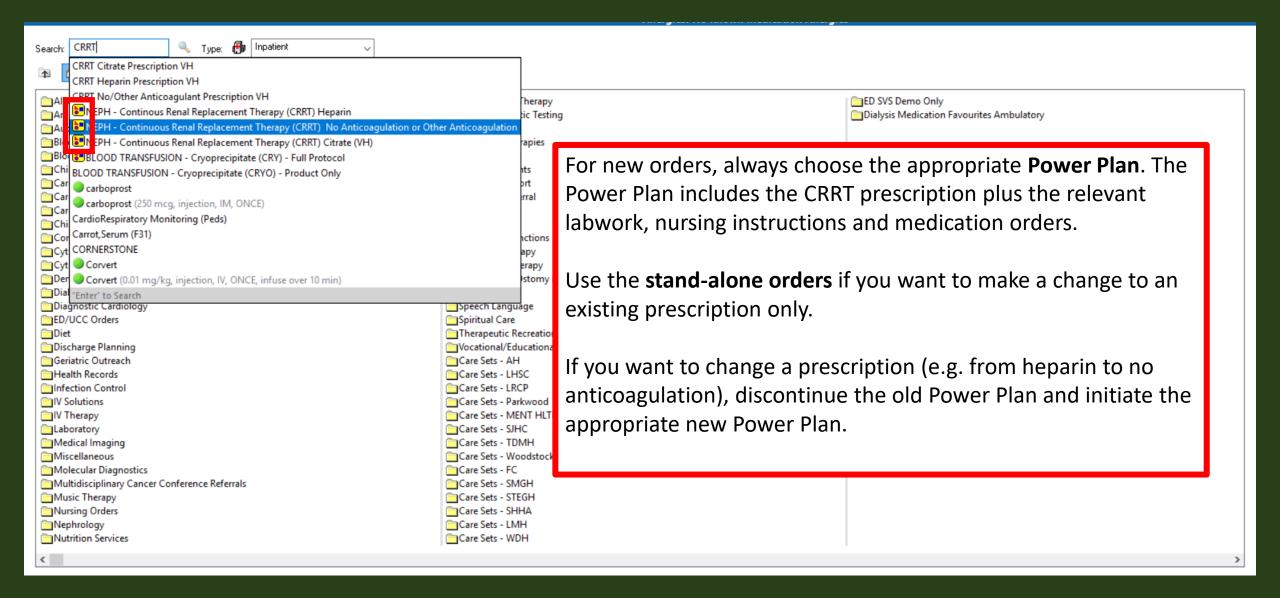
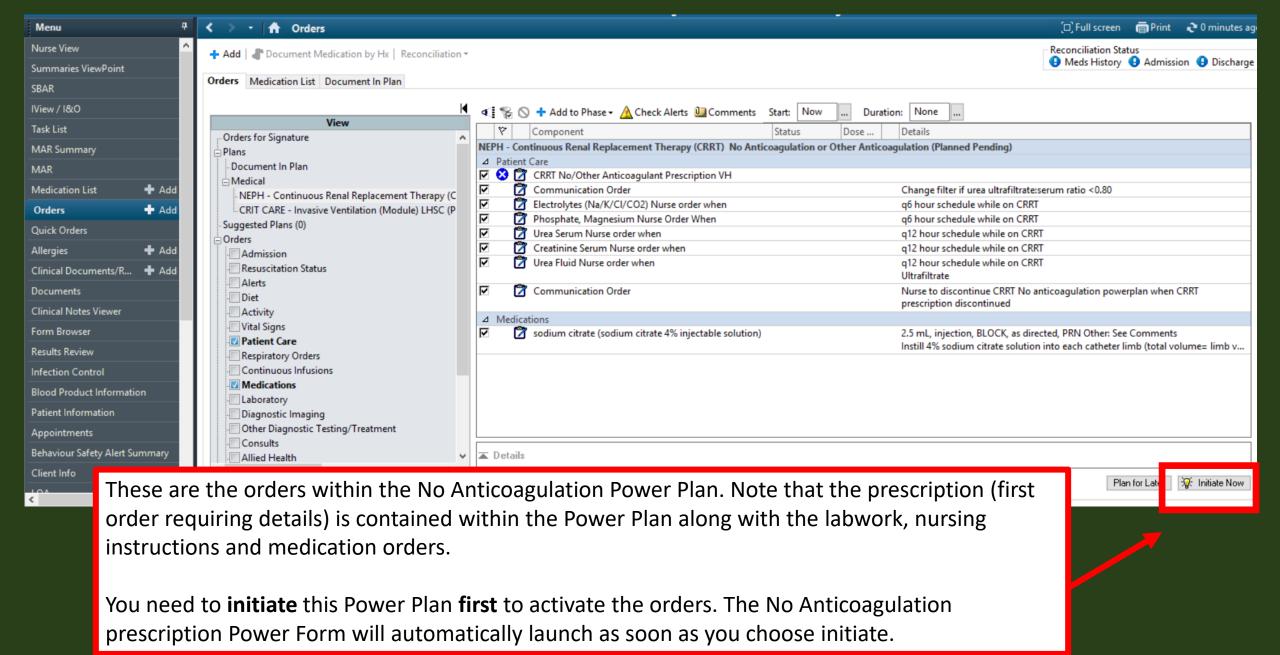
## Entering CRRT Orders in Power Chart No Anticoagulation

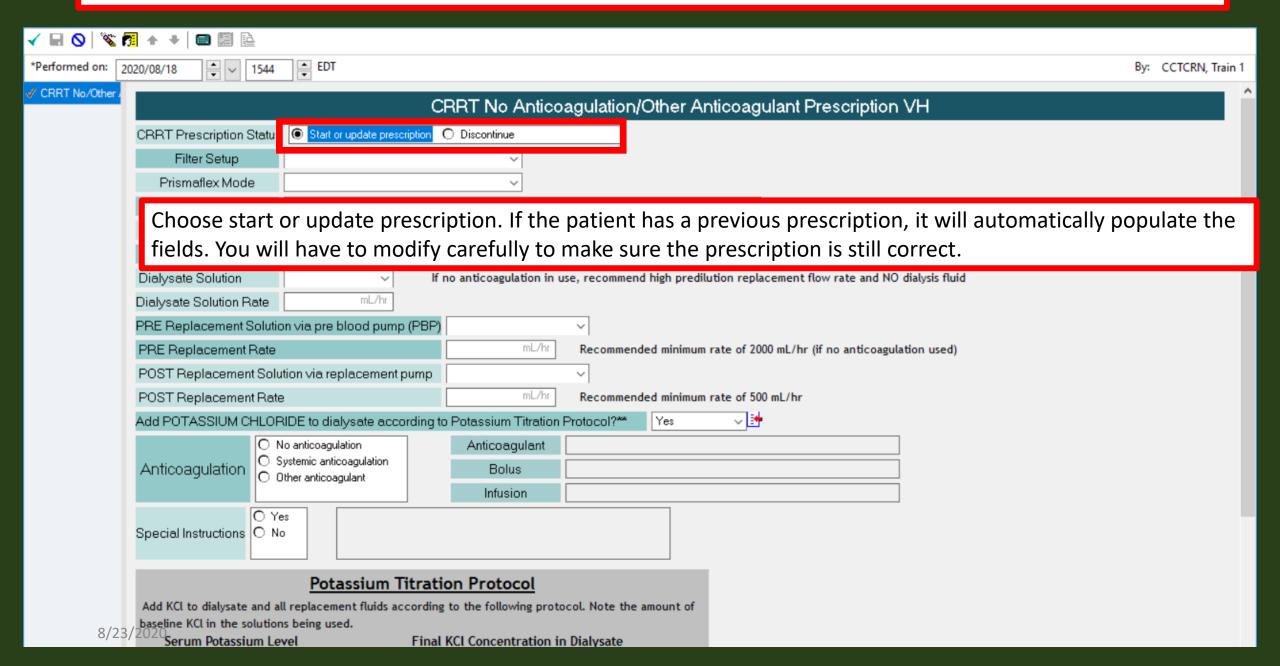
Use these orders for no anticoagulation (using predilution for filter anticoagulation).

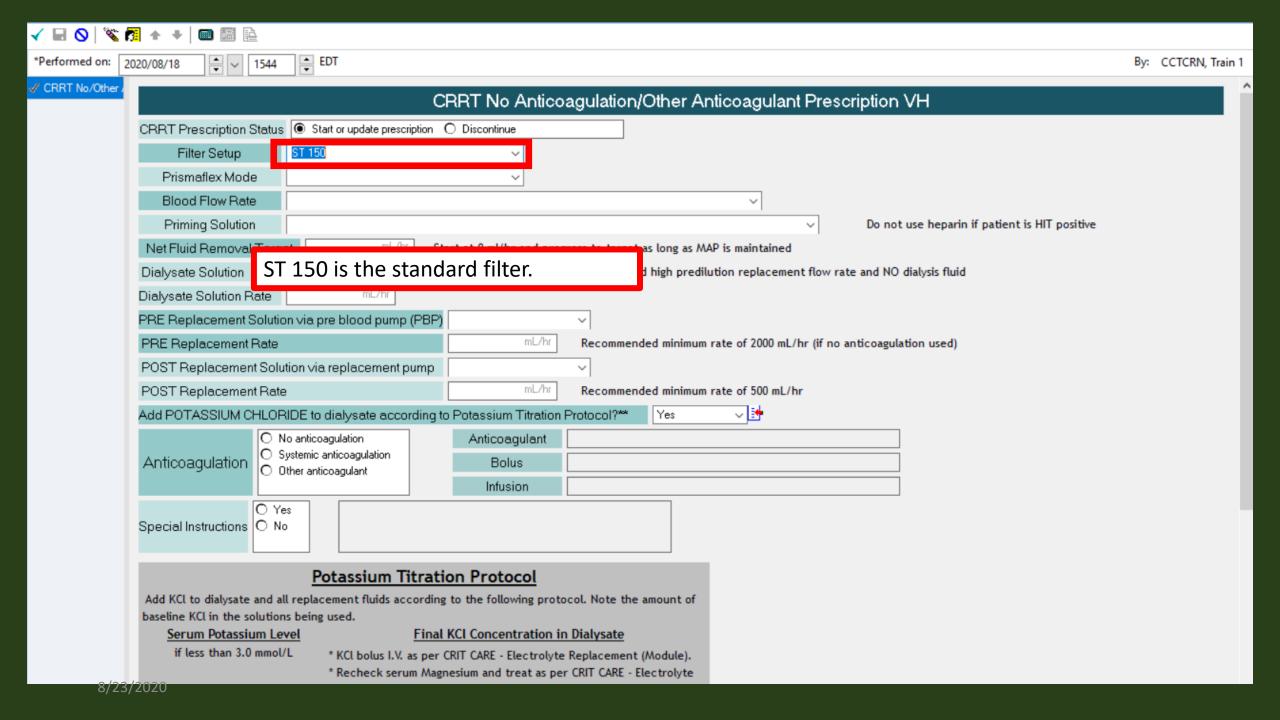
Use these orders for patients who are receiving therapeutic systemic anticoagulation with no additional heparin via CRRT circuit.

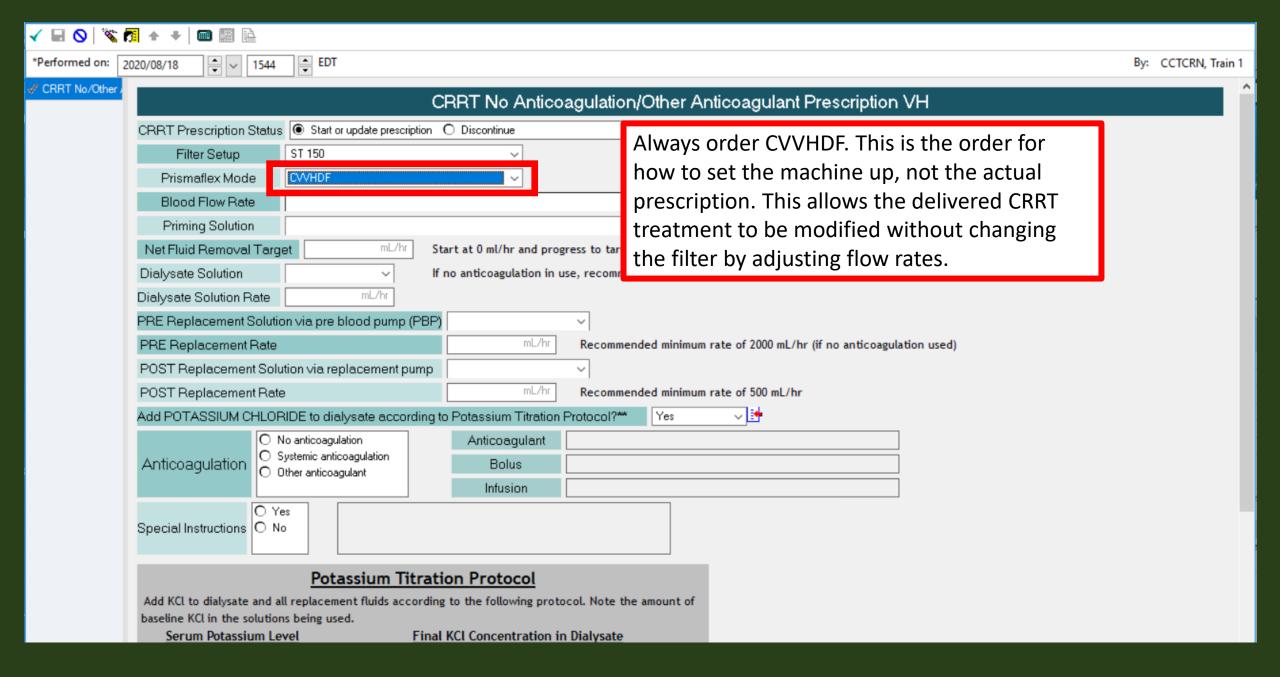


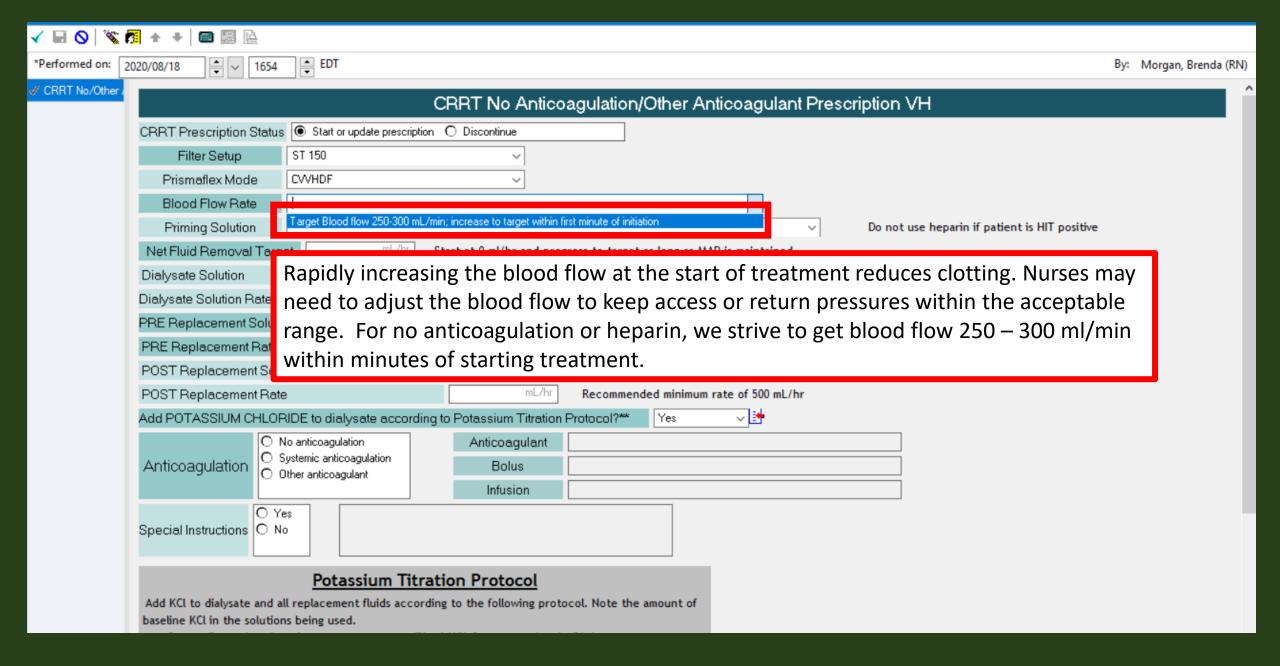


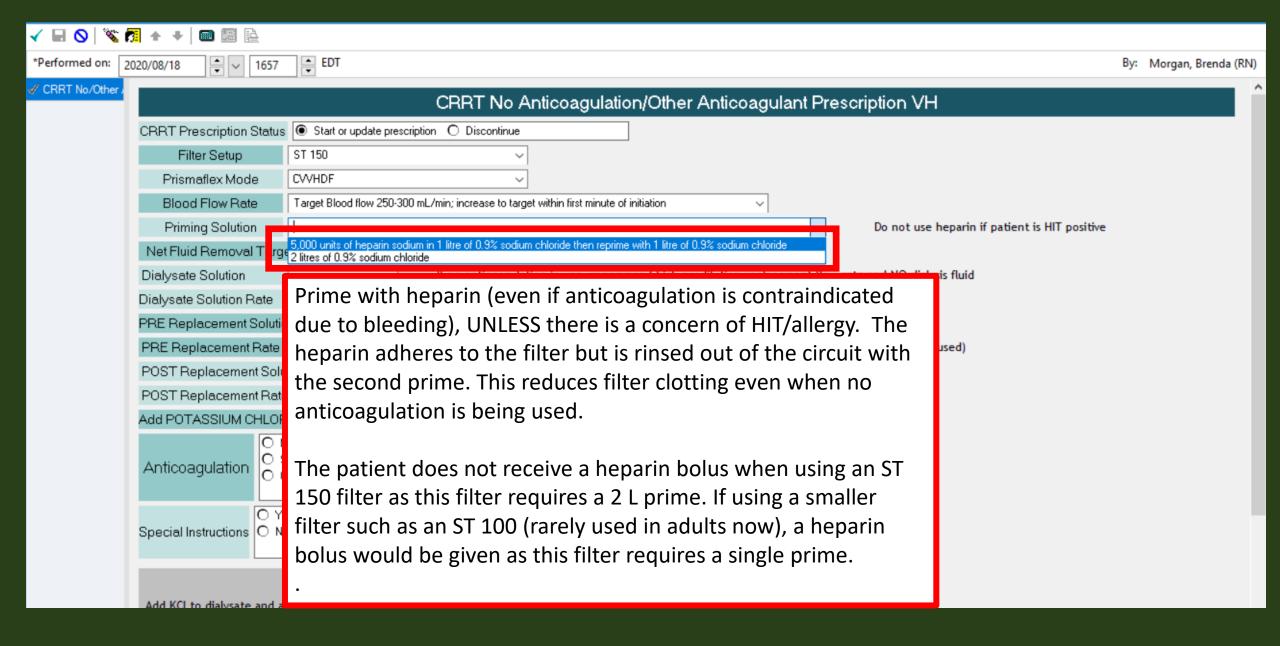
## This Power Form launches automatically once you select initiate order.

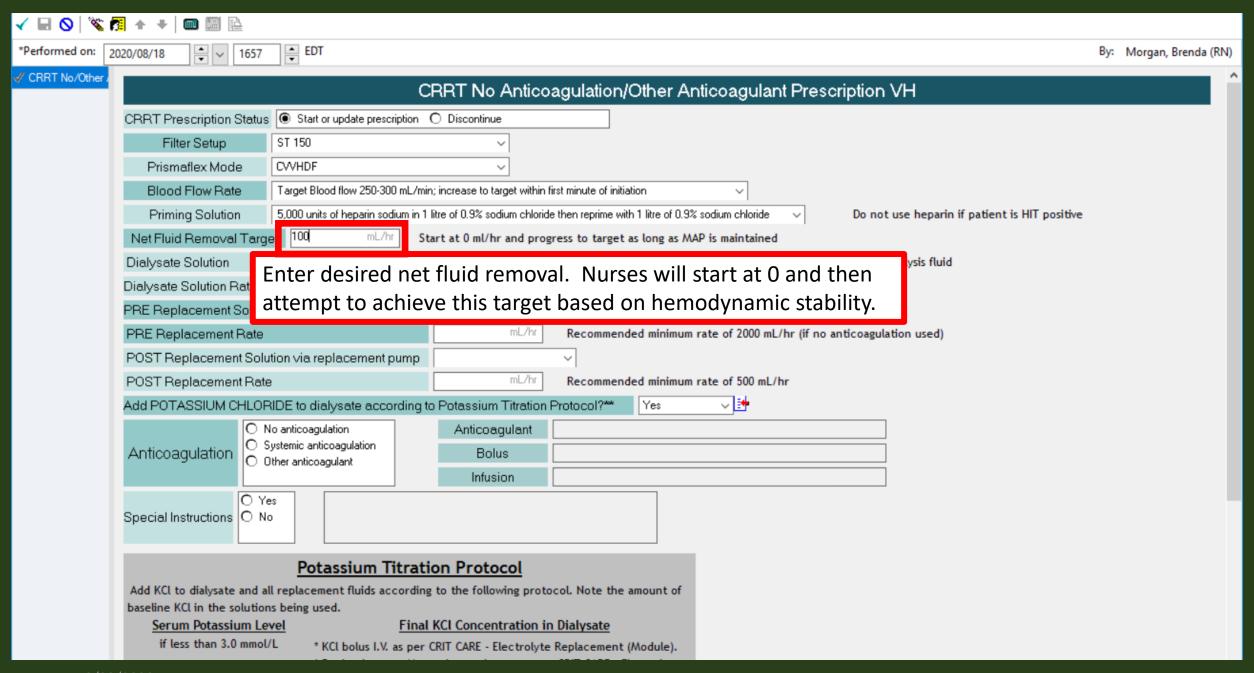


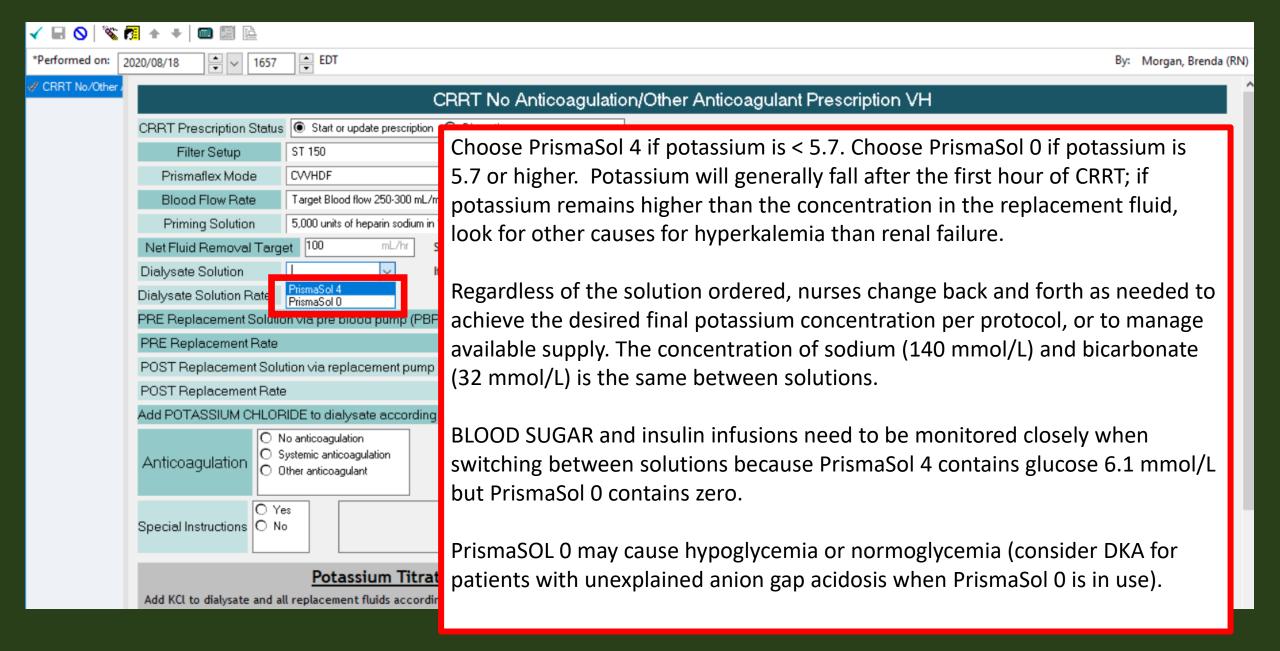












BEFORE RECONSTITUTION Each 1000 mL contains	Prisma SOL 0	Prisma SOL 4	Prism 0CAL
Compartment A			
Sodium bicarbonate			58.8 g
Magnesium chloride, hexahydrate	2.033 g	2.036 g	
Lactic acid	5.4 g	5.4 g	
Calcium chloride dihydrate	5.145 g	5.148 g	
Glucose anhydrous		24.2 g	
Compartment B			
Lactic acid			0.284 g
Magnesium chloride, hexahydrate			0.108 g
Sodium chloride	6.45 g	6.45 g	6.449 g
Sodium bicarbonate	3.09 g	3.09 g	
Potassium chloride		0.314 g	

AFTER RECONSTITUTION		Prisma SOL 0		Prisma SOL 4		Prism 0CAL	
		mmol/L	mEq/L	mmol/L	mEq/L	mmol/L	mEq/L
Calcium	Ca <sup>2+</sup>	1.75	3.50	1.75	3.50		
Magnesium	Mg <sup>2+</sup>	0.5	1.0	0.5	1.0	0.5	1.0
Sodium	Na+	140	140	140	140	140	140
Chloride	CI-	109.5	109.5	113.5	113.5	106	106
Lactate		3.0	3.0	3.0	3.0	3.0	3.0
Bicarbonate	HCO₃⁻	32	32	32	32	32	32
Potassium	K+	0	0	4.0	4.0	0	0
Glucose		0	0	6.1		0	0

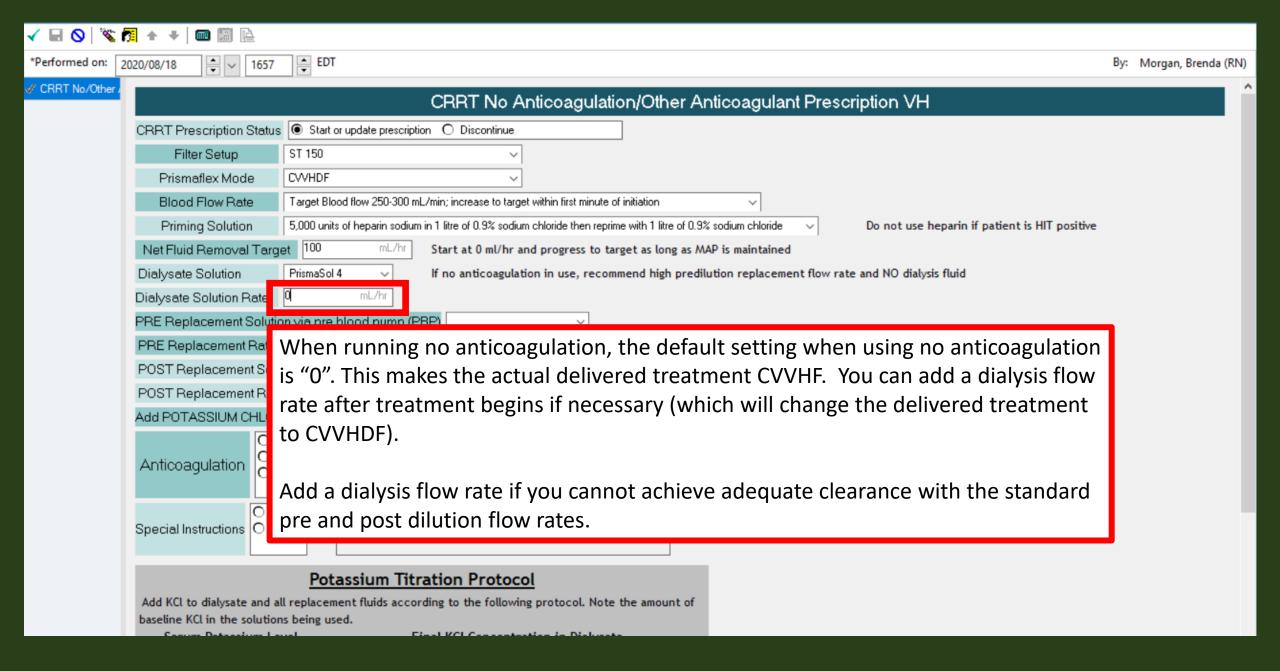
These are the 3 solutions that are stocked in CCTC. The two used for No Anticoagulation or Heparin are highlighted.

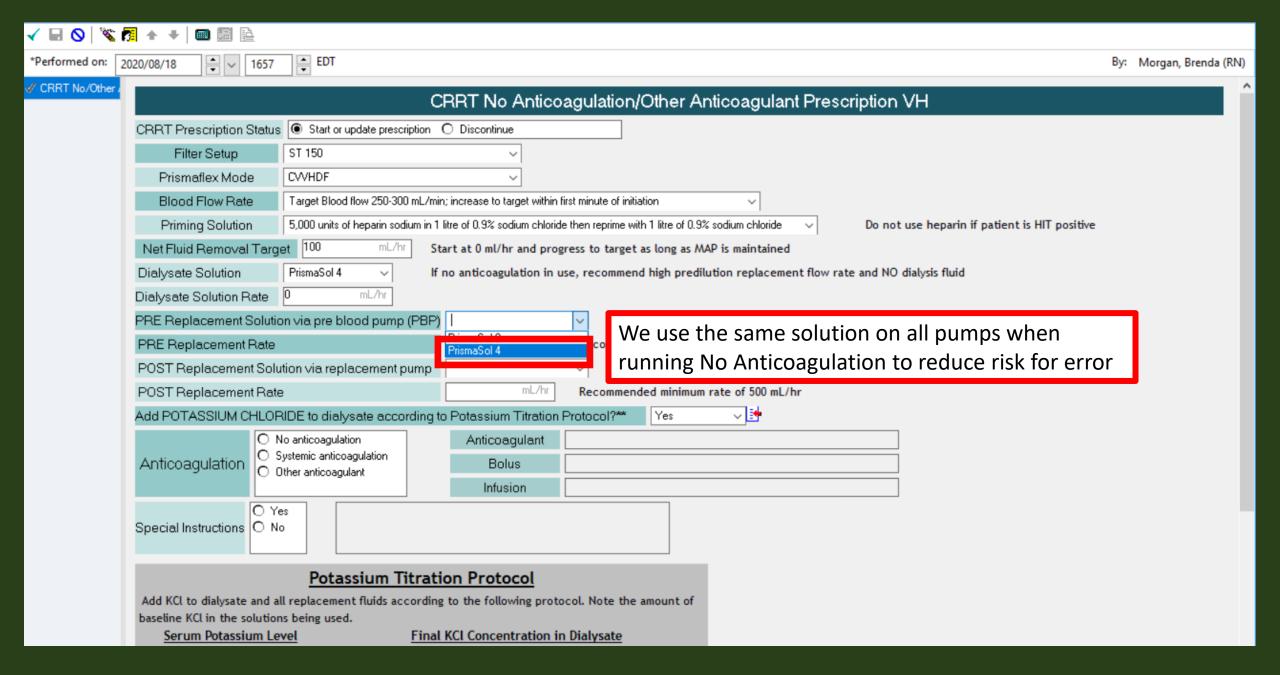
Prism OCAL is a calcium free product used only with citrate. Note that all 3 solutions contain the same final concentration of bicarbonate and sodium. They all contain 3 mmol/L of lactate which is added for pH adjustment; the lactate is metabolized to bicarbonate. Potassium is added by the nurse to achieve a minimum concentration of 2 mmol/L by protocol.

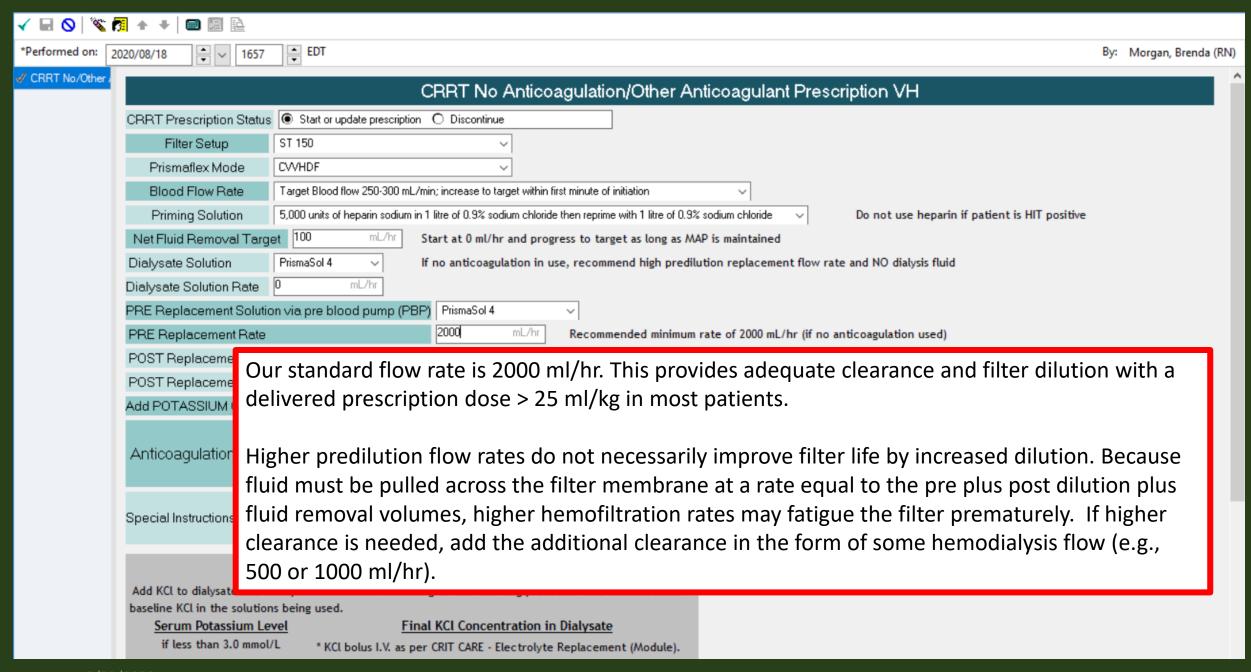
Each 5 L bag is divided into 2 compartments (250 mL upper and 4750 lower compartments). These must be mixed together at the time the solution is hung (stability is only 24 hours once mixed).

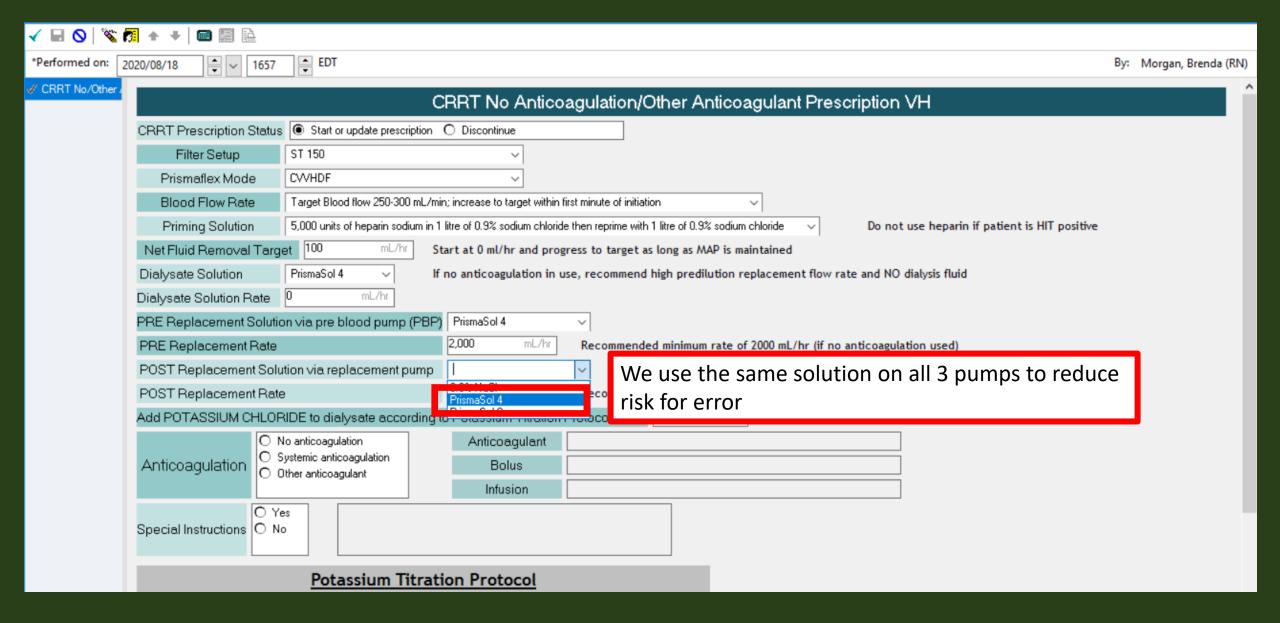
Refer to the "AFTER RECONSTITUTION" for the final concentration of electrolytes.

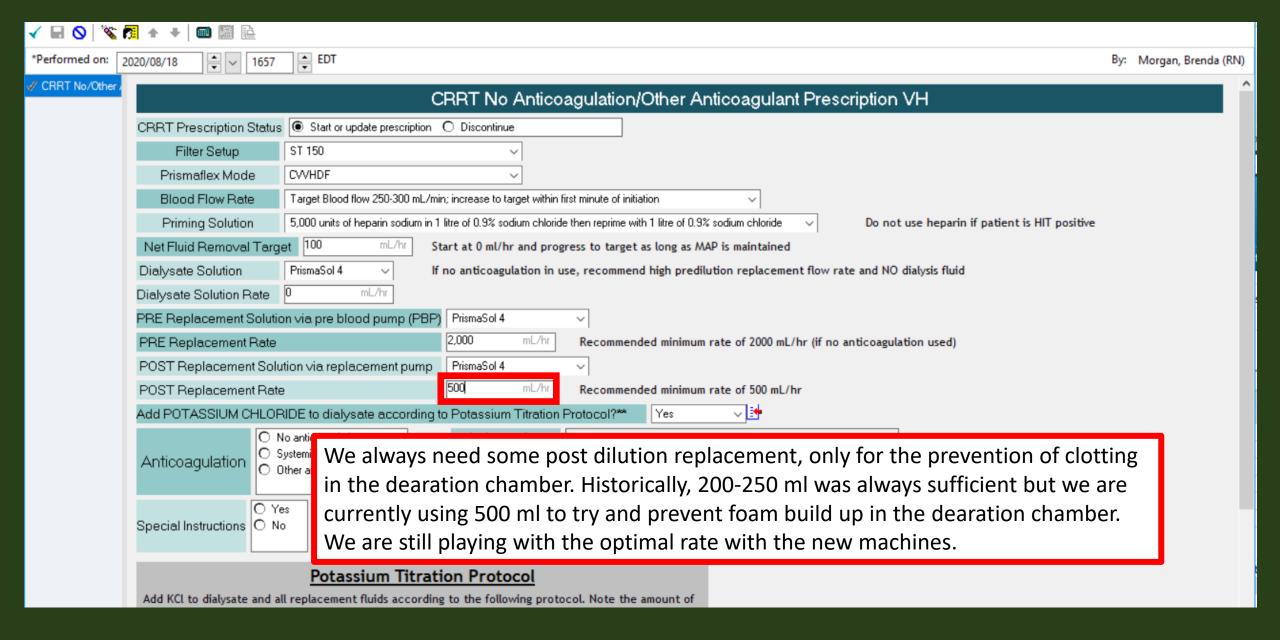
Failure to break the seal between the bags will change the concentration to that of the lower compartment only. The machine will also enter an alarm mode, potentially drawing in air from the bag as it assumes there is 5 L on the scale (but only 4750 is accessible).

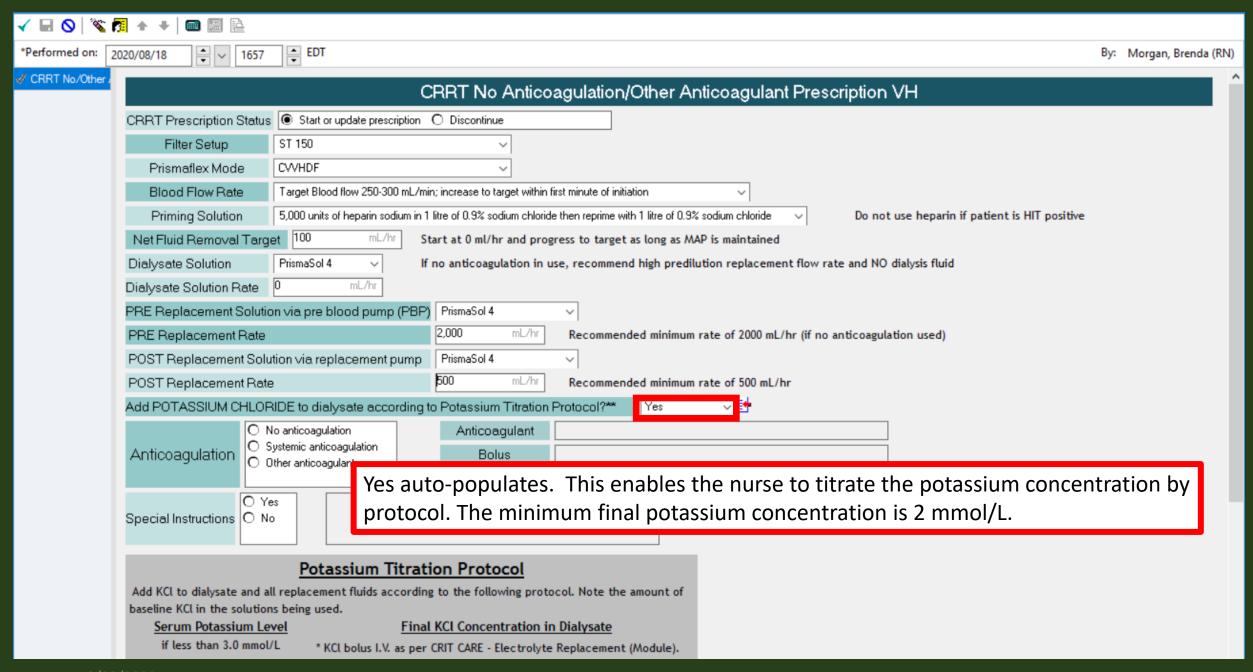


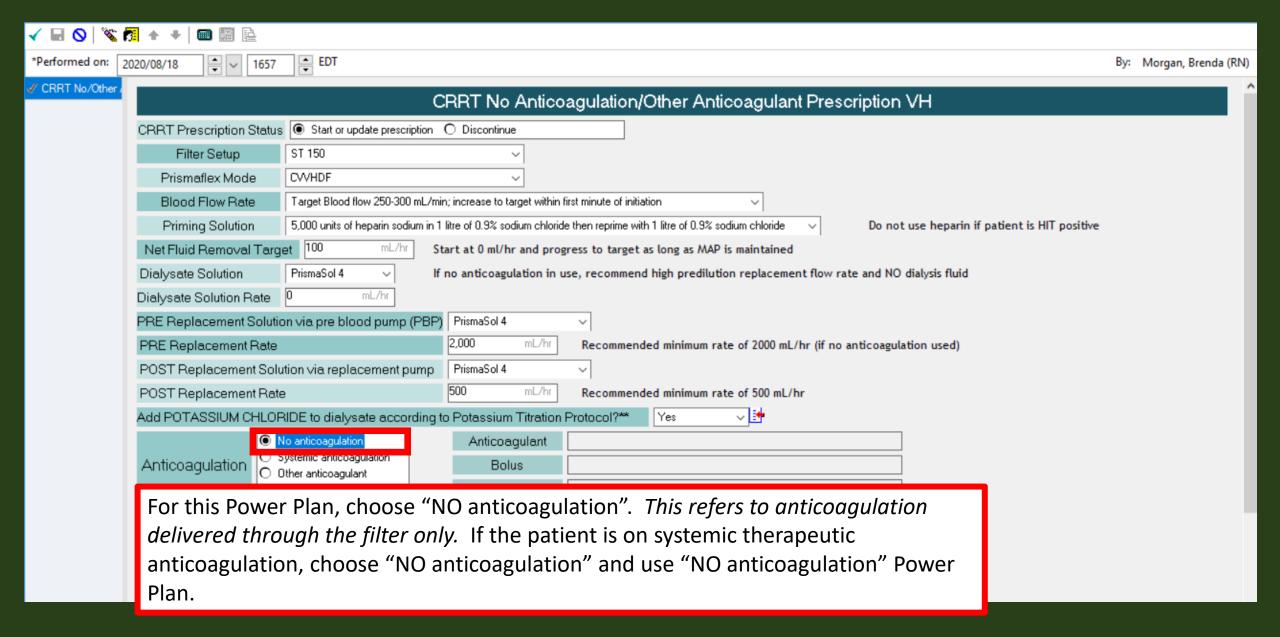


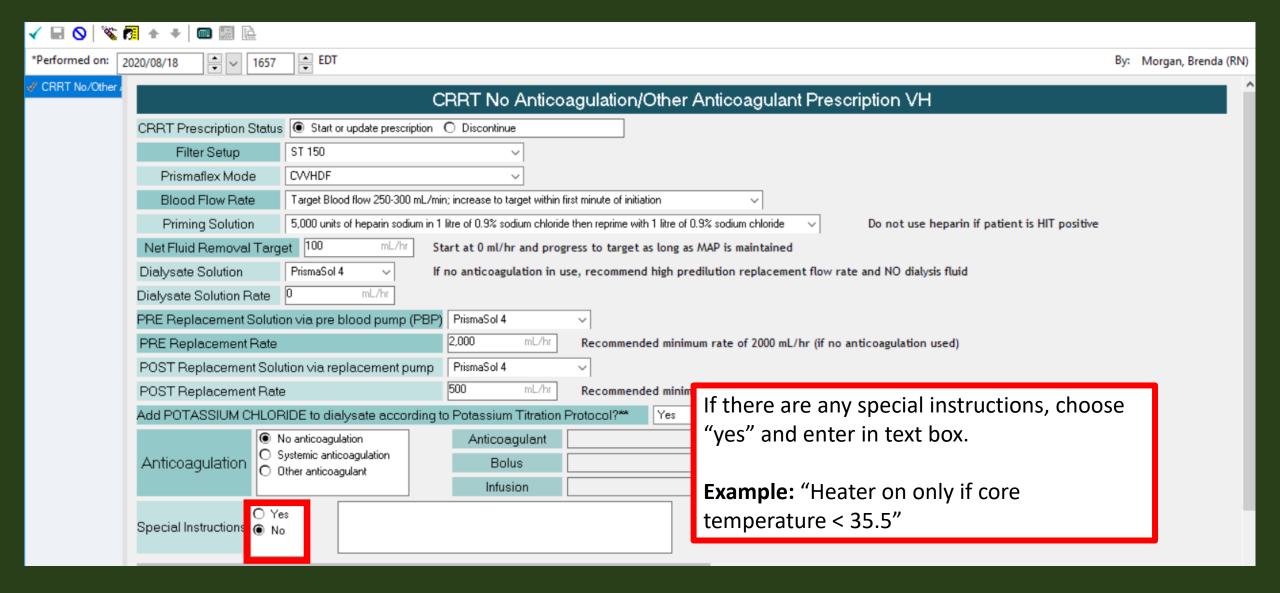












All titration protocols appear at the end of the Power Form. These are also available on the CCTC website and are printed by nurses for ease of use.

## **Potassium Titration Protocol**

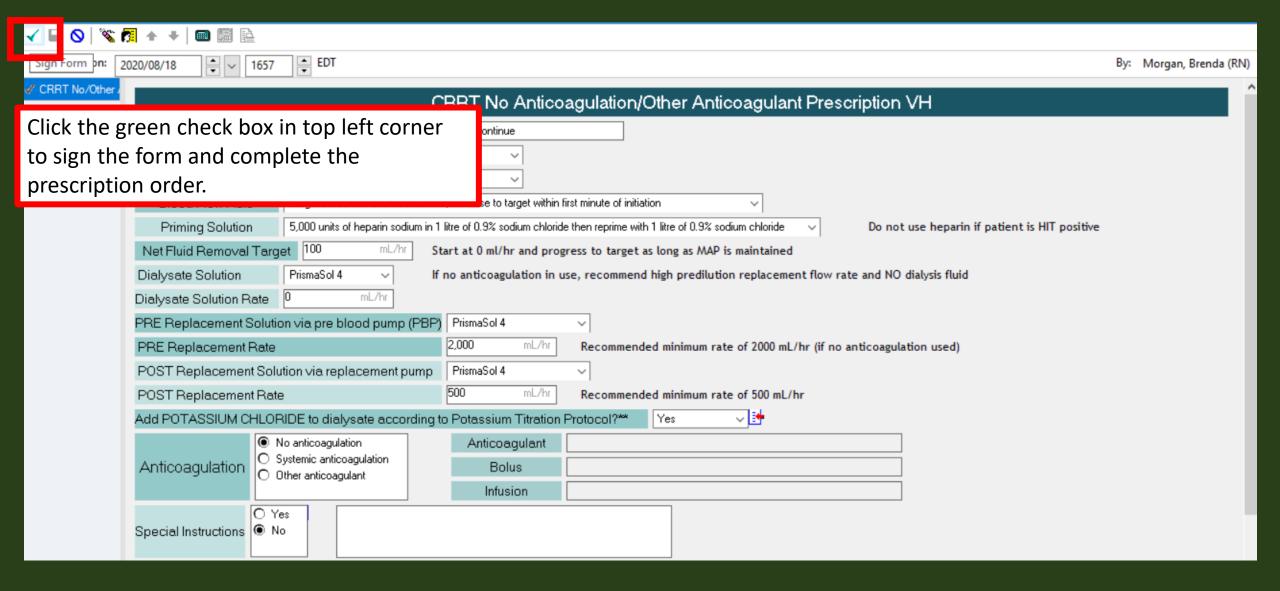
Add KCl to dialysate and all replacement fluids according to the following protocol. Note the amount of baseline KCl in the solutions being used.

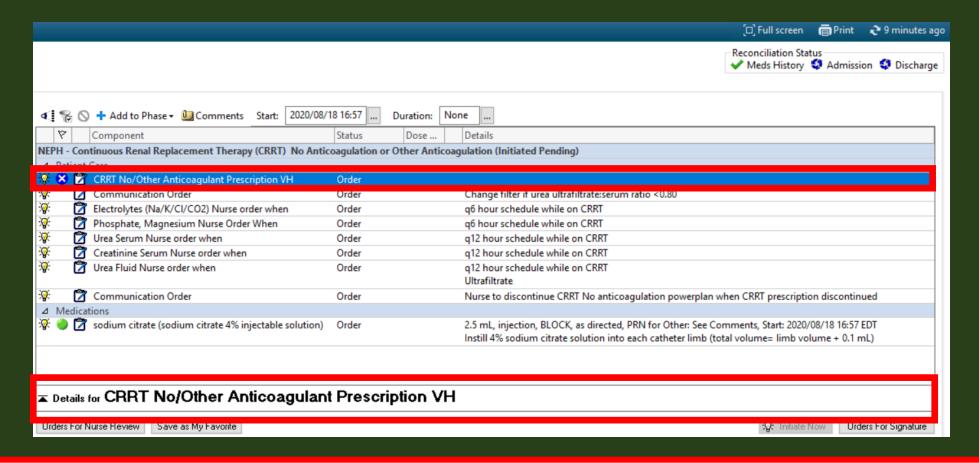
Serum Potasium Level	Final KCI Concentration in Dialysate
if less than 3.0 mmol/L	* KCl bolus I.V. as per CRIT CARE - Electrolyte Replacement (Module).
	* Recheck serum Magnesium and treat as per CRIT CARE - Electrolyte Replacement (Module)
	* KCl to equal 6 mmol/L
	* Notify Nephrology and Critical Care if repeat potassium level is < 3.0 mmol/L
if 3.0 - 3.4 mmol/L	KCl to equal 5 mmol/L
if 3.5 - 4.5 mmol/L	KCl to equal 4 mmol/L
if 4.6 - 5.0 mmol/L**	KCl to equal 3 mmol/L
If 5.1 - 6.0 mmol/L**	KCl to equal 2 mmol/L
if greater than 6.0 mmol/L**	Notify Nephrology and Critical Care if repeat potassium level is > 6 mmol/L

<sup>\*\*</sup> If serum potassium is 4.6 - 5.6 mmol/L at the start of dialysis, the treatment may be started using Prismasol 4. Repeat the serum potassium 1 hour after treatment is started.

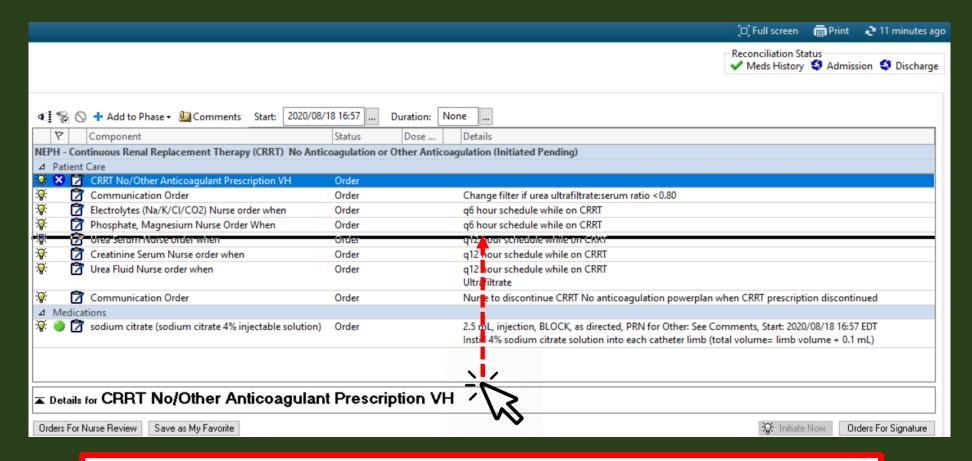
If potassium remains greater than 4.6 mmol/L change solution to PrismaSol 0 and add appropriate KCl as per protocol.

If the serum potassium remains above 5 mmol/L with dialysis KCl 2 mmol/L, notify Nephrology and Critical Care to review possible causes for persistent hyperkalemia.

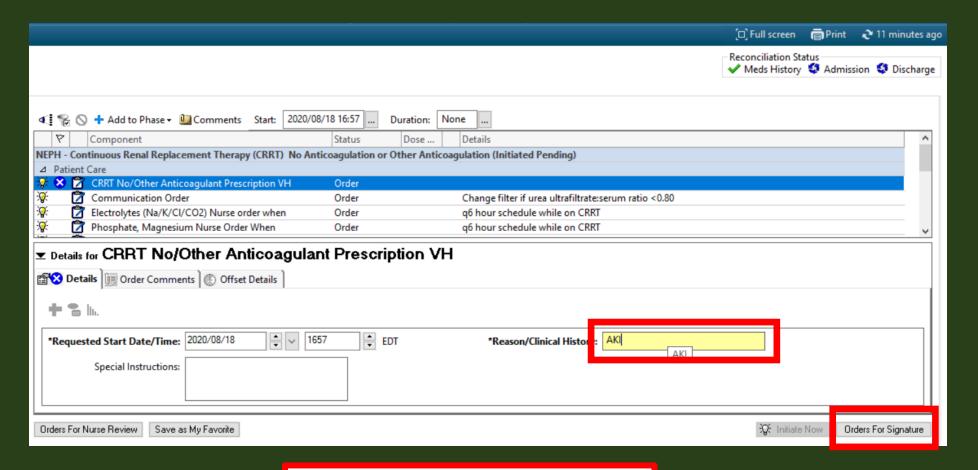




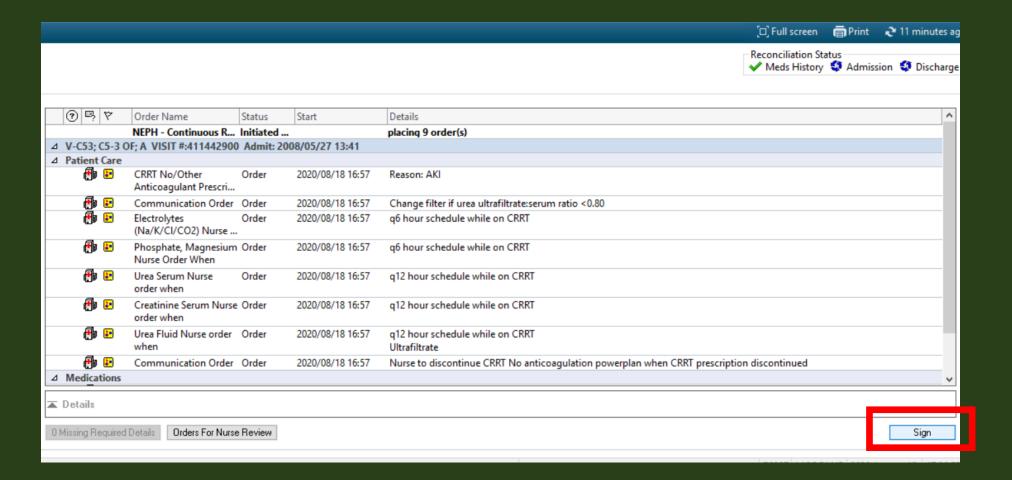
You will be brought back to this page to sign the orders You will not be able to sign until you enter a reason for initiation of CRRT in the details section. If the highlighted Reason/Clinical History box does not appear, click on the CRRT No Anticoagulation Prescription at the top.



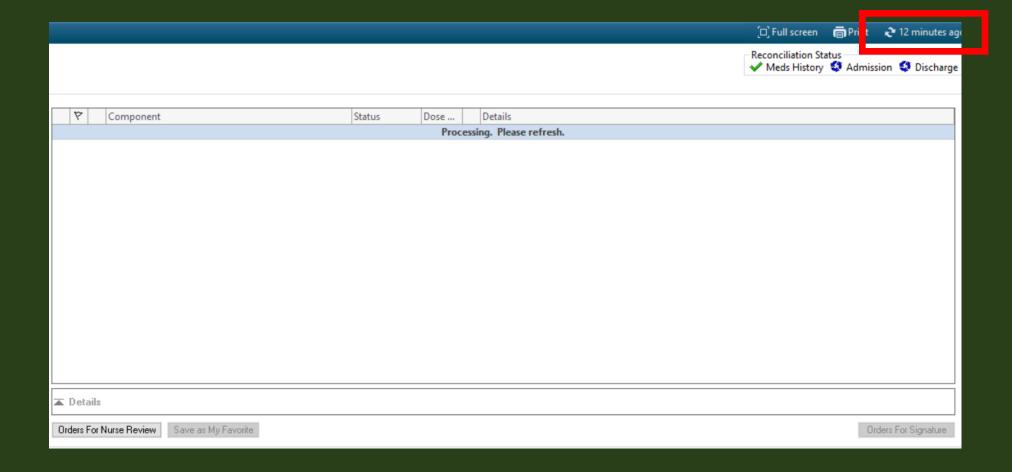
The detail box may be difficult to view. If you cannot see the details, drag the box up to make it visible.



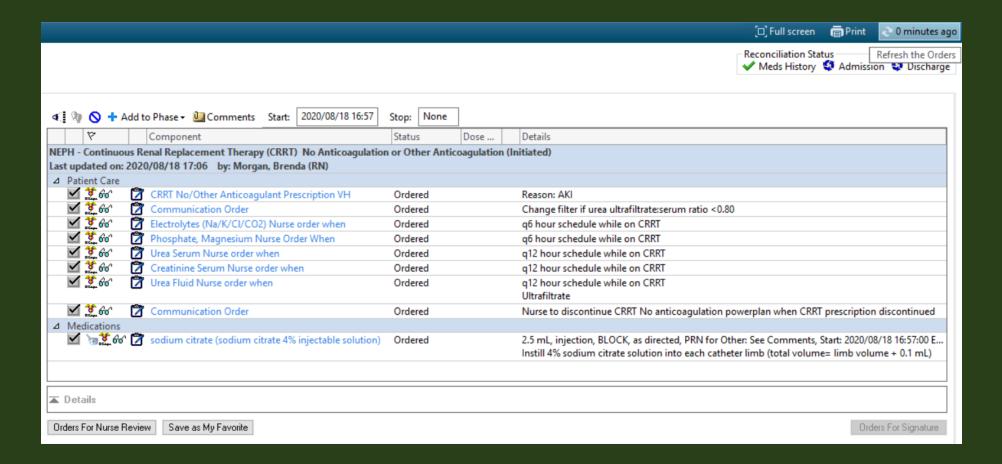
Enter a reason for starting CRRT then choose "order for signature".



Sign the Order



Refresh



Orders have been completed