

Continuous Renal Replacement Therapy (CRRT) Multiphase PowerPlan for Providers

Cerner PowerChart EDUCATION

Provider Ordering Process

1. Within the Orders section of the dark blue Menu, click +Add to search and select the CRRT PowerPlan.
2. Select CRRT Type from drop-down.
3. Complete all order details.
4. Click the down arrow to hide the order details.
5. Select Hepatitis labs, if applicable.
6. Select STAT Labs, if applicable.

1 Continuous Renal Replacement Therapy CRRT Multiphase plan

Continuous Renal Replacement Therapy CRRT Multiphase plan, Initiate Phase (Planned Pending)

2 Continuous Renal Replacement Therapy (CRRT) Select an order sentence

CRRT Type CVWH
 CRRT Type CVVHD
 CRRT Type SCUF

4 Details for Continuous Renal Replacement Therapy (CRRT)

Details Order Comments Offset Details Diagnoses

Treatment Start Date/Time: EDT *CRRT Type: CVVHD

3 *Treatment Length: *Blood Flow Rate:

*Dialysate Flow Rate: *Fluid Balance Initial Net:

*Initial Net Fluid Loss (mL/hr): *Target Net Fluid Loss (mL/hr):

*Fluid Balance Target Net: Other (Specify):

5 Laboratory

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hepatitis B Surface Antibody	NOW
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hepatitis B Surface Antigen	NOW
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hepatitis B Core Antibody, Total	NOW
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hepatitis C Antibody, IgG	NOW

Daily Labs

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Magnesium Level	Routine, q12hr
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Basic Metabolic Panel	Routine, q12hr
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Phosphorus	Routine, q12hr

STAT LABS

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Phosphorus	STAT, ONCE
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Magnesium Level	STAT, ONCE
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Comprehensive Metabolic Panel (CMP)	STAT, ONCE

6

Anticoagulation Orders

1. Choose Anticoagulation Subphase.

1 Choose Anticoagulation

No Anticoagulation

Regional Citrate ACD-A Anti-coagulation

Initiate Phase, No Anticoagulation (Planned Pending)

Sodium Chloride 0.9% 1000 mL 1,000 mL
1,000 mL, IV, Start 3/30/2021 14:33 EDT, Flush 100 mL every hour
for CRRT, Routine, Stop 4/29/2021 14:32 EDT

Initiate Phase, Regional Citrate ACD-A Anti-coagulation (Planned Pending)

Communication to Nurse

Nurse to Order Ionized Calcium per Protocol for Regional Anticoagulation

Laboratory

Nurse to Order Lab Test in Future Task

Medications

calcium chloride (Calcium Chloride IVPB (MMC))

calcium chloride (Calcium Chloride IVPB (MMC))

A Anticoagulant Citrate Dextrose ACD Formula A 1000 mL* 1,000 mL

B Calcium Chloride Additive 5000 mg 5,000 mg + Sodium Chloride 0.9% IV SOLN CRRT 200 mL

2

Anticoagulant Citrate Dextrose ACD
mL* 1,000 mL

Details

A *Initial Rate of Infusion:

Calcium Chloride Additive 5000 mg
Chloride 0.9% IV SOLN CRRT 200 mL

Details

B Initial Rate of Infusion:

If Regional Citrate Anticoagulation is chosen, click to add Infusion Rates for:

- A. Anticoagulant Citrate Dextrose rate.
- B. Calcium Chloride Additive rate.

2. Click Return to Initiate Phase.

3. Choose Continuous Infusion.
4. Choose Dialysis Cath Dwell.

Choose Dialysis Cath Dwell

Citrate Dwell Dialysis Catheter

Heparin Dwell Dialysis Catheter

4

Continuous Infusions

NxStage PureFlow B CRRT Soln (RFP 400 CRRT SOLN)

NxStage PureFlow B CRRT Soln (RFP 401 CRRT SOLN)

NxStage PureFlow B CRRT Soln (RFP 453 CRRT SOLN)

NxStage PureFlow B CRRT Soln (RFP 454 CRRT SOLN)

3

Continuous Renal Replacement Therapy (CRRT) Multiphase PowerPlan for Providers

Cerner PowerChart EDUCATION

- Click Return to Initiate Phase.

Medications

- sodium citrate (Sodium Citrate for DIALYSIS CATHETER DWELL)
- 5** sodium citrate (Sodium Citrate for DIALYSIS CATHETER DWELL)

Return to Initiate Phase

- Click Orders for Signature.

6 Orders For Signature

- Click Sign.

7 Sign

Modifying CRRT Orders

- Right-click on the CRRT order.

- Select Modify.

Continuous Renal Replacement Therapy CRRT Multiphase plan, Initiate Phase (Initiated)
Non Categorized

- Continuous Renal Replacement Therapy (CRRT) 03/30/21 14:31:00 EDT, CRRT Type CVVHD, Treatment Length Continuous 24 Negative...
- Pharmacy Following (RX use Only)** CRRT, 03/30/21 14:31:00 EDT, Daily
- Consent for 03/30/21 14:31:00 EDT, Obtain informed consent for Continuous Renal Repla
- Misc Task 03/30/21 14:31:00 EDT, ONCE, 03/30/21 14:31:00 EDT, Obtain informed conse

2 Modify
Complete
Cancel/DC

- Enter changes.

3 Details for **Continuous Renal Replacement Therapy (CRRT)**

*Blood Flow Rate: 200 mL/hr (Standard) | *CRRT Type: CVVHD | *Treatment Length: Continuous 24 hours

*Initial Net Fluid Loss (mL/hr): 50 | *Dialysate Flow Rate: 2L/hr (Standard) | *Fluid Balance Initial Net: Negative

Other (Specify): | *Fluid Balance Target Net: Negative | *Target Net Fluid Loss (mL/hr): 150

- Click Orders for Signature.

4 Orders For Signature

- Click Sign.

5 Sign

Modifying Infusion Rates

- Left-click on the current Anticoagulation Subphase to open the order.

Choose Anticoagulation

1 Regional Citrate ACD-A Anti-coagulation Initiated

- Right-click on the solution order.

- Select Modify.

- 2** Anticoagulant Citrate Dextrose ACD Formula A 1000 300 mL/hr, TITRATE mL* 1,000 mL Run at 1.5 x the bloc
- Calcium Chloride Additive 5000 mg 5,000 Chloride 0.9% IV SOLN CRRT 200 mL **3** Renew
Modify

- Click the Details tab.

- Enter a new infusion rate.

- Click the down arrow to hide the order details.

6 Details for **Anticoagulant Citrate Dextrose**

4 Details | Continuous Details | Order Comments

*Initial Rate of Infusion: **300** **5**

- Click Return to Initiate Phase.

7 Return to Initiate Phase

- Click Orders for Signature.

8 Orders For Signature

- Click Sign.

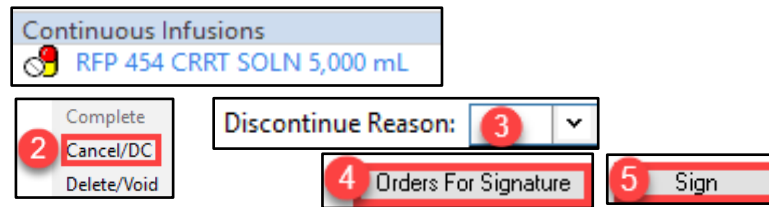
9 Sign

Changing Solution or Medication Orders

The **previously ordered solution or medication orders must be discontinued** before entering Change Phase orders.

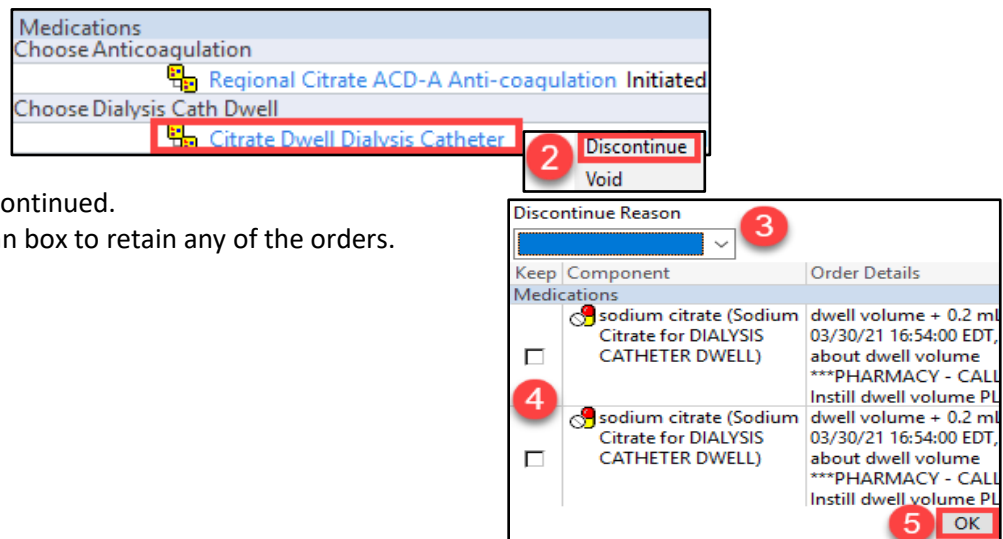
To Discontinue a Solution:

1. Right-click on the order.
2. Select Cancel/DC.
3. Select a Discontinue Reason.
4. Click Orders for Signature.
5. Click Sign.



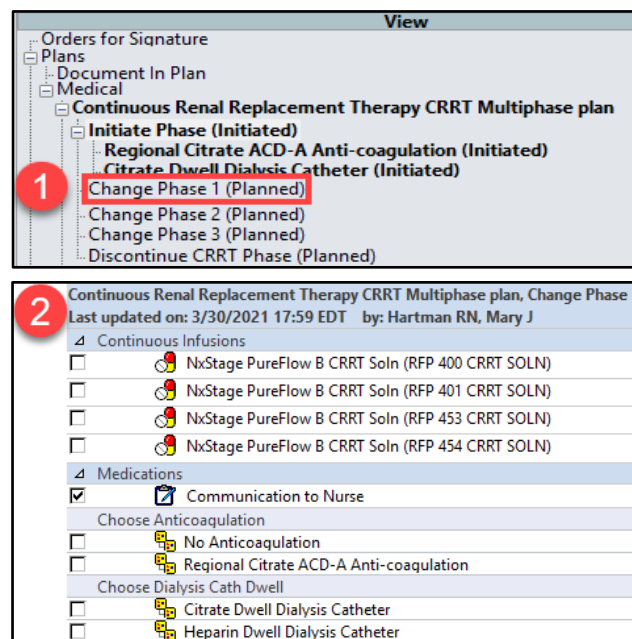
To Discontinue Medication Orders:

1. Right-click on the order.
2. Select Discontinue.
3. Select a Discontinue Reason.
4. Review the orders being discontinued.
 - a. Click the Keep column box to retain any of the orders.
5. Click OK.
6. Click Sign.



To Initiate a Change Phase:

1. Click Change Phase 1 from the Orders View.
2. Select the new orders.
3. Click Initiate Now.
4. Click Sign.



Note: A new Change Phase will need to be initiated for additional changes to solutions or medications.