



Topic: Provider and Pharmacist Workflow Heparin Dosing Solution

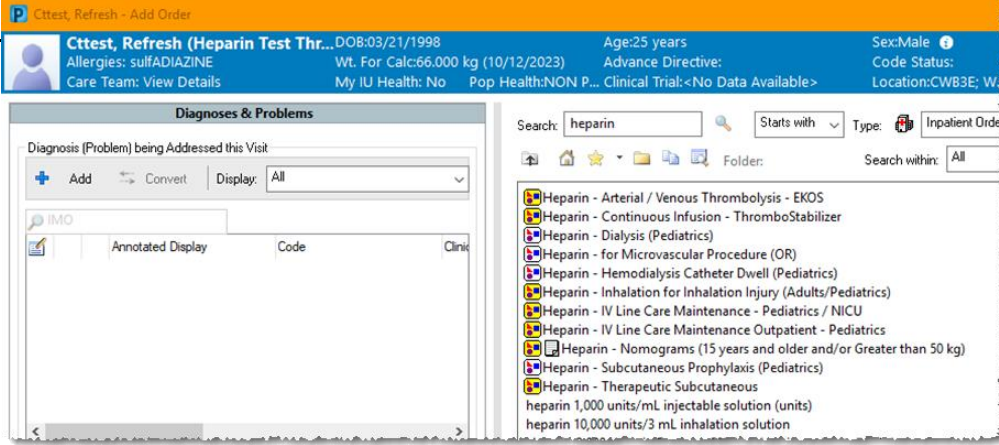
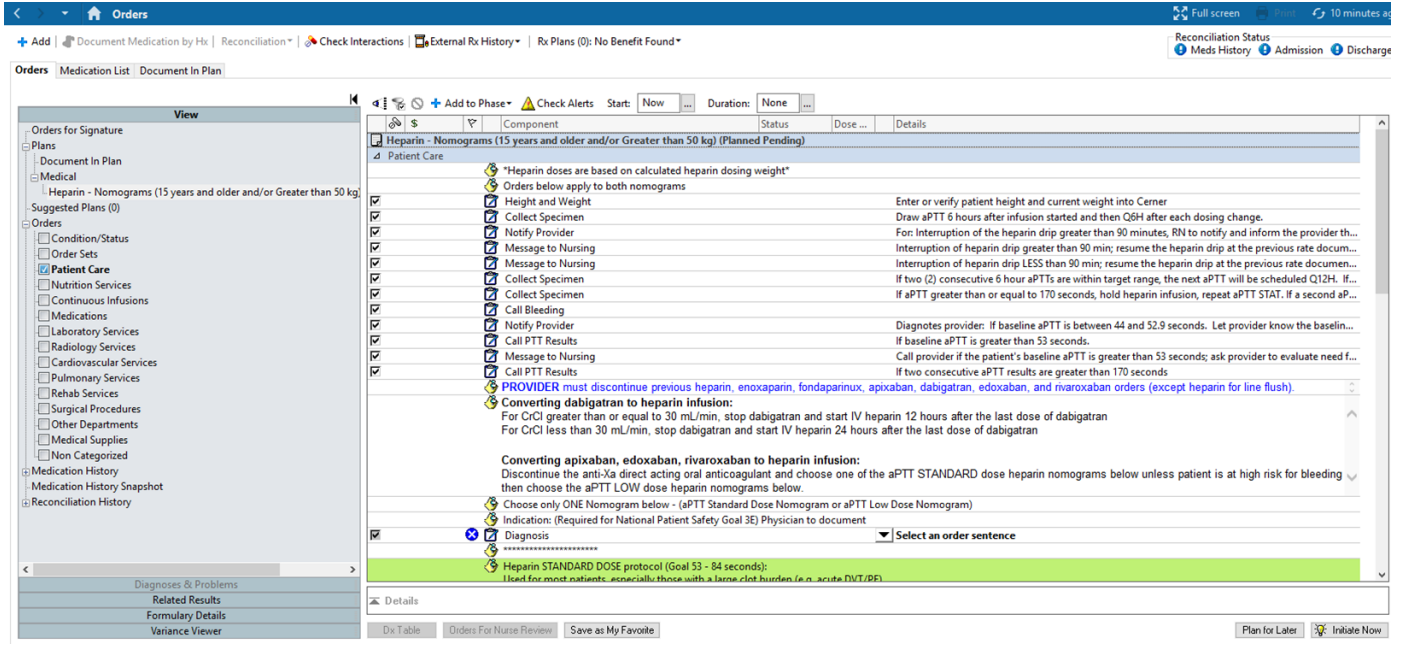
Facility: IU Health

Audience: Providers and Pharmacists

What: The following document details the provider and pharmacist workflow for Heparin Dosing.

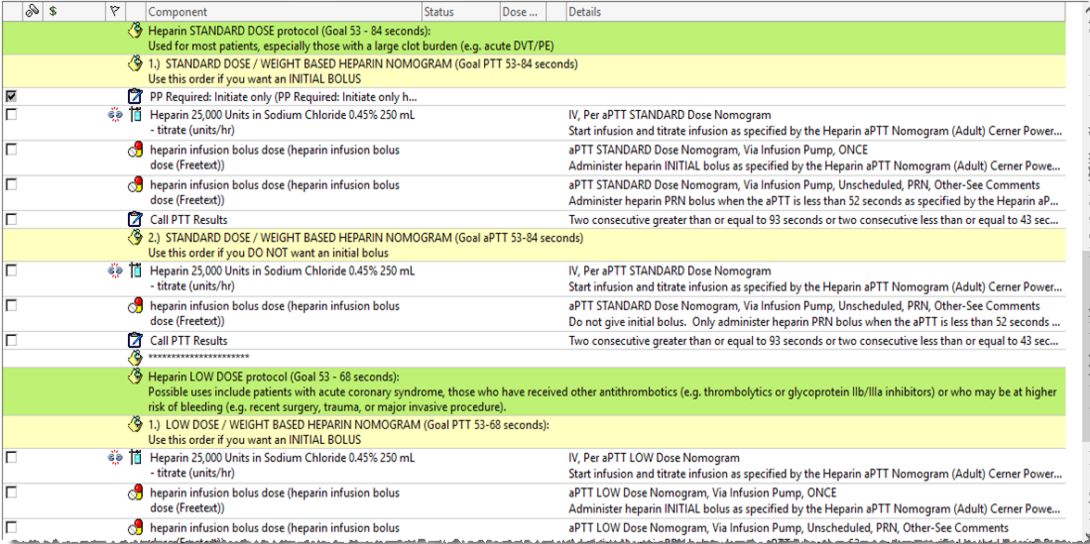
Why: Thrombostabilizer is being retired and this is the new Heparin Dosing Workflow.

When the Provider Orders **Heparin Infusion** using the PowerPlan, this will trigger a baseline aPTT collection task and Initial Setup of Heparin Infusion aPTT Standard Dose.

Step	Action
1	Provider has decided patient needs to be a on Heparin Drip.
2	Provider selects + Add Order .
3	Provider selects Heparin Nomograms (15 years and older and/or Greater than 50 kg) PowerPlan: 
4	All patient care orders come prechecked: 

Continued on next page



Step	Action
5	<p>A notable change to the old Thrombostabilizer PowerPlan is the inclusion of one Notify Provider and two Message to Nursing Patient Care Orders.</p> <p><i>These Orders provide steps for RNs to work though if there is any delay in the heparin drip. This should alleviate plan of care calls from RNs to providers.</i></p> <p>Note: Separate Orderables are available for Standard versus Low Dose and Initial Bolus versus no Bolus.</p>
6	<p>Providers to make a PowerPlan selection.</p> <p><i>In this example, we will select Orderables for Standard Dose, Initial Bolus, and PRN Bolus. We also select the Heparin IV Medication Order and Call aPTT Results Order:</i></p>  <p>The screenshot shows a list of orderables with columns for Component, Status, Dose, and Details. Key items include: <ul style="list-style-type: none"> Heparin STANDARD DOSE protocol (Goal 53 - 84 seconds) 1.) STANDARD DOSE / WEIGHT BASED HEPARIN NOMOGRAM (Goal PTT 53-84 seconds) PP Required: Initiate only (PP Required: Initiate only h...) Heparin 25,000 Units in Sodium Chloride 0.45% 250 mL - titrate (units/hr) heparin infusion bolus dose (heparin infusion bolus dose (Freertext)) heparin infusion bolus dose (heparin infusion bolus dose (Freertext)) Call PTT Results 2.) STANDARD DOSE / WEIGHT BASED HEPARIN NOMOGRAM (Goal aPTT 53-84 seconds) Heparin 25,000 Units in Sodium Chloride 0.45% 250 mL - titrate (units/hr) heparin infusion bolus dose (heparin infusion bolus dose (Freertext)) Call PTT Results Heparin LOW DOSE protocol (Goal 53 - 68 seconds) 1.) LOW DOSE / WEIGHT BASED HEPARIN NOMOGRAM (Goal PTT 53-68 seconds) Heparin 25,000 Units in Sodium Chloride 0.45% 250 mL - titrate (units/hr) heparin infusion bolus dose (heparin infusion bolus dose (Freertext)) heparin infusion bolus dose (heparin infusion bolus dose (Freertext)) </p>
7	<p>When PowerPlan selections are made, the Provider will Initiate and Sign the PowerPlan as normal.</p>
8	<p>Signing the PowerPlan will cause a Duplicate Order Alert for Call aPTT Results Orders.</p> <p><i>This is expected and cannot be removed.</i></p>
9	<p>Provider to select Order Anyway to close the window and Sign.</p> <p><i>Signing this PowerPlan will trigger a baseline aPTT collection task and Initial Setup of Heparin Infusion aPTT Standard Dose task for the RN. RN tasks are unique to the PowerPlan Orderables selected.</i></p>
10	<p>NOTE FOR PROVIDERS AND PHARMACY:</p> <p>Weight for calculation is used to calculate adjusted dosing weight for heparin dosing.</p> <p>If RN is concerned about significant change in patient weight or recently updated weight for calculation, contact pharmacy and provider to validate changes.</p> <p>Additional Reference Links:</p> <ol style="list-style-type: none"> Weight for Calculation Update Order Entry Workflow Update Patient Weight for Calculation in Cerner