



how do I get ready for home hemodialysis?

simple steps for success at home



Preparing Your Home

Prior to beginning home hemodialysis, you need to complete several key tasks to ensure your home is a safe and comfortable place to conduct your treatments.

- Decide where you'll place the dialysis equipment in your home.
- Ensure a properly grounded electrical outlet is within 6 feet of the Cyclor.
- Ensure a drain (sink or toilet) is within 20 feet of the designated dialysis area if using bagged dialysate, or within 40 feet if using PureFlow.
- If using LINX® Water Pre-Treatment System with Pureflow SL:
Identify a home location for the LINX System, consider:
 - the distance to the feed (source) water location (20 feet).
 - the length of the power cord (6 feet)
 - the length of the Drain Line (6 feet).
 - the distance between the LINX System and PureFlow SL.
The LINX Water-treated Line is 40 feet.
 - LINX should not be placed within six feet of the patient treatment environment.
- Make sure a phone is available in the room where treatment will take place.
Circle one: cell phone land line internet phone
- Ensure household belongings are insured.
Circle one: homeowner's insurance renter's insurance
- If renting or leasing, determine if home hemodialysis will be allowed and resolve any restrictions.
- Ensure running water is available and dependable.
Circle one: city water well water
- If the home uses a septic system, ensure that it will tolerate up to 60 liters (15 gallons) a day.



- Take a source water sample and send out for testing, source water must meet certain criteria in order to allow you to use the PureFlow SL system to make dialysate and determine if LINX Water Pre-Treatment System is specified when using PureFlow SL.
- Designate a storage space that is clean and dry, out of direct sunlight, and not subject to freezing. Space must have room to store supplies.
- Set aside funds to purchase miscellaneous items needed for home treatment (garbage bags, paper towels, and so on.)
- Set up a supply cart in room where dialysis will take place. (Your dialysis center will provide you with a list of supplies to keep on the cart.)
- Set up equipment in the home.
 - Cyclor
 - Cyclor Base
 - Warmer
 - If used, PureFlow components and water connections
 - If used, LINX Water Pre-Treatment System

notes



Assigning the Tasks

Deciding who will complete each of the tasks associated with home hemodialysis before you start training will make your training, transition to home, and daily treatments go more smoothly. Use the following checklist to determine how you, your care partner, and dialysis center will divide up the tasks. Use a pencil to complete the chart, so you can easily change your answers later, if needed.

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 The items on this list are general activities. You may break them up more specifically if necessary.

You'll revisit this checklist once you have learned more about how to perform dialysis treatment at home. Your answers may change once you know more about what's required at each task.

Set Up Treatment

Task	Patient	Care Partner
Set up and prime cartridge.		
Test fluid detection sensor.		
Set up and prepare warmer, if applicable; prepare warmer disposables.		
Hang dialysate bags, if applicable.		
Gather and prepare ancillary supplies.		
Draw up heparin and/or saline, if applicable.		



Task	Patient	Care Partner
Document the pre-treatment assessment.		
Remove air from blood lines and make fluid line connections.		
Enter treatment settings.		
Access blood (cannulation or catheter).		
Give heparin in Arterial Access Line.		
Connect Arterial and Venous patient lines.		
Confirm system is ready.		

Set Up Treatment: PureFlow Users Only

Task	Patient	Care Partner
Install and prime PAK.		
Make a batch of dialysate and check chloramines/chlorine.		



Perform Treatment

Task	Patient	Care Partner
Start TREATMENT.		
Complete documentation on center treatment record (such as: vital signs, assessment, post-treatment information).		
Give medications as prescribed.		
Respond to alarms.		

End Treatment

Task	Patient	Care Partner
End TREATMENT and rinse back blood.		
Remove needles and/or catheter.		
Discard disposables and clean equipment.		



Additional Tasks

Task	Patient	Care Partner	Dialysis Center
ROUTINELY			
Draw labs according to dialysis center schedule.			
Restock supply cart.			
INITIALLY & YEARLY			
Take product water sample.			
MONTHLY			
Supply inventory to NxStage.			
Clean Drain Line with bleach.			
Clean Blood Leak Detector.			
QUARTERLY			
Take dialysate cultures and test for endotoxins.			
Clean air filter.			
YEARLY			
Change sediment filter.			
Conduct conductivity preventative maintenance procedure.			



Additional Tasks (continued)

Task	Patient	Care Partner	Dialysis Center
AS NEEDED			
Manage equipment replacements (PureFlow Control Unit, Cyclor, Warmer).			
Reprogram settings (for example, Cyclor or Control Unit, SAK type).			
Replace LINX DI cells.			
Call NxStage Technical Support for questions or issues.			
Call Customer Service to discuss/ arrange for Travel Inventory.			
Call dialysis center (RN/MD) or emergency personnel as required for providing information or obtaining help.			

Disclaimer

NxStage® has prepared this document as a supplement to existing labeling and training materials. It is not intended to replace the NxStage System One™, PureFlow™ SL or LINX *User's Guides* or Cartridge Instructions for Use. Patients, care partners, and providers must review and refer to the System One™ and PureFlow™ SL *User's Guides* and Cartridge Instructions for Use for all Instructions, Warnings, and Precautions.

