






Preparing the Dialog⁺® hemodialysis system for therapy using the Streamline[®] Airless System Set

Note: The information presented in this guide is not intended to replace the instructions for use for the Dialog⁺ hemodialysis system, the instructions for use for the Streamline bloodlines and/or an institution's policies and procedures. Before using the Dialog⁺ hemodialysis system or the Streamline bloodlines, user should be familiar with the complete instructions for use and the institution's policies and procedures.

1. Press confirm key to confirm machine is free of disinfectant . Press "Hemodialysis". The Dialog⁺® will automatically start an automatic sequence of testing procedures.
2. Place wands in appropriate solution containers or connect Solcart cartridge. Verify all solution containers are labeled with date, time and initials when opened. Press the  icon followed by the  and select the concentrate type and select the concentrate ordered, then press .

NOTE: If Dialog⁺® is instructing user to "connect couplings to dialyser", disregard until bloodlines are primed and connected to recirculate.

3. Place dialyzer in holder venous end up.
4. Open blood tubing carefully and place patient end of venous line in rinse bucket making sure end is high in bucket so as not to become contaminated.
5. Remove cap from venous end of dialyzer and place on dialysate side port of venous end. Connect venous blood tubing to venous end of dialyzer.
6. Place venous drip chamber into appropriate holder.
7. Thread venous line through safety air detector, tube guide and safety clamp. Then attach venous POD monitor line on venous monitoring port.
8. Place patient end of arterial line in rinse bucket and **clamp large red clamp** making sure end is high in bucket so as not to become contaminated.
9. Secure blood pump segment with arterial pressure POD into left side of blood pump. DO NOT THREAD THROUGH PUMP.
10. Place arterial blood tubing into tubing guide below blood pump.
11. Clamp upper saline infusion clamp and aseptically spike a 1-liter bag of 0.9% normal saline.
12. Hold the dialyzer end of arterial blood line straight up and unclamp upper saline infusion clamp. When saline reaches end of 8mm blood pump tubing thread blood pump segment through blood pump (or allow saline to purge all air from arterial blood line and reclamp upper saline infusion line clamp. Then thread through blood pump.) and close pump door gently.
13. Connect arterial blood line to arterial end of dialyzer.
14. Unclamp large red clamp to prime the remainder of arterial blood line by gravity ensuring all air is purged from tubing. Close large red clamp.

15. Attach arterial POD monitor line to arterial transducer port.
 16. Press the + button to increase blood speed to appropriate (refer to Policies & Procedures) priming rate. The Dialog+® will prime preset amount of normal saline. Gently tap the venous header aid to in removing air from dialyzer.
 17. Once the blood pump has stopped, clamp the venous line.
 18. Connect the patient ends of the arterial and venous blood lines together using the recirculation connector that is attached to the arterial blood line. Discard the recirculation connector on the end of the venous blood line. Open large blue and red clamps on both lines.
 19. Press the "start/stop" button to restart blood pump.
 20. Fill venous chamber by loosening cap on short infusion line to allow air to be purged. Purge air until saline is in short infusion line. Fill only 1/2– 3/4 full if reuse.
 21. Left lower screen will display "coupling on dialyser".
 22. Connect couplings to dialyzer verifying that red coupling is attached to arterial end and blue coupling is attached to venous end.
 23. Remove dialyzer from holder and tip dialyzer so that dialysate ports are up and red end of dialyzer is slightly higher. Press confirm key and allow air to be purged completely from dialysate compartment. Return dialyzer to holder venous end up.
 24. Place venous tubing in appropriate tubing guides.
 25. Screen will display message stating "Is blood side filled with NaCl solution and rinsed? Are levels correctly set?" Verify all air is removed from line and venous chamber. Press confirm button.
 26. Perform manual pH check. Select the  icon to document the machine conductivity, ENDLF and machine temperature, TSDE, on the left hand column of the screen.
- Press the  to exit screen.
27. The Dialog+® will perform a sequence of safety tests and calibrations prior to rinsing with ultrafiltration pressure. "Rinsing UFP".
 28. Empty and rinse priming container.
 29. When rinsing cycle is complete, the Dialog+® will display "Acknowledge Patient Date" in bottom right corner ("Min bicarb UF" for re-processed dialyzers).
 30. Rinsing cycle is complete; continue to recirculate until ready to initiate patient treatment. Purge remainder of air from venous chamber if needed.

