



Versi®HD with PureFlow™ SL

Quick Start Guide

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This training manual is intended as an aid in supporting the training and education of physicians, nurses and Home Hemodialysis (HHD) patients. It is intended only as a support and is not intended to replace the judgment or experience of the attending physicians and nurses. The home hemodialysis treatments as well as the decisions concerning specific patient treatments are within the sole responsibility of the attending physicians and nurses. It does not replace personal training and a careful review of the relevant Instructions for Use and Summary of Product Characteristics. The hygienic guidelines applicable in each country, hospital or other facility are to be complied with.

To prevent infection, always use aseptic technique when gathering supplies and making connections.



Pre-preparation

Confirm the following system settings by entering the **System Settings** menu. Refer to the User Guide for detailed instructions. Remember you must turn off your cyclor to save any changes. When entering system settings, please follow your clinics guidelines.

No.	Suggested Settings	Name
0	0 (for reducing Snap and Tap)	Cartridge Type
1	200	Maximum FF (flow fraction)
2		Initial Fluid (dialysate) pump rate (PR)
3		Start up UF rate
4	200	Start up blood flow rate
5	Patients Prescribed Volume of Dialysate	Prescribed dialysate volume
12	91 mL	Blood volume of the dialyzer
13	1.45	Rinseback factor
80	Not to exceed 10 ml/Kg/hr	Max UF rate (UFR)
81	12 to 18 L / hr	Max Dialysate rate (FPR)

Preparation

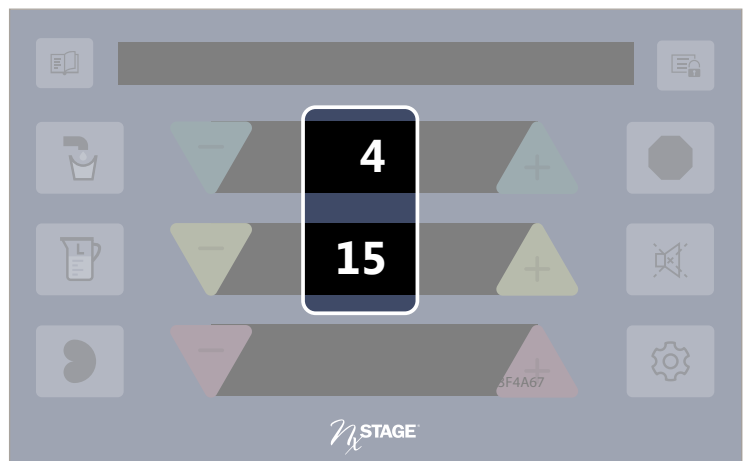
1. **Open** the door and **turn on** the cyclor.



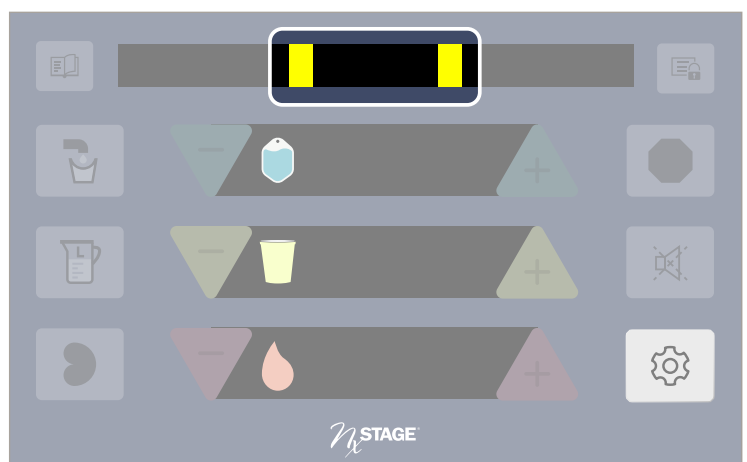
2. Test Fluid Detection Sensor.



3. Observe the software version.



4. The two flashing yellow bars indicate the cyclor is ready for cartridge insertion.



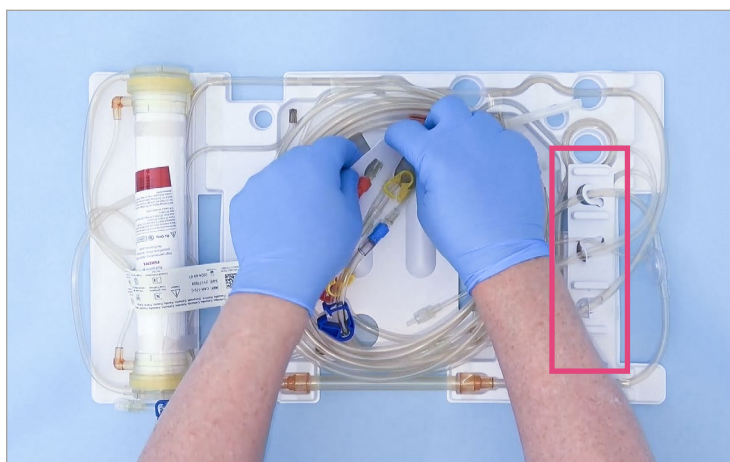
5. Hang the saline bag.



6. Remove the cartridge from its package and **tighten** connections.



7. Remove the paper tabs and the line organizer.



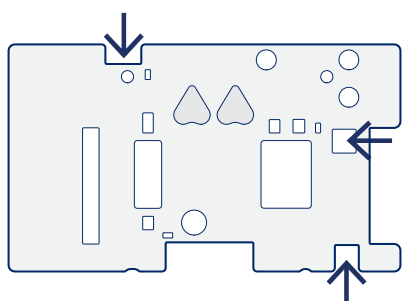
8. Pick up and Inspect the cartridge lines for kinks.



9. Insert the cartridge into the cycler.



10. Press the 3 air detector segments into the cycler.



11. Close the door.



Priming

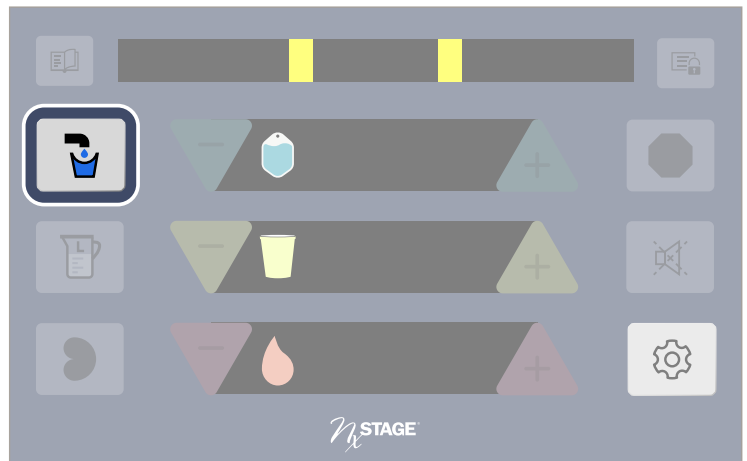
1. Fully insert the Spike into the saline bag.



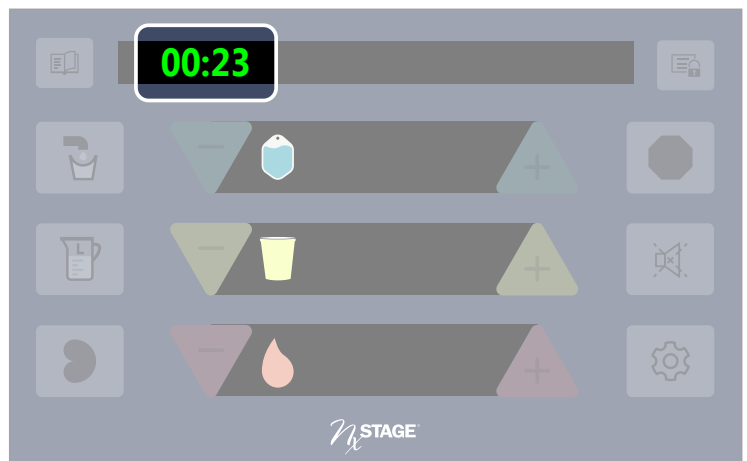
2. Connect the access pressure pod.



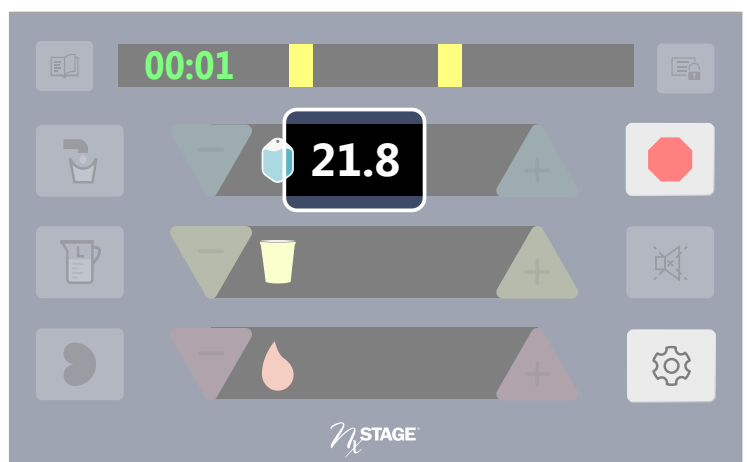
3. Press **add fluid**.



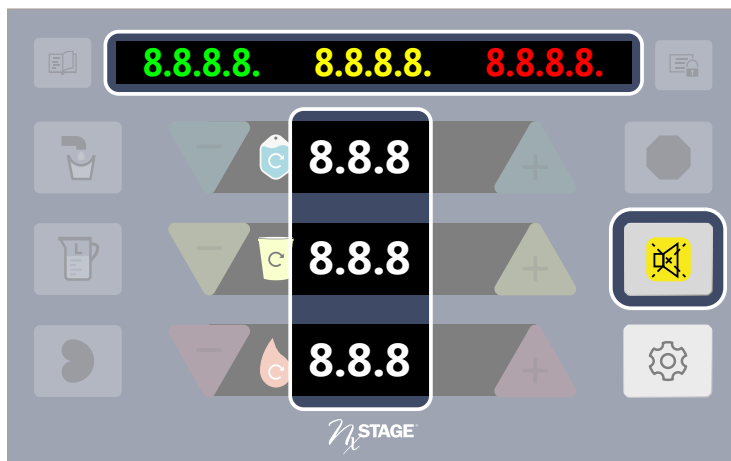
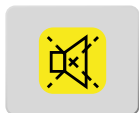
4. Screen displays a **23 minute** countdown for prime.



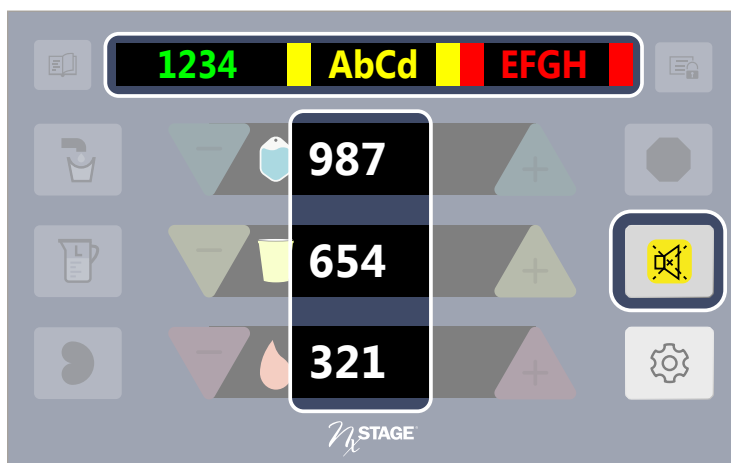
5. During prime the cyclor will display numbers from **0-23** while performing self-checks.



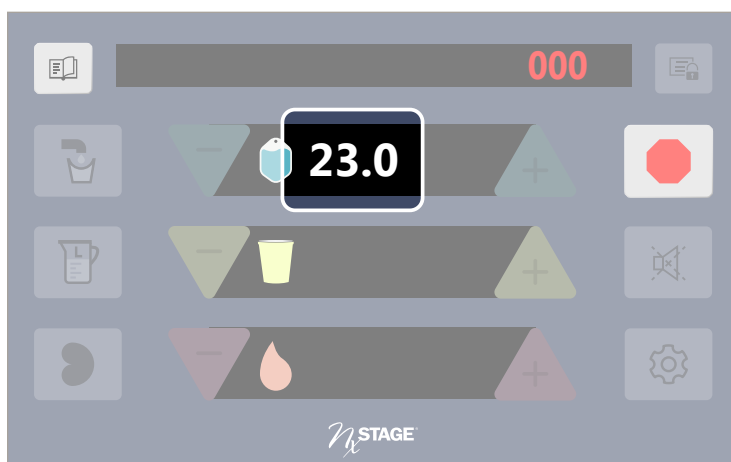
6. This screen displays 8's to indicate all alarm tests have passed. **Press mute** to confirm.



7. **Verify** the second screen display is as shown. **Press mute** to confirm.



8. **Verify 23** is present in the green section to confirm the system is recirculating. **Do not press stop.**



9. Remove air using snap and tap.



10. Remove the tabs holding the dialyzer.



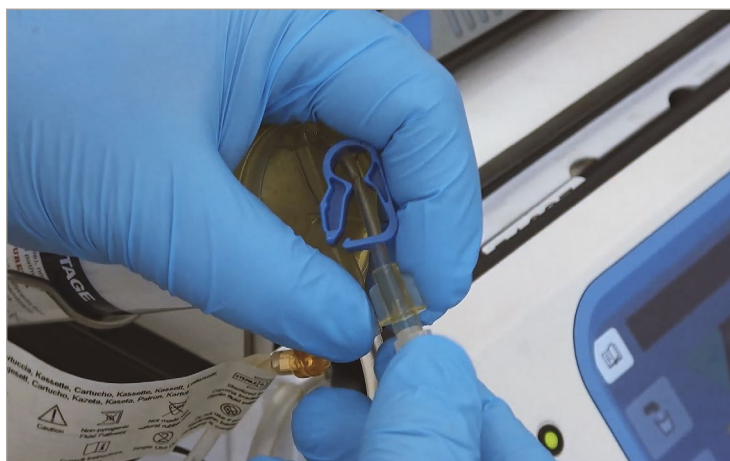
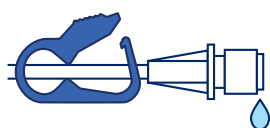
11. Tap the dialyzer top to remove air.



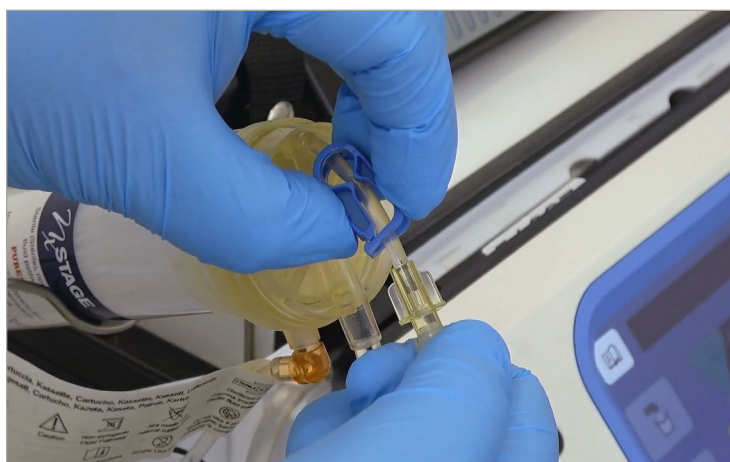
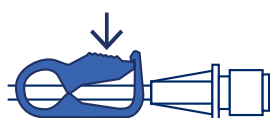
12. Place the dialyzer in the holder as shown.



13. Prime the line on top of the dialyzer.



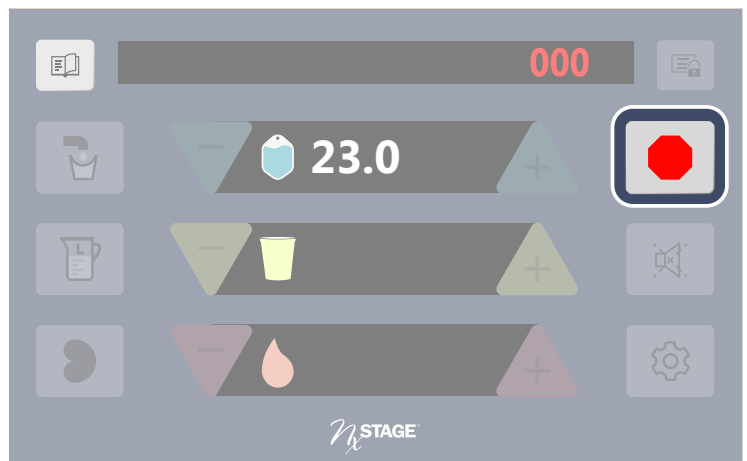
14. Close the blue clamp.



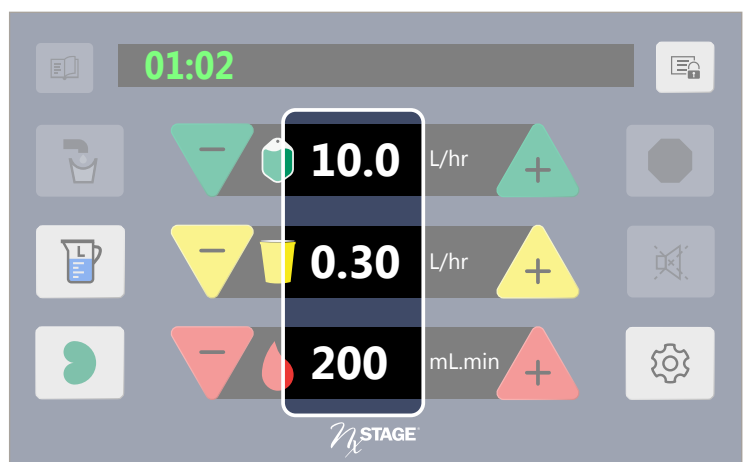
- 15.** Repeat snap and tap. **Check** all of the lines and the dialyzer for air.



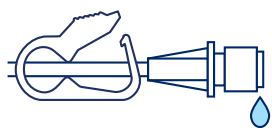
- 16.** Press **STOP**.



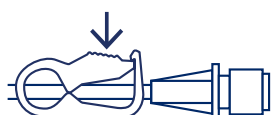
- 17. Confirm** the default treatment rates in the green, yellow and red section.



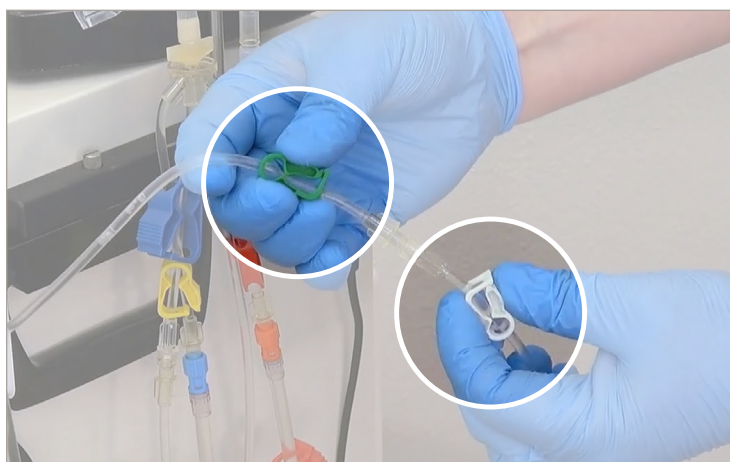
18. Locate and **prime** the Saline T.



19. **Close** the white clamp.



20. Locate and **close** the white and green clamps.



21. Disconnect while keeping hold of both lines.



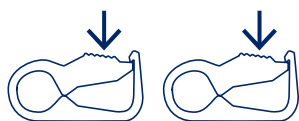
22. Remove the cap on the saline T.



23. Connect the line with the white clamp.



24. Ensure that both white clamps are **CLOSED**.



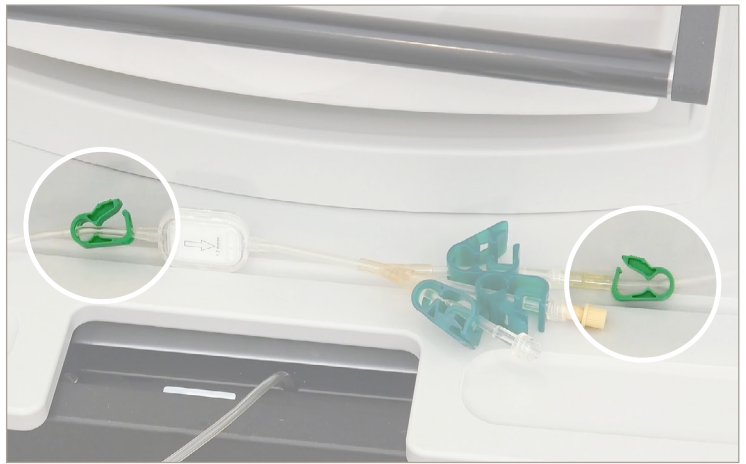
25. Connect the dialysate line with the small green clamp to an available connector (non reopening clamp) on the PureFlow SL.



26. Use an unused open (non reopening) green clamp on the SAK dialysate line for each treatment.



27. Ensure that 2 small green clamps are **open**.



28. Close the 2 yellow clamps.



29. Disconnect the cartridge waste line and **connect** to the drain line on the PureFlow SL.

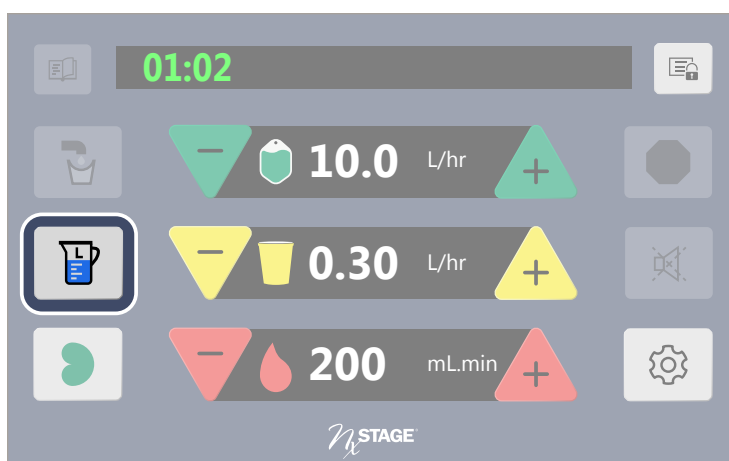


30. Open the 2 yellow clamps on the waste line.

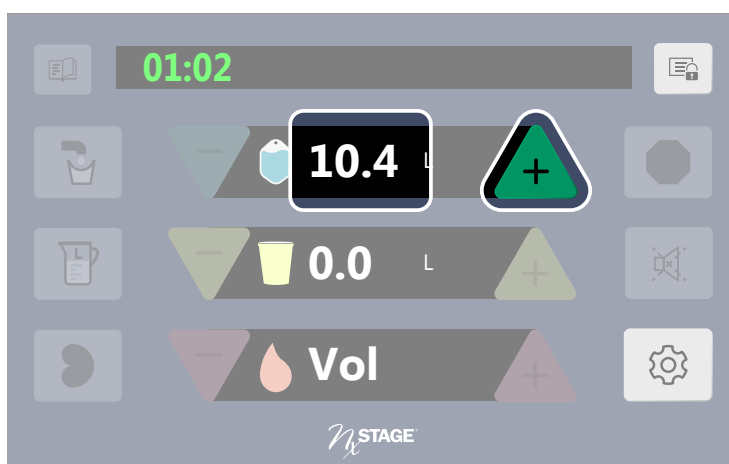


Settings

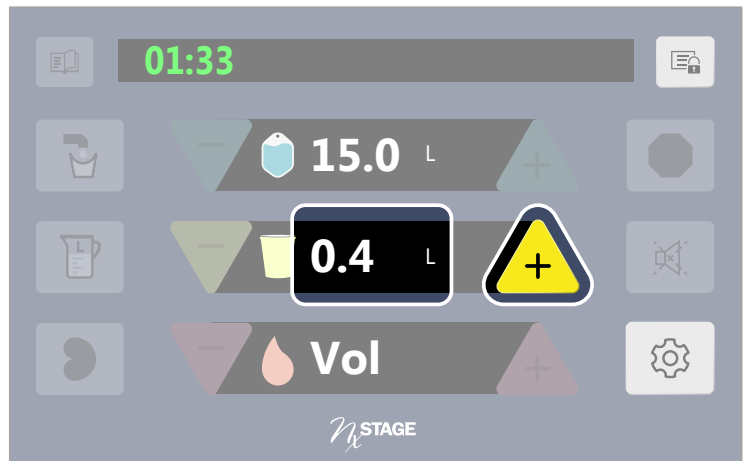
1. Press the toggle button on the cyclor to access the volume screen.



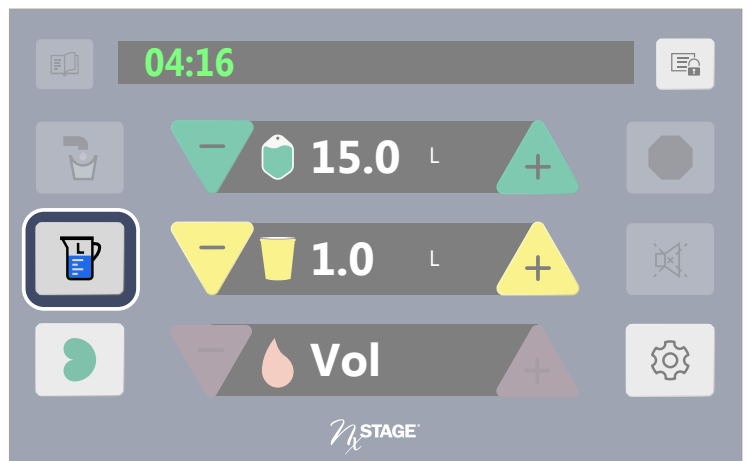
2. Confirm the dialysate volume in the green section matches the prescription.



- 3. Increase** the ultrafiltration volume in the yellow section to the amount required to be removed.



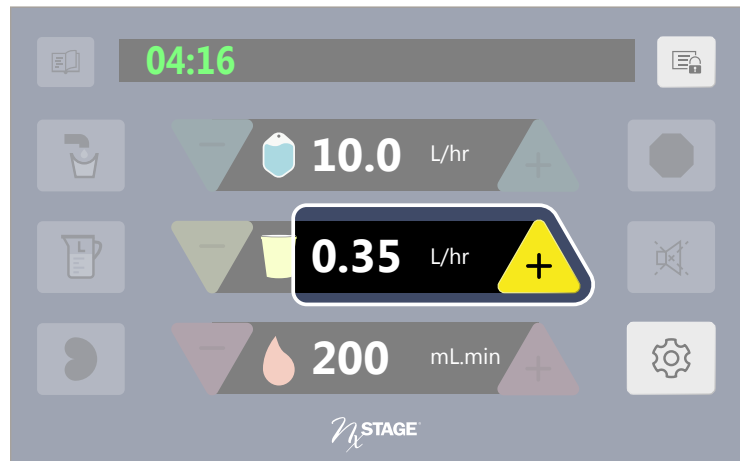
- 4. Press** the toggle button to return to the rate screen.



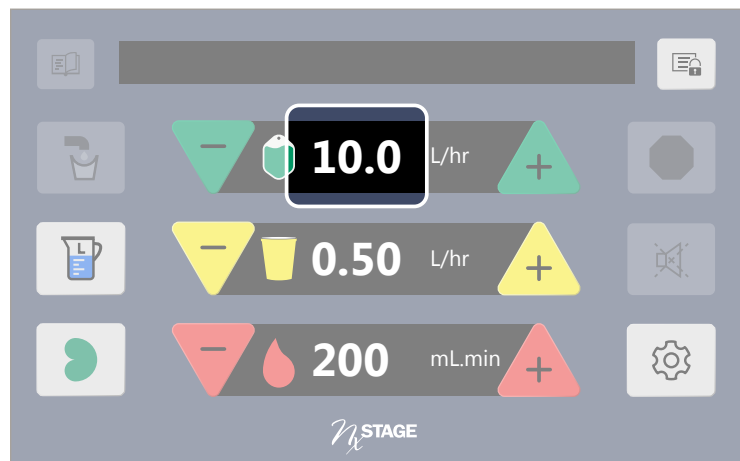
- 5. Check or enter** the blood flow rate in the bottom (red) window.



6. Adjust the hourly rate for ultrafiltration in the yellow section.



7. Check the rate for dialysate.

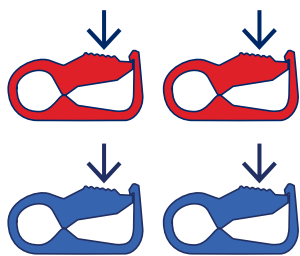


8. Check that all rates entered are correct.

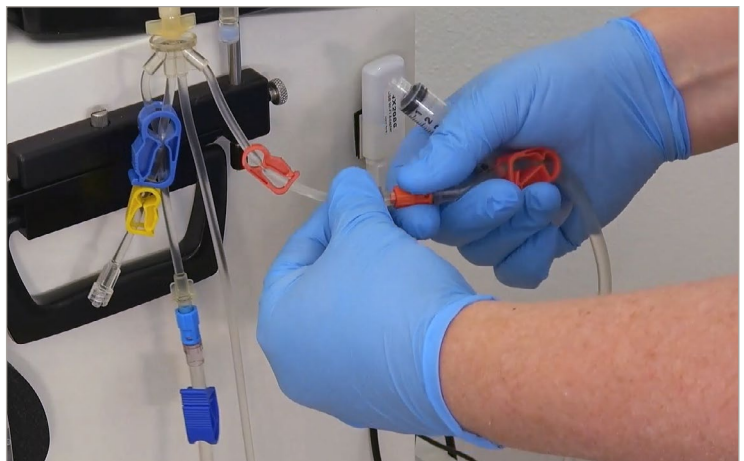
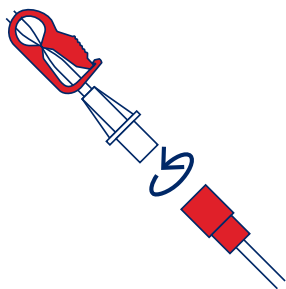


Treatment

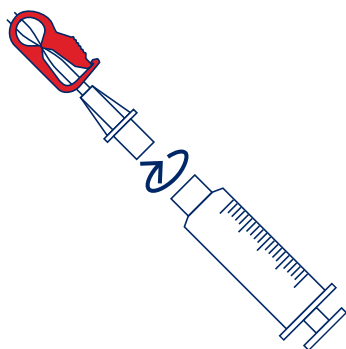
1. **Close** the 2 red clamps and **close** the 2 blue clamps on the cartridge line closest to the saline spike.



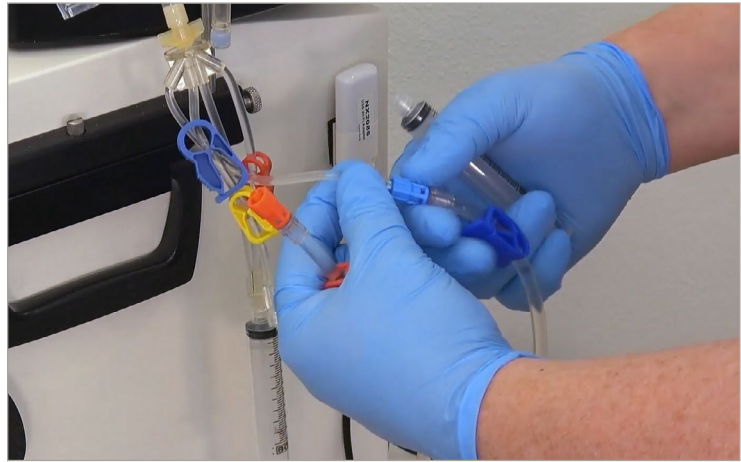
2. **Disconnect** the red line.



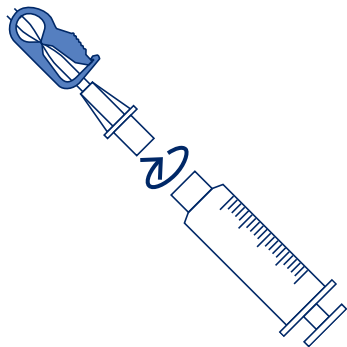
3. **Attach** a 10ml syringe or a sterile cap to the short red line.



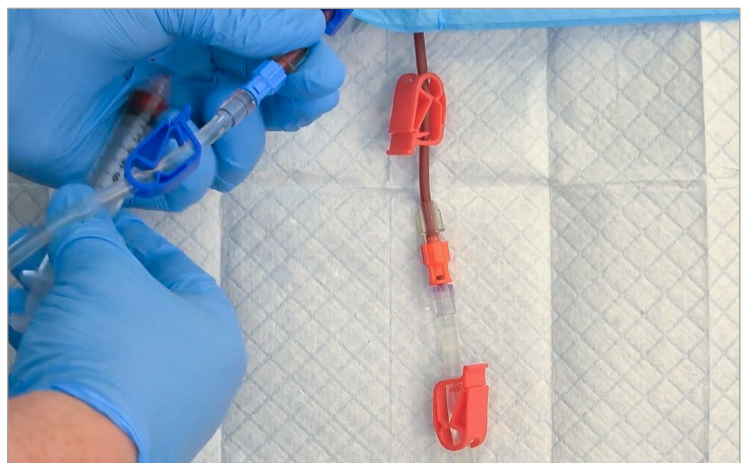
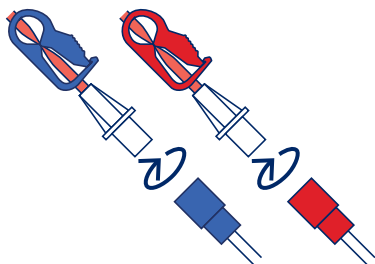
4. Disconnect the blue line.



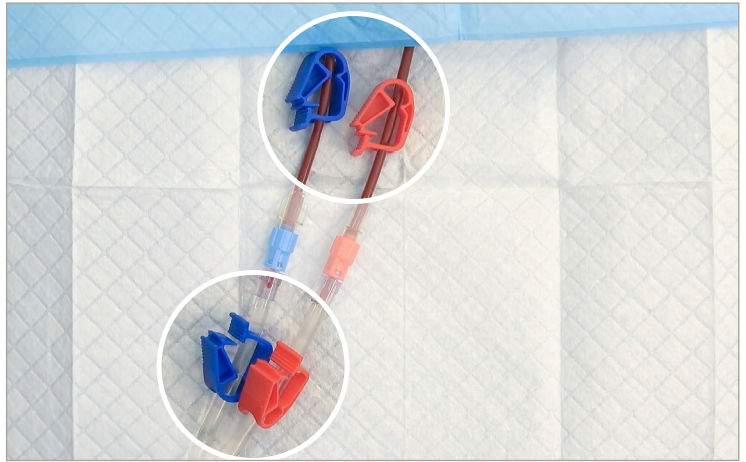
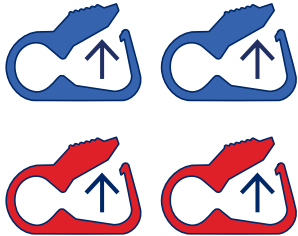
5. Attach 10ml syringe or sterile cap to the short blue line.



6. Connect the red and blue lines to the prepared vascular access.



7. **Open** the red and blue clamps on the arterial and venous blood lines and the clamps on the vascular access lines.



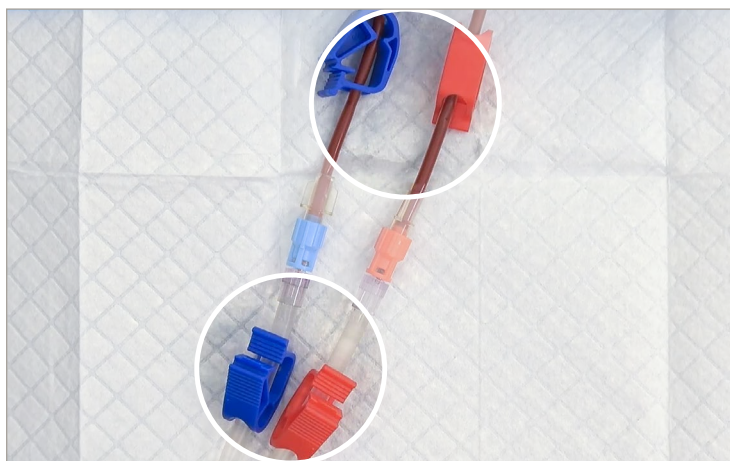
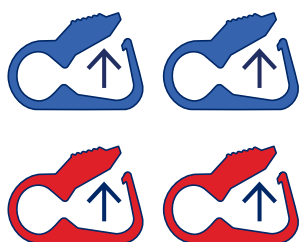
8. **Confirm** the clamp on dialyzer filter is **closed**.



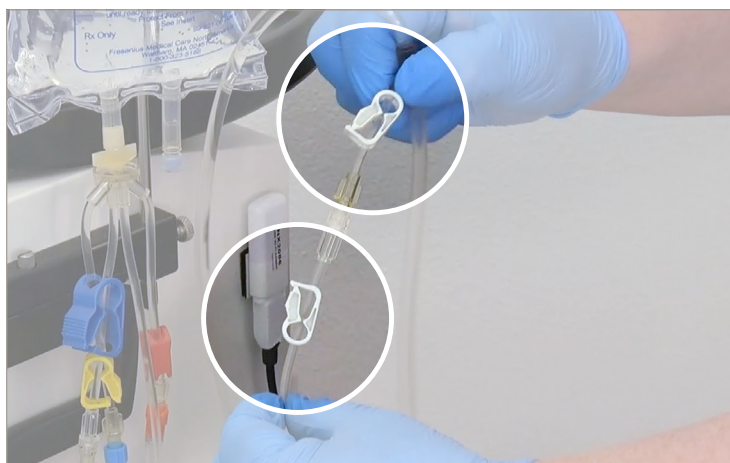
9. **Confirm** the 2 yellow clamps on waste line are **open**.



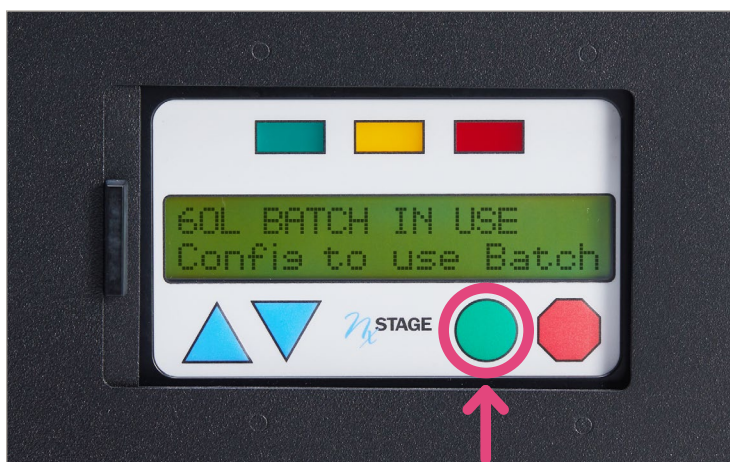
10. Confirm the red and blue clamps on the arterial and venous blood lines and the clamps on the vascular access lines are **open**.



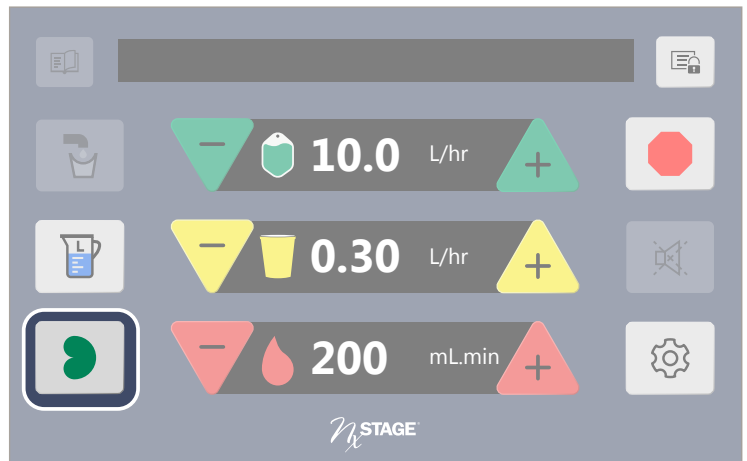
11. Confirm the 2 white clamps are **closed**.



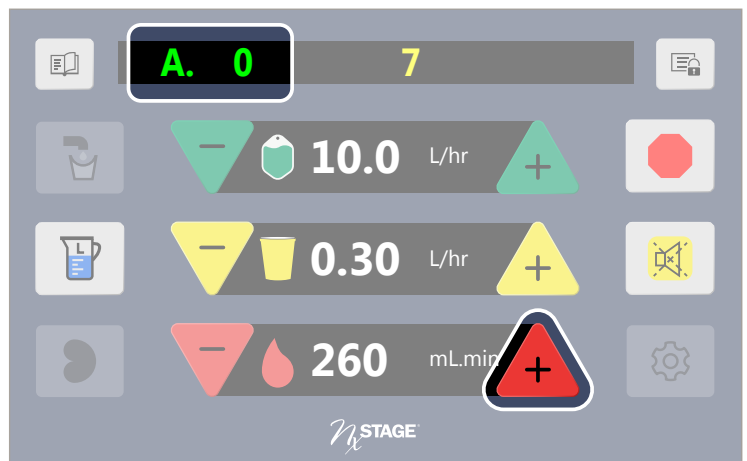
12. Start the PureFlow SL.



13. Press the treatment button on the cyclor.

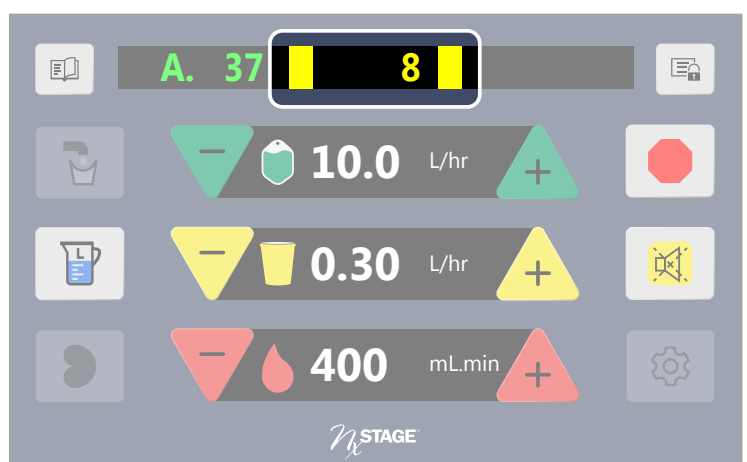


14. Monitor the arterial and venous pressures while increasing the blood flow rate to the prescribed rate.



15. Yellow bars will flash with the number **7** then **8** while the cyclor sets limits.

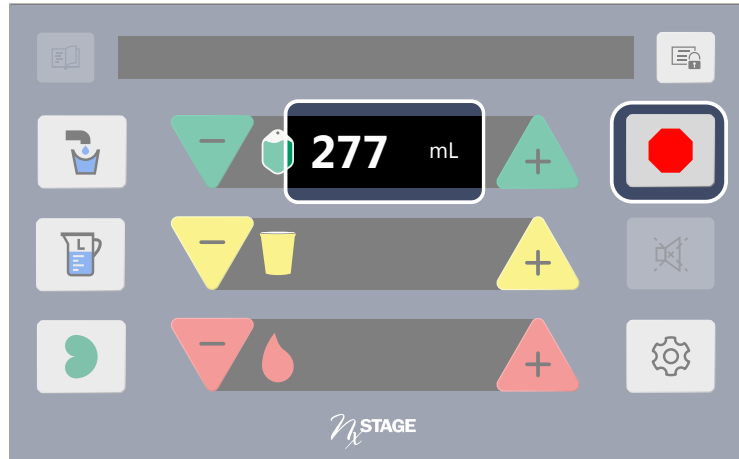
Continue dialyzing until the treatment is completed.



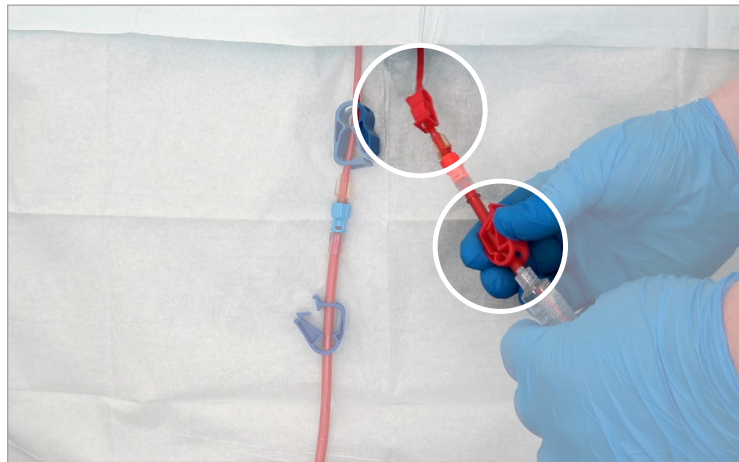
Automated rinseback

Ensure saline bag contains at least 300 ml before beginning rinseback

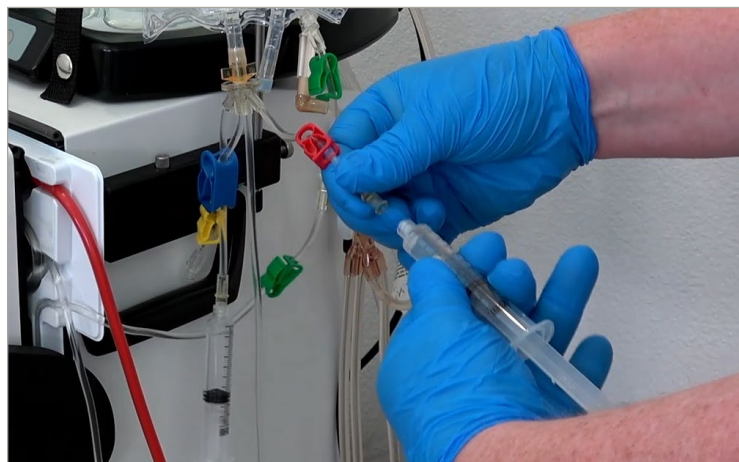
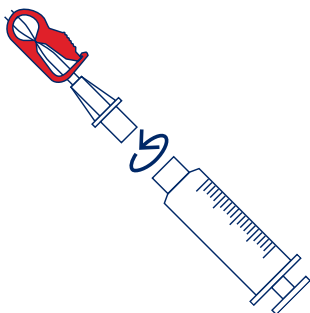
1. Press **STOP** to stop the blood pump and **verify** the rinseback display.



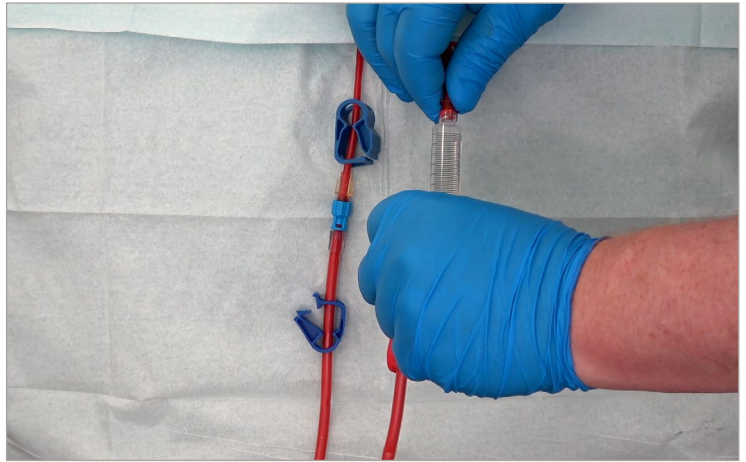
2. **Close** the red clamps on the arterial vascular access and blood lines.



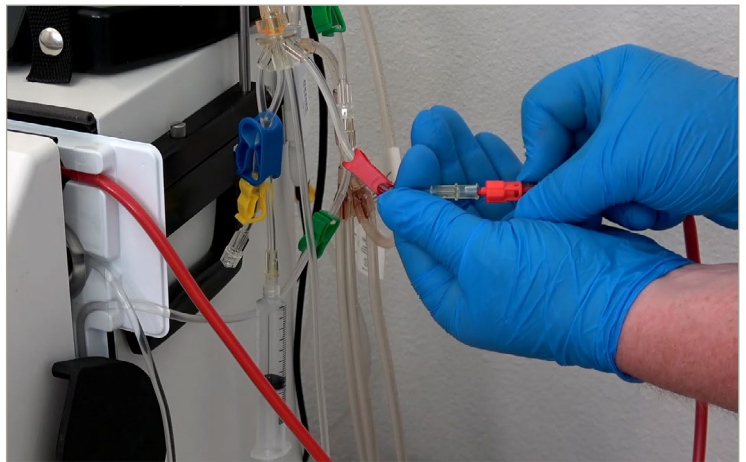
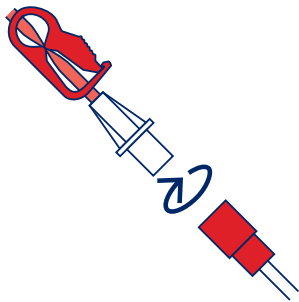
3. **Disconnect** the syringe or sterile cap from the short red line.



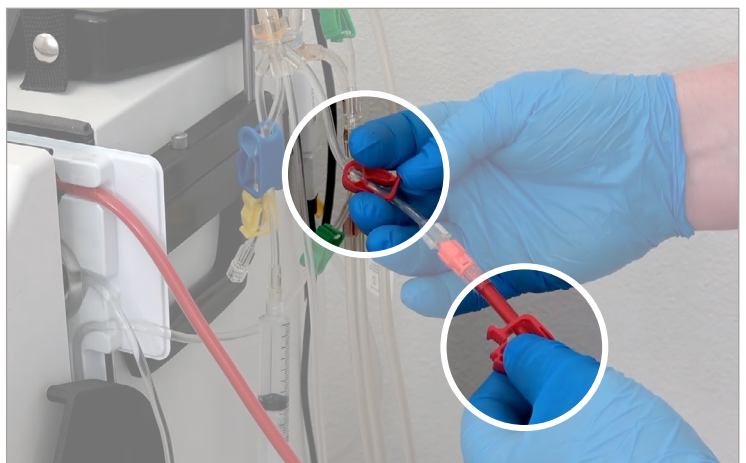
4. **Disconnect** the arterial blood line and **connect** a saline filled syringe to the arterial access.



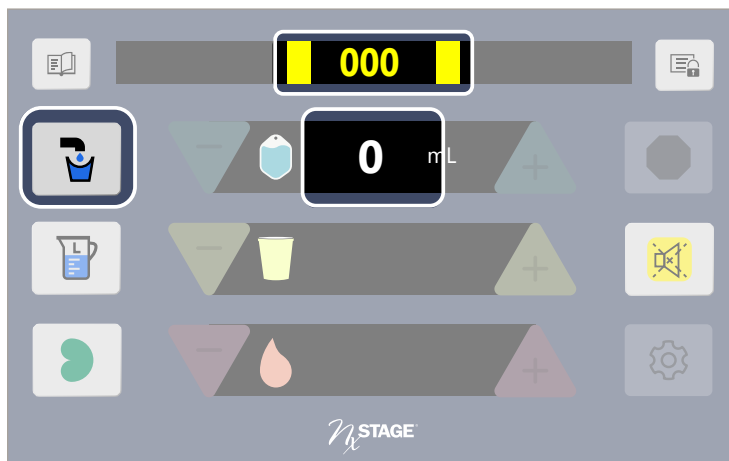
5. **Connect** the arterial blood line to the priming spike line.



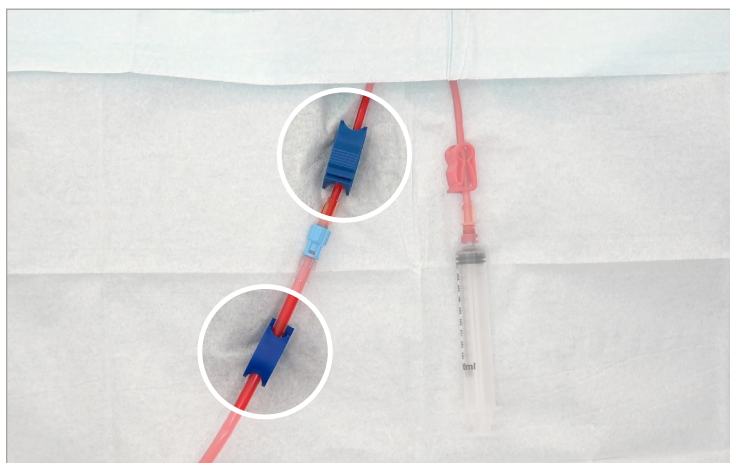
6. **Open** the red clamps on the arterial blood line and priming spike.



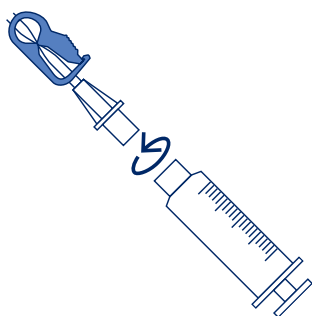
7. Press **Add Fluid** until all blood lines are clear.



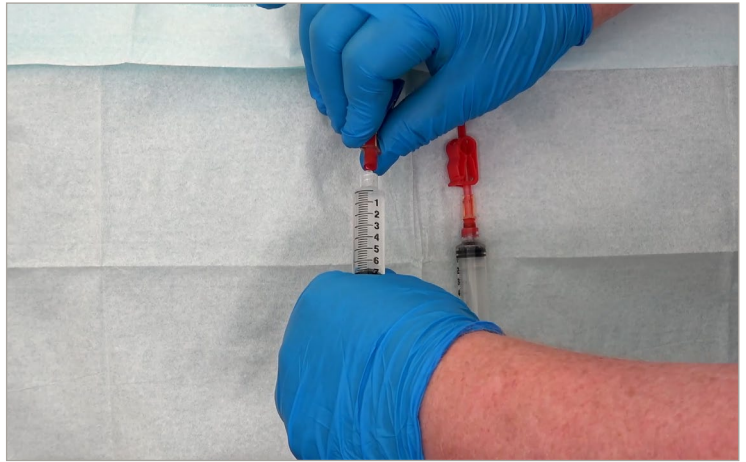
8. When rinseback is complete, **Close** the blue clamps on the venous access and blood lines.



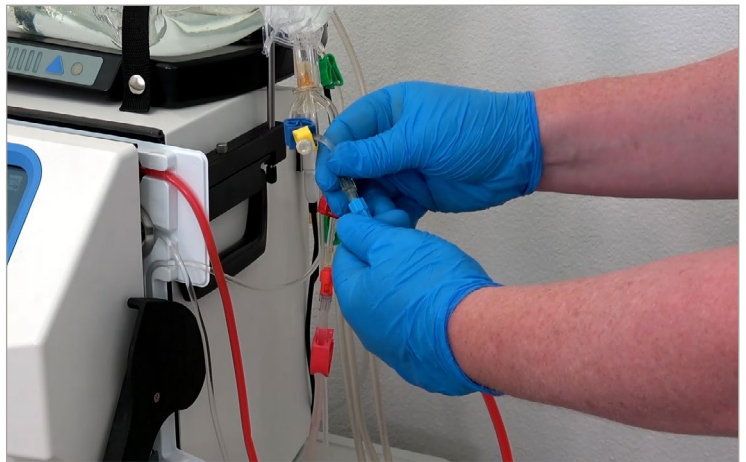
9. **Disconnect** the syringe or sterile cap from the short blue line.



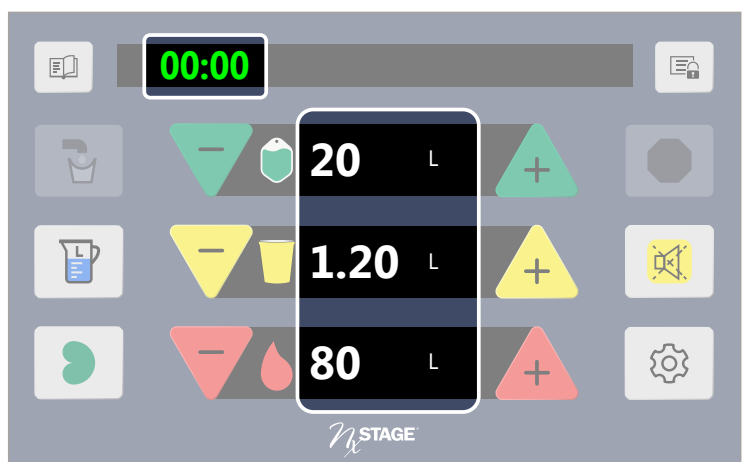
- 10. Disconnect** the venous blood line and **connect** the syringe or sterile cap to the venous access.



- 11. Connect** the venous blood line to the priming spike line.



- 12. Press** the volume toggle button to see the treatment summary and **record** the values.

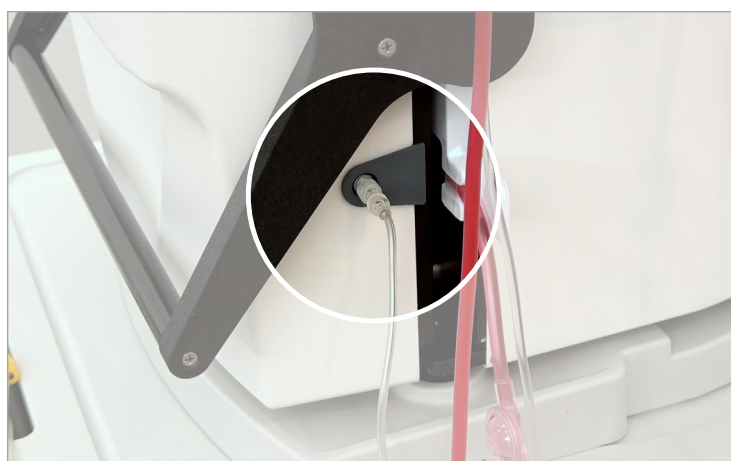


13. Turn off the cyclor.



Removing the disposables

1. **Disconnect** the access pressure pod from the cyclor.



2. **Close** the green clamps on the dialysate inlet line and dialysate source.



- 3. Close** the used non-reopening green clamp.



- 4. Disconnect** the dialysate inlet line from the dialysate source.



- 5. Close** the yellow clamps on the waste line and drain line.



6. Disconnect the waste line.



7. Open the door of the cyclor.



8. Remove the saline bag, cartridge and disposables and **discard** them appropriately.



