

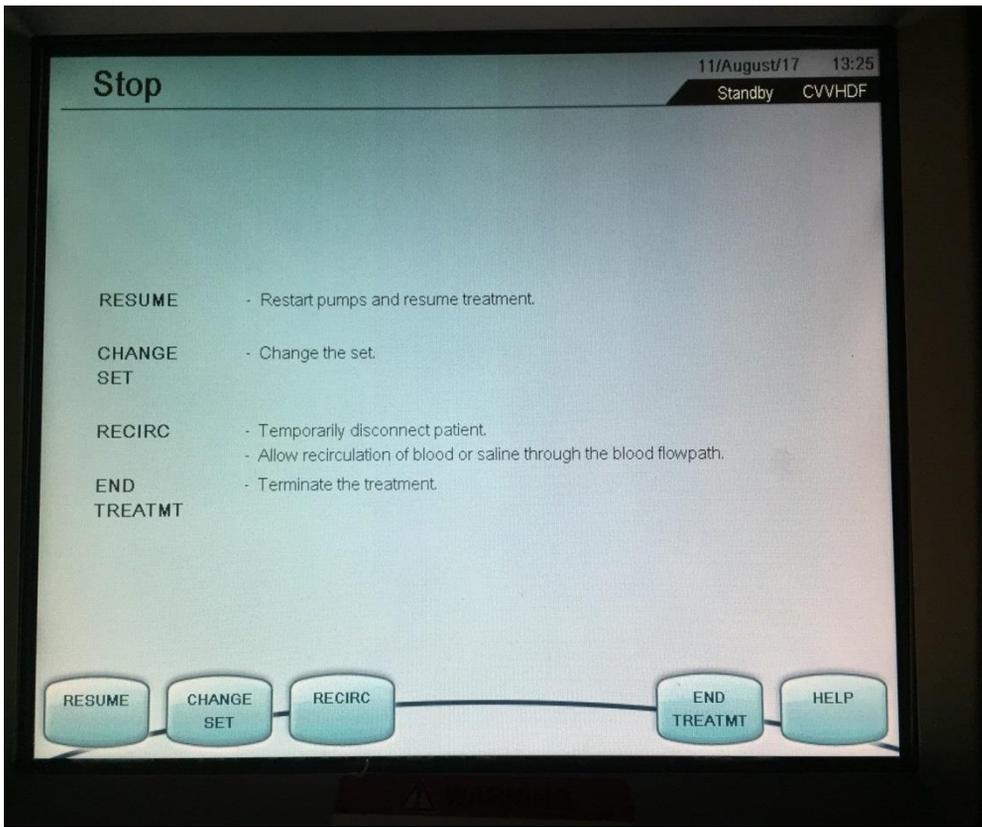
# CRRT Recirculation

## Supplies needed:

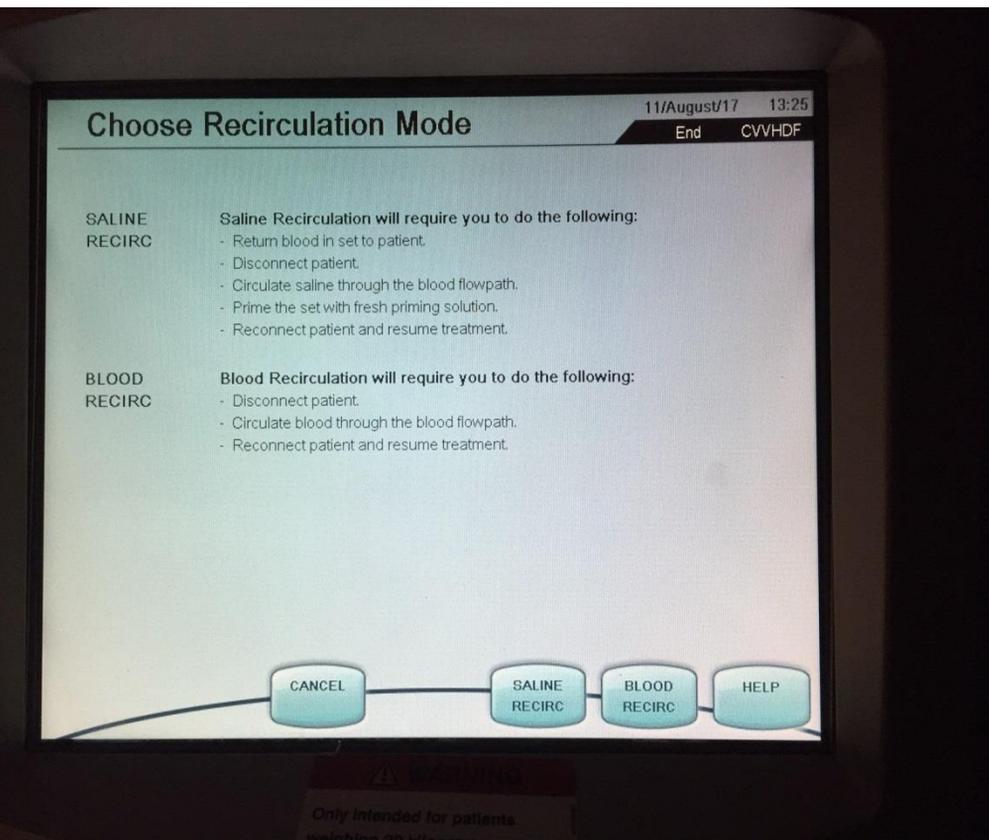
- 2L NS
- Y-line extension
- Additional Effluent bag
- 2x10 mL NS flushes

## Indications:

- Circuit without evidence of significant clotting and >8 hours from scheduled (72 hr) circuit change
- Patient travel off unit for short term procedure/tests (< 2 hours)



- Press **STOP**
- Choose **RECIRC**



- Choose **SALINE RECIRC**

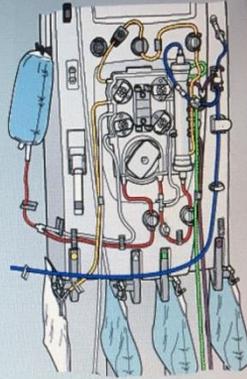
## Prepare to Return Blood

11/August/17 13:26

End CVVHDF

**Warning: Do not return blood if clotting is present in blood lines or filter. In that case, press DISCONNECT and follow the instructions.**

- Hang a bag of sterile saline on priming hook.  
Connect a Y-line to priming solution.
- Prime Y-line with priming solution.  
Clamp both Y-line extension.
- Clamp access line.  
Disconnect line from patient (or other blood access).
- Connect access line to saline bag using the Y-line.  
Unclamp access line.



Press CONTINUE when ready to proceed.

CANCEL

DIS-  
CONNECT

CONTINUE

- Use a **Y-line extension** and 1 L saline

## Return Blood

11/August/17 13:27

End CVVHDF

**Warning: Do not return blood if clotting is present in blood lines or filter. In that case, press DISCONNECT and follow the instructions.**

The return disconnection monitoring is not active. Monitor closely.

### Actions:

- Verify blood return setup below. Press SETTINGS to modify, if necessary.
- Press AUTO RETURN or press and hold MANUAL RETURN to return the desired amount of blood.
- Press CONTINUE when completed.

### Blood Return Status

Blood Return Rate	100 ml/min
Auto Return Volume	190 ml
Blood volume in set	189 ml
Estimated Volume Returned	0 ml

SETTINGS

AUTO  
RETURN

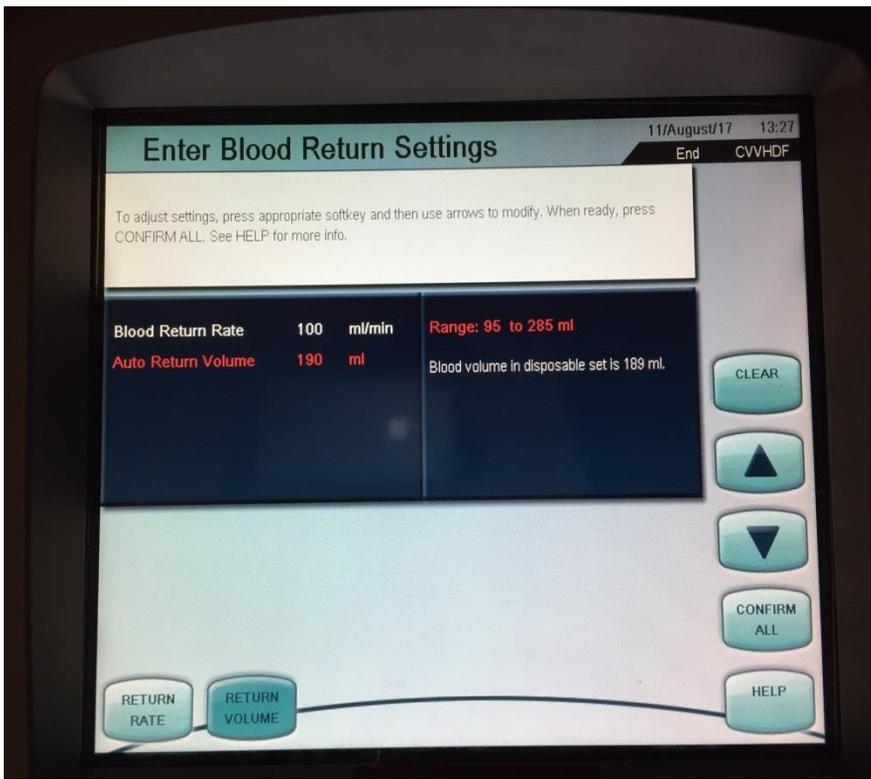
MANUAL  
RETURN

DIS-  
CONNECT

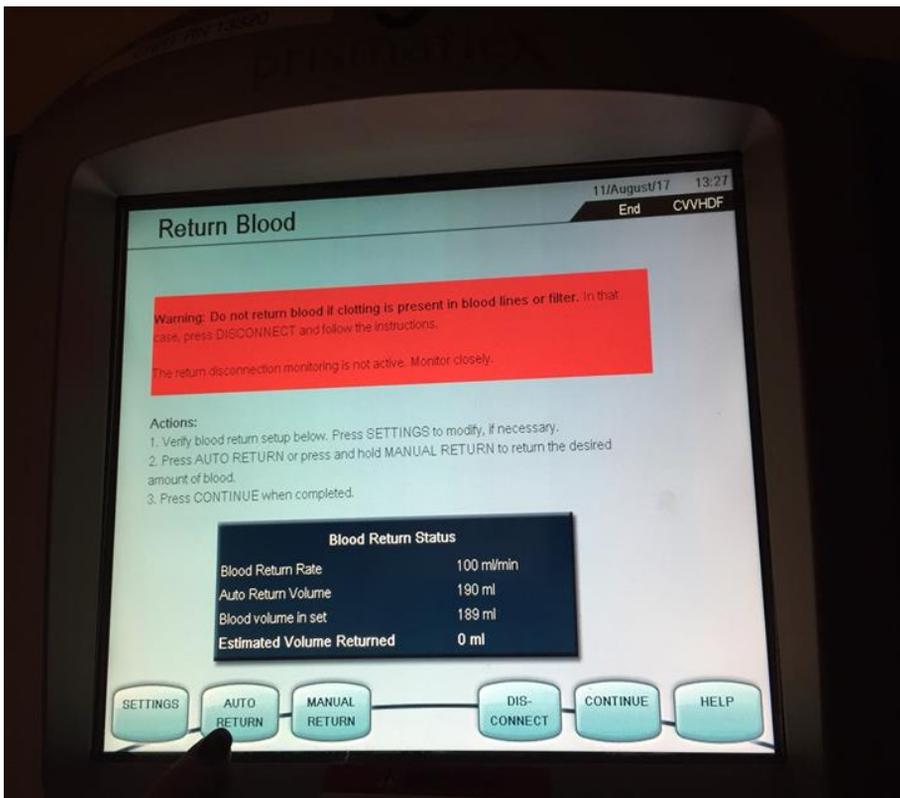
CONTINUE

HELP

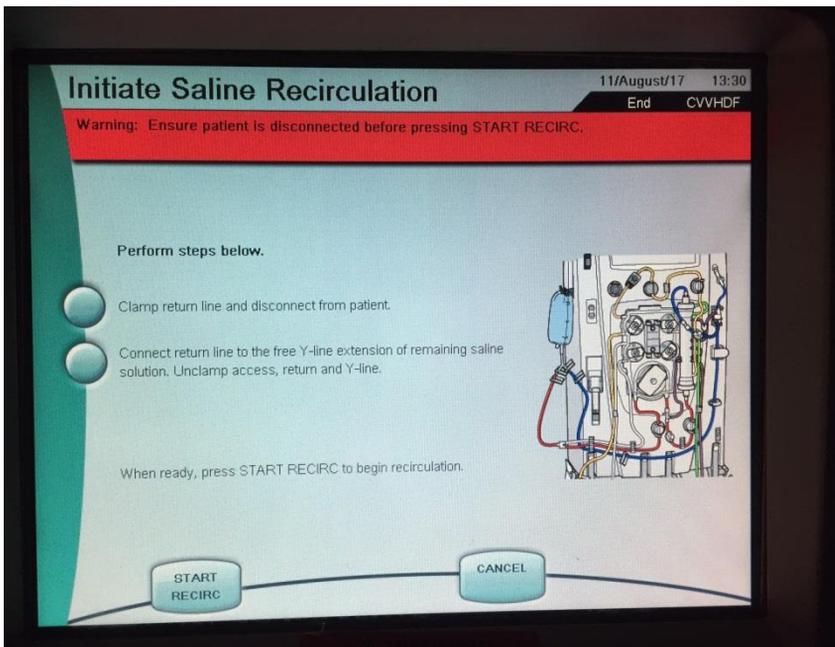
- Choose **SETTINGS** to set the auto return values



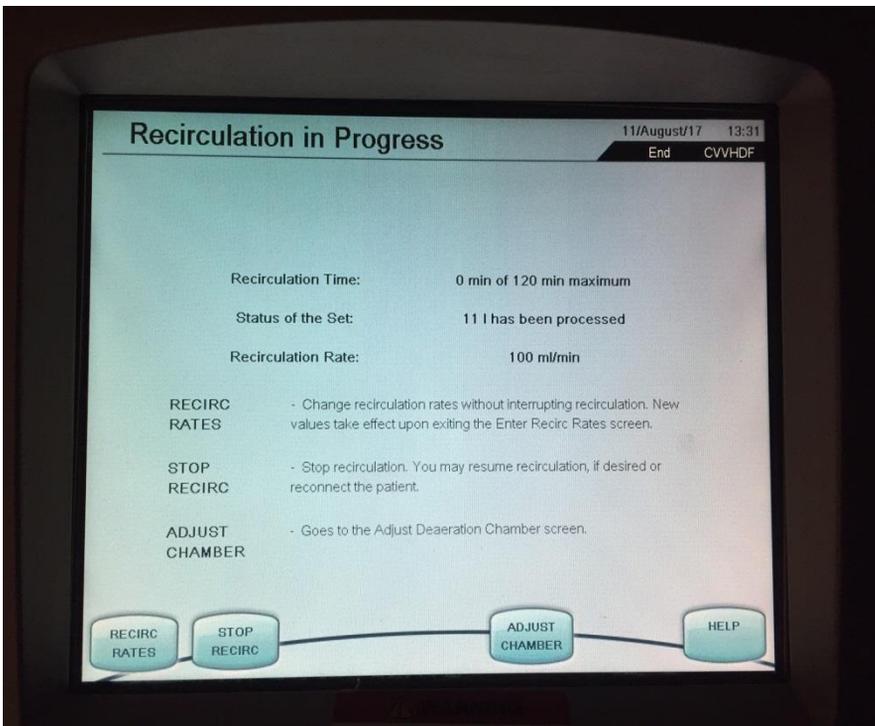
- Set **return rate** to 100
- Set **return volume** to 190
- Choose **CONFIRM ALL**



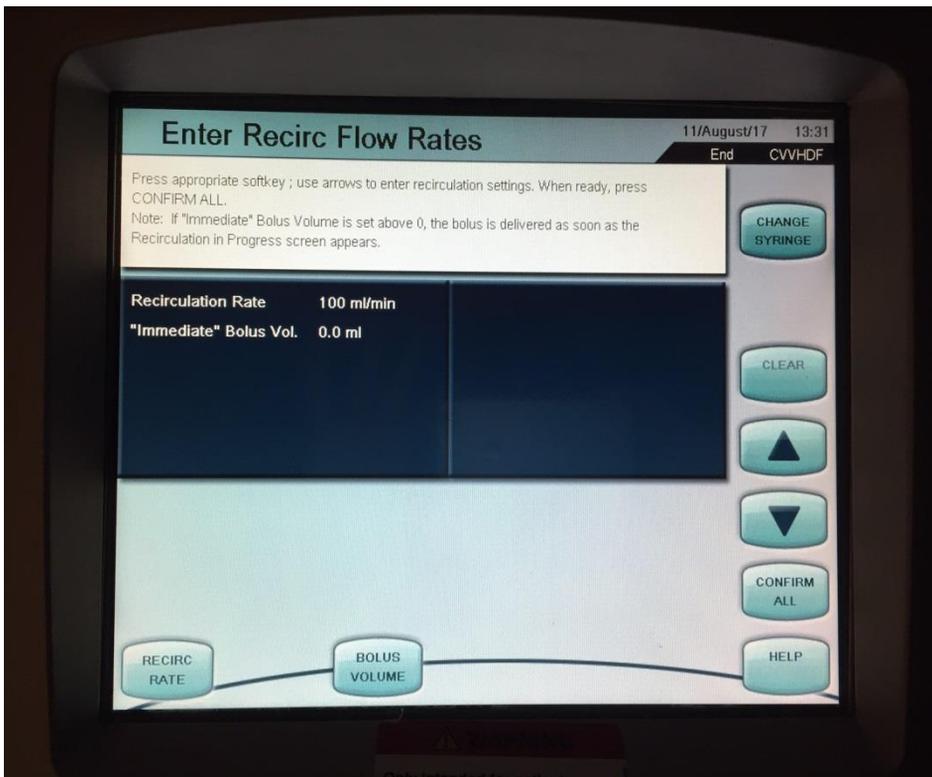
- Choose **AUTO RETURN**
- Once blood return completed, choose **CONTINUE**



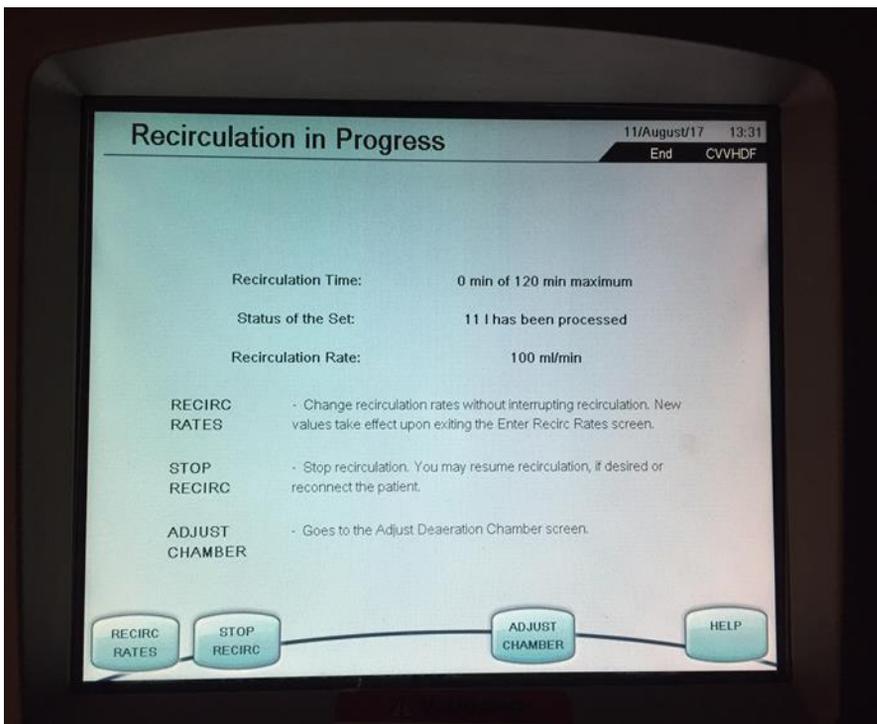
- Disconnect return line from patient
- Connect to Y-line extension
- Choose **START RECIRC**



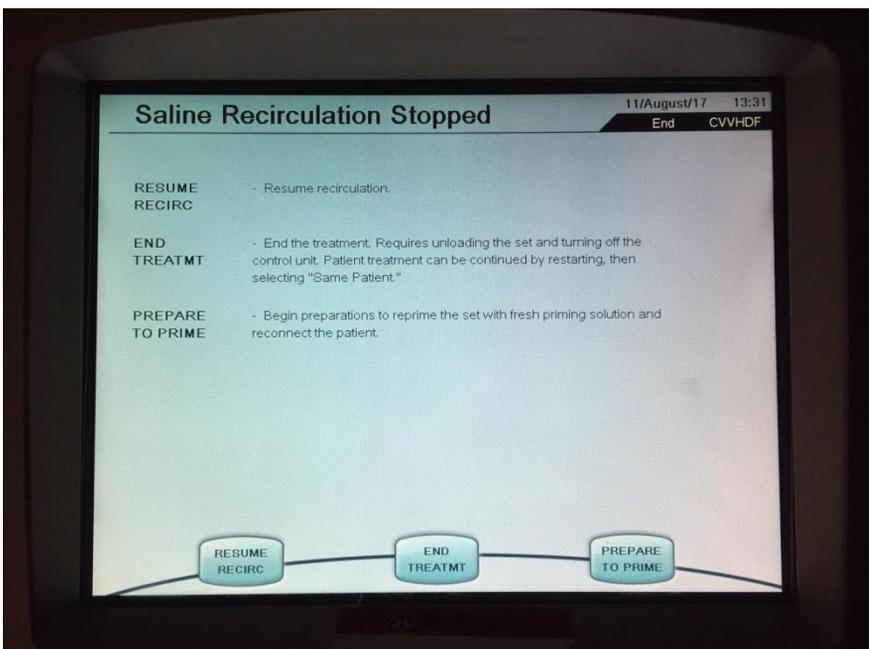
- Choose **RECIRC RATES**



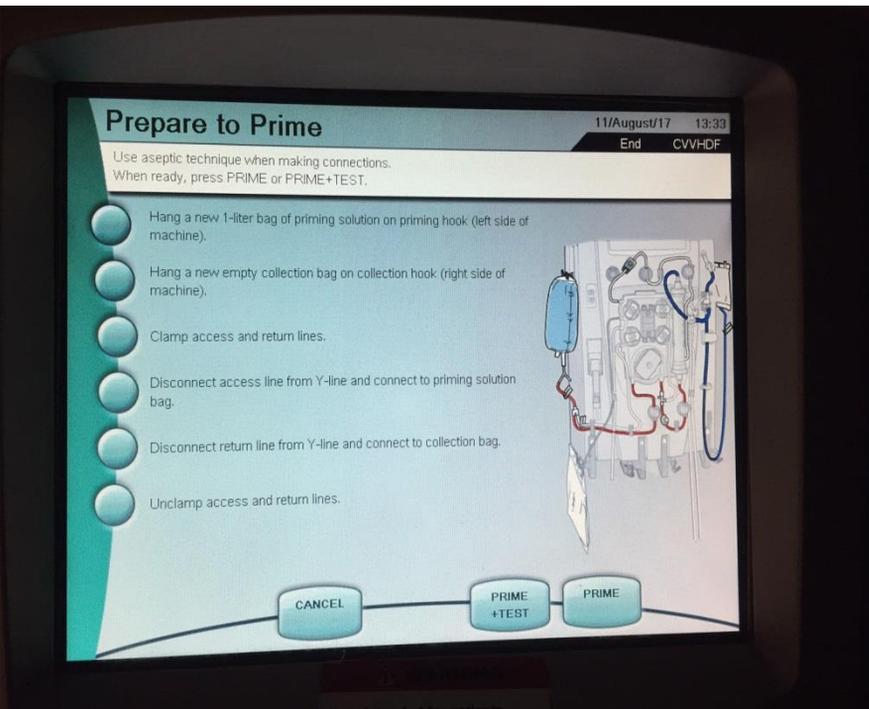
- Choose **RECIRC RATE** and increase to 100
- Choose **CONFIRM ALL**



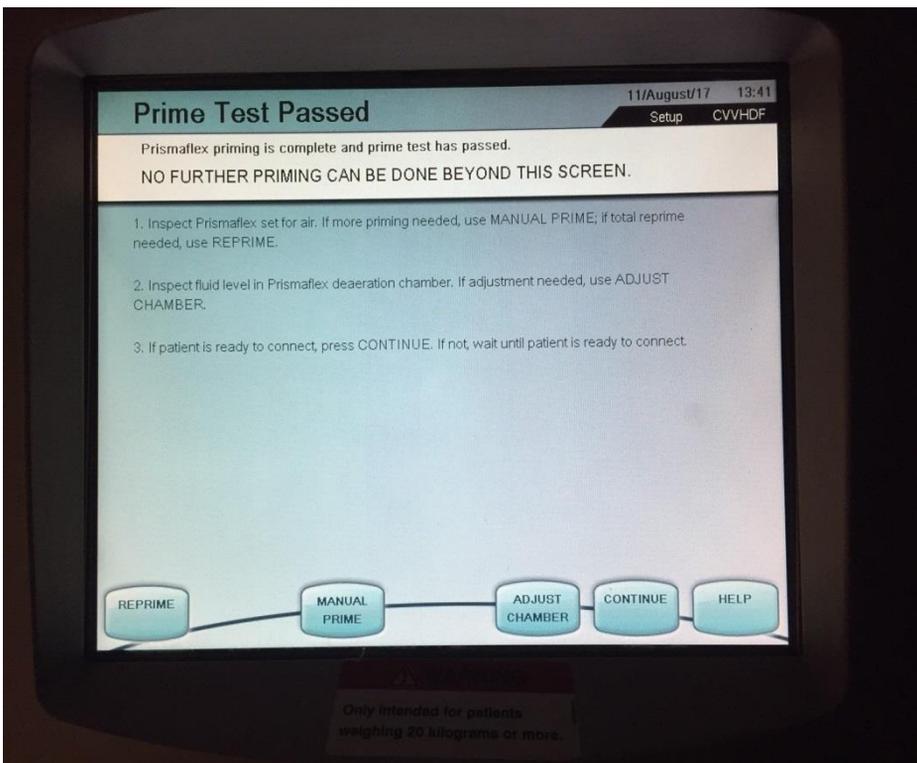
- When ready to resume therapy, choose **STOP RECIRC**



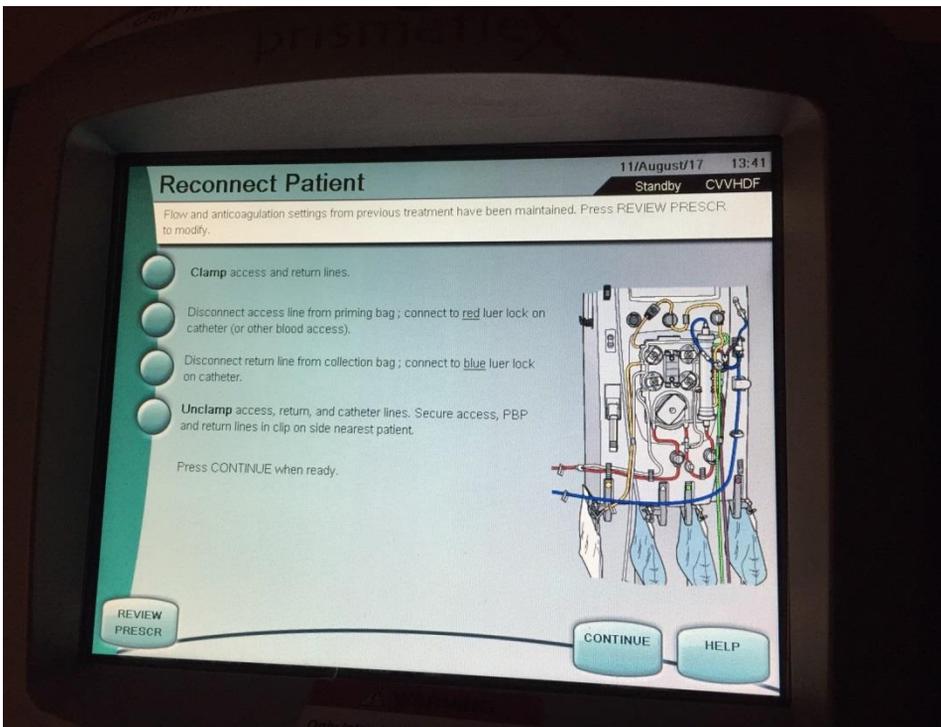
-Choose **PREPARE TO PRIME**



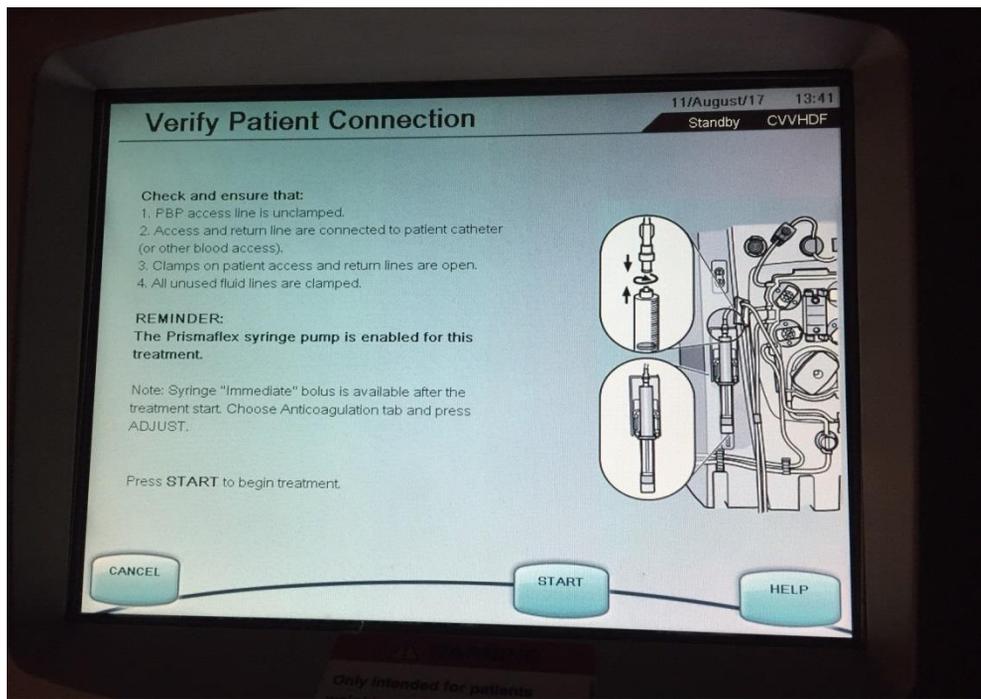
- Connect a new 1L saline bag to the Y-line extension
- Hang additional effluent bag on the right priming hook
- Clamp and disconnect return line from Y-line and connect to the new effluent bag
- Choose **PRIME + TEST**



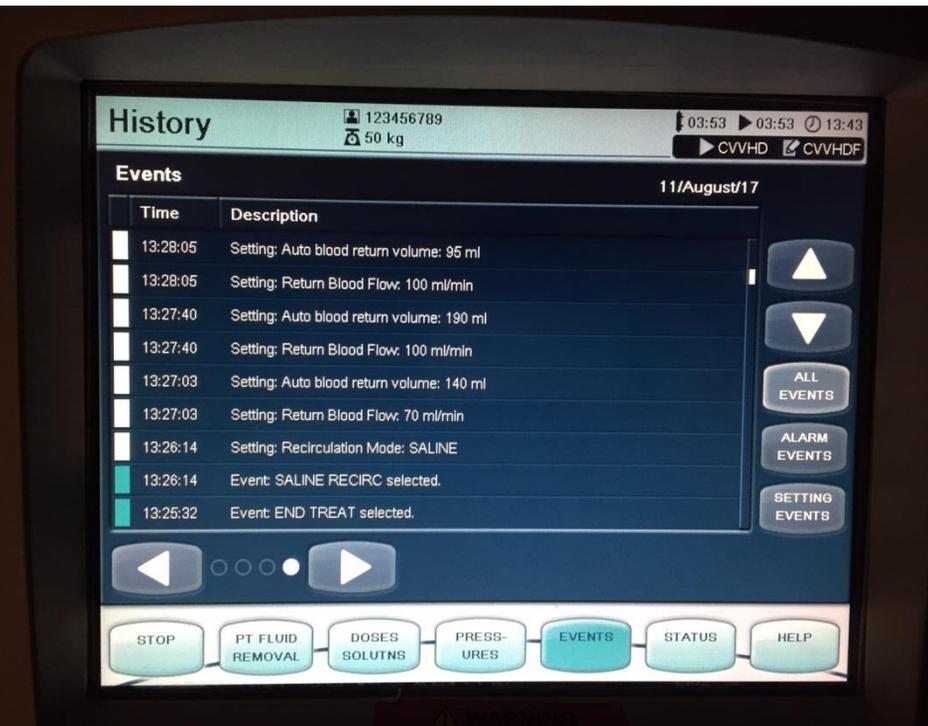
- Only uses 1L of saline
- Choose **CONTINUE**



- Perform catheter hub scrub and re-connect patient
- Choose **CONTINUE**



- Choose **START**



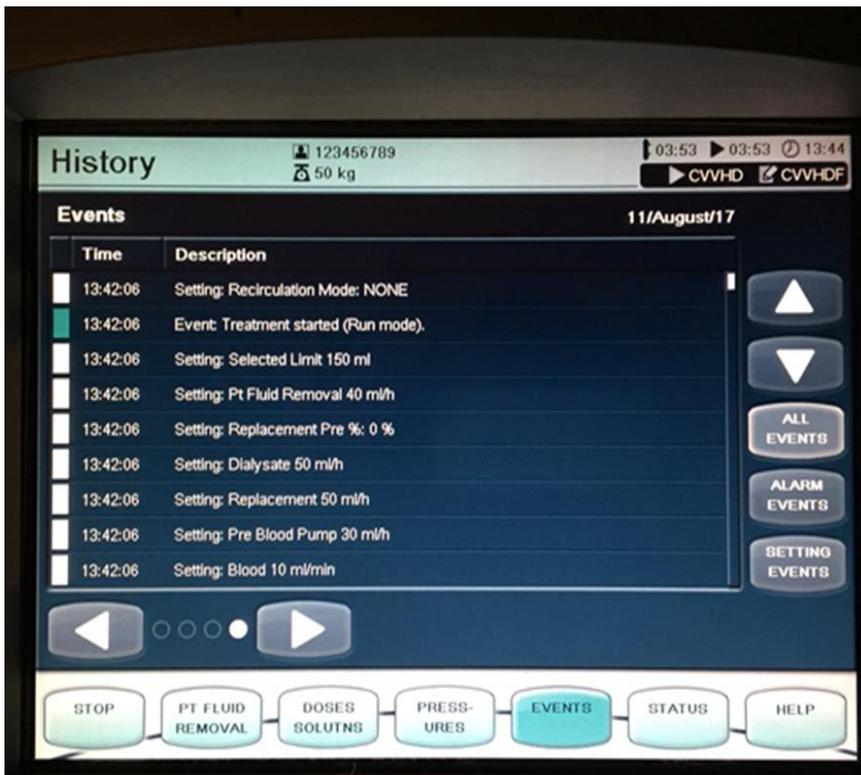
For documentation

- Choose **EVENTS**

- Scroll to find

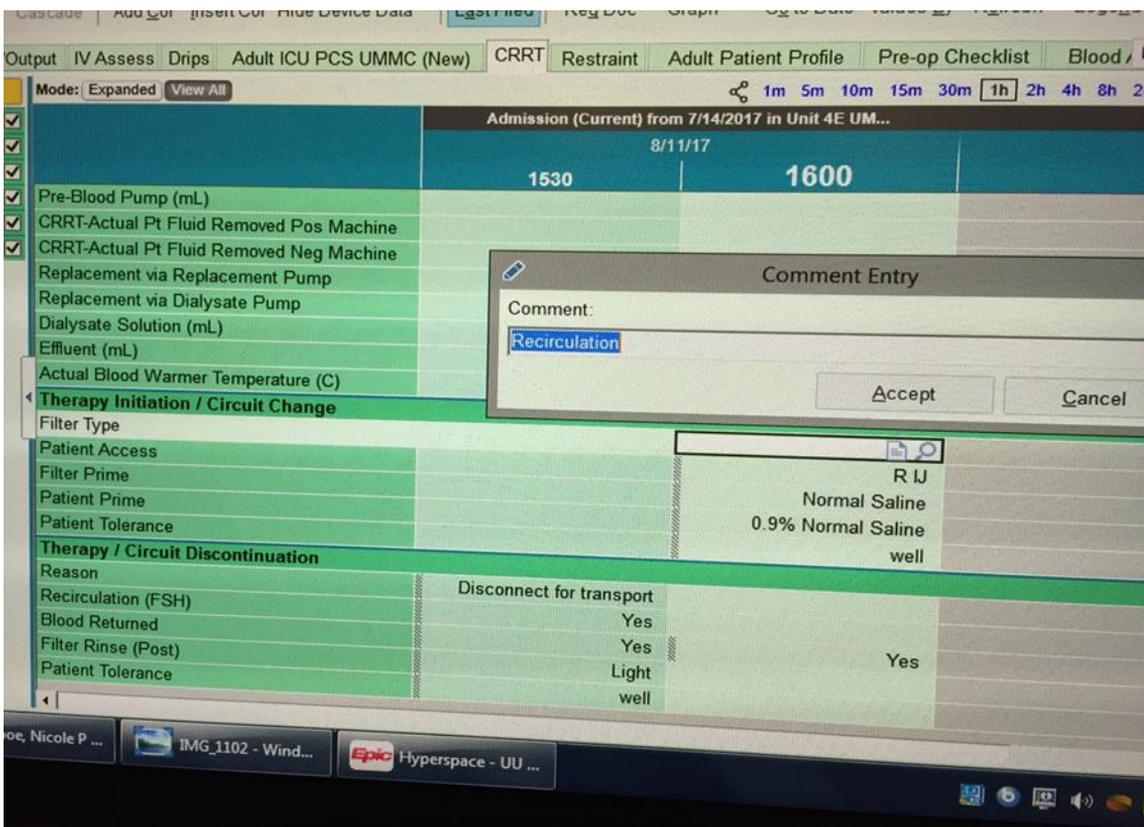
**Event: End Treatment selected**

- Insert new column on CRRT flowsheet using this time as your "stop time" and for recirculation documentation



- Choose **EVENTS**
- Scroll to find **Event: Treatment Started (Run mode)**

- Insert new column on CRRT flowsheet using this time for "start time"



## Charting:

- Add column for stop time, choosing “YES” for recirculation
- Add column for resume/start time, under “Filter Type” make a comment **“Recirculation”**
- Fill out CRRT log, making a note of “Recirc” for reason
- No need to write a separate note, but be sure to include the recirculation under interventions in your Status note