

Heparin and Insulin Talking Points

Objectives:

- Outline differences in the administration of heparin and insulin process between SCM and Epic.
- Call out key differences in workflow.

How it Works



SCM heparin protocol automatically populates PTT results with a right click "modify" on current protocol order; Epic will require the RN to update PTT in the MAR for rate adjustment as needed

heparin infusion 100 units/mL in 0.45% NS (premix) Ordered Dose: 0-24 Units/kg/hr x 54.4 kg : Admin Dose: 0-1,305.6 Units/hr : 0-13.1 mL/hr :
intravenous : Continuous

(units/kg/hr):

PTT 91-100 Bolus Dose (units/kg): 0
PTT 91-100 Additional Instructions: Repeat aPTT 6 hours after rate change
PTT 91-100 Instructions continued: Maximum rate DECREASE of 230 units/hour

PTT 101-200 Maintenance Dose Adjustment (units/kg/hr): -3
PTT 101-200 Bolus Dose (units/kg): 0
PTT 101-200 Additional Instructions: Repeat aPTT 6 hours after rate change
PTT 101-200 Instructions continued: Hold infusion for 60 minutes, resume at reduced rate

PTT >200 Maintenance Dose Adjustment (%): -100
PTT >200 Bolus Dose (units/kg): 0
PTT >200 Additional Instructions: Repeat STAT aPTT every 2 hours until aPTT < 100
PTT >200 Instructions continued: Turn off heparin infusion and Contact provider

Order Start Time: Today 10/06/21 at 1600
Order End Time: 10/13/21 at 1559
References: Lexicomp
Linked Line: Peripheral IV 10/3/2021 Left Forearm (as of Today 10/06/21 at 1600)

Recent Actions
10/06
1600
NewBag

Restart Heparin Infusion?

Restarting with Provider Supplied Rate No ☒ No ☐ Yes

PTT Validation

Click to Pull in Most Recent PTT 100 ☒ Click Here

Most Recent PTT (units) No aPTT value found in past day

Last PTT Date No aPTT lab found in past 7 days

Use Most Recent PTT? ☒ Yes ☐ No - Override

Adjustment Calculator - begin using 6 hours after initial bolus and infusion dose.

Enter current PTT result 100

Bolus Dose (units) No bolus dose required

Maintenance Dose (units/kg/hr) 10 Units/kg/hr

Additional Instructions Repeat aPTT 6 hours after rate change

Instructions (cont.) Maximum rate DECREASE of 230 units/hour

Heparin Drip

Volume (mL) Heparin

- Orders for next PTT draws will not be automatically placed. EPIC will fire a BPA to remind RN to place PTT order

BestPractice Advisory - Apple, Lon

High Priority (1)

This patient needs a PTT lab Q6 ordered after the Heparin new bag/rate change.

Partial Thromboplastin Time (PTT), Activated

- RNs will order new PTT with an order mode of "Scope" and not "Per protocol"

Providers ✕

Ordering Information Filter: ☒ Treatment team
☒ Nearby

Order mode

!

Telephone with readback Per protocol: cosign required **Scope**

Ordering provider !

Authorizing Providers
For procedures

Entry Comments

☒ Accept ☒ Cancel

- The Adult ICU insulin infusion has been built in EPIC to follow the Georgia Protocol. Essentially, the Insulin Drip Protocol will go from paper to electronic.
- Epic will require the RN to update glucose results into the MAR to adjust the protocol rate.

Enter Protocol Action and Current POC Blood Glucose

Protocol Action ☐ Rate verify/adjust taken 6 days ago

1

Blood Glucose (mg/dL) **2** ☐ 80 taken 6 d

Calculated Dose (Enter in the "Dose" Field Above):

Calculated Dose (units/hr) **3** ☐ 0 Units/hr ta

Additional Instructions ☐ Repeat BG in repeat as nec

- Dual signature is required for both drips in real-time for Epic.

Learn More



Learning Home Dashboard: Inpatient Clinical Learning Home Dashboard

Remember – Tip sheets on the Learning Home Dashboard.

The changes identified in this document are significant to your hospital. Please reference the following Tip Sheets:

- Clean up existing PTT due to New Heparin Order Workflow 10.26
- Heparin Infusion Documentation
- Insulin Infusion Documentation

Note that the information on the Learning Home Dashboard is current. If you download or print a copy of the Tip Sheet, it will may not reflect the most up to date information. Make it a habit to view Tip Sheets within Epic frequently.

Remember



Playground

Once you complete your training, you may access the Epic Playground environment. Use this environment to learn and practice the new Epic workflows.

Focusing on the changes identified in this document will help your hospital in the successful implementation.

As part of the Playground environment, you will have access to the Learning Home Dashboard to learn about other changes.

You Can Also



View the Change Video

A demonstration was held and recorded for this workflow. The demonstration is located in NetLearning for the user to locate and assign to themselves using the "Learning Opportunities (Enroll) button. To locate the recording for this change, and all other recorded demonstrations, search for "Change Management" and select the appropriate demonstration.

Questions can be sent to your informatics representative. If they cannot answer the question, they will partner with you to find the answer with the EpicTogether Team.

Version #	Purpose of Change	Author	Date of Change
1.0	Initial Creation	Selena McClinton Jordan Musleh	4/21/2022