nearest 500 units)
- b. IV Infusion: 12 units/kg per hour by pump = _____ units/hour (round to nearest 50 units)

5. **PRESCRIBERS:** You will need to make subsequent heparin dosing adjustments. Review the 6-hour PTT and compare to range listed in the "Heparin Adjustment Table" on reverse. Review STEPS 1-3 and determine heparin adjustments. Write order changes / dose adjustments on a regular physician order sheet. Include the new rate desired, for example: "Decrease Heparin IV rate to 650 units/hr."

6. **NURSES:** Notify physician for headache, nausea/vomiting, hematuria, blood in stool, fall, bruising greater than 4cm, SBP greater than 180. If bleeding occurs, stop heparin infusion and contact physician.

7. Do not prescribe or administer IM injections while patient is on heparin therapy.

Physician Name (print) _____	
Signature _____	
Date _____	Time _____
Noted by _____	Date _____ Time _____
Transcribed by _____	Date _____ Time _____

PATIENT DATA - Imprint or Print Legibly

Name: _____

MRUN: _____

Date of Birth: _____

Ward or Clinic: _____

Req. Loc. Code: _____



**PHYSICIAN GUIDELINES
HEPARIN ADJUSTMENT TABLE**

PTT (seconds)	STEP 1 Action	STEP 2 Dose Change (units/kg/hr)	STEP 3 Repeat PTT after dose change
less than 35	Bolus 60 units/kg (Max. 8,000 Units)	+4 units/kg/hr	6 hours
35 to 53	Bolus 30 units/kg (Max. 4,000 Units)	+2 units/kg/hr	6 hours
54 to 57	none	+2 units/kg/hr	6 hours
58 to 75	None	None	Need two consecutive therapeutic PTTs at 6 hour intervals, then every AM
76 to 90	None	-2 units/kg/hr	6 hours
91 to 119	Hold 30 minutes	-2 units/kg/hr	6 hours
120 to 139	Hold 60 minutes	-3 units/kg/hr	6 hours
140 to 200	Hold 90 minutes	-3 units/kg/hr	6 hours
greater than 200	Hold 120 minutes	-4 units/kg/hr	6 hours