



## NxStage Cycler with the CAR-124-C and Ancillary Products Skills Checklist

Completion of this form indicates that the learner has been instructed on the following skills (consistent with NxStage User's Guides). By initialing the form, the learner acknowledges understanding and/or demonstrates skills correctly. Do not leave blanks, Enter "N/A" (not applicable) where appropriate.

| Cycler with CAR-124-C and Ancillary Product Skills                                                                                                                                                                                                                                                                                                                      | Trainers' initials/date | Learners' initials/date |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|
| Install Cycler and accessory parts                                                                                                                                                                                                                                                                                                                                      |                         |                         |
| Install Express Fluid Warmer (if used)                                                                                                                                                                                                                                                                                                                                  |                         |                         |
| Install Cycler Base and Fluid Detection Sensor on Cycler                                                                                                                                                                                                                                                                                                                |                         |                         |
| Test the Fluid Detection Sensor                                                                                                                                                                                                                                                                                                                                         |                         |                         |
| Removal and installation of ConNxBox™ or Jewel Box Computer (does not apply to VersiHD cycler)                                                                                                                                                                                                                                                                          |                         |                         |
| Adjust Cycler System Settings following the CAR-124-C IFU: <ul style="list-style-type: none"><li>• Scroll through the remaining system settings.</li><li>• Confirm settings are correct before turning the cycler power off &amp; on to save settings.</li><li>• Failure to do so may result in an incorrect set-up error upon powering on the cycler.</li></ul>        |                         |                         |
| Use aseptic technique                                                                                                                                                                                                                                                                                                                                                   |                         |                         |
| Gather and inspect supplies <ul style="list-style-type: none"><li>• Cartridge package</li><li>• Prescribed filter</li><li>• Three 1-liter bags of normal saline</li><li>• Express Fluid Warmer Disposable</li><li>• Prescribed Express Fluid (dialysate) Bags</li><li>• Plastic forceps for air recovery</li><li>• Other supplies (as defined by your center)</li></ul> |                         |                         |
| Prepare the Express Fluid Warmer for use with Bags using the warmer disposables and prescribed dialysate.                                                                                                                                                                                                                                                               |                         |                         |
| Insert the cartridge into the cycler making appropriate connections                                                                                                                                                                                                                                                                                                     |                         |                         |
| Close the cycler door                                                                                                                                                                                                                                                                                                                                                   |                         |                         |
| Connect the access pressure pod                                                                                                                                                                                                                                                                                                                                         |                         |                         |
| Set up the waste line extension (if not using PureFlow SL)                                                                                                                                                                                                                                                                                                              |                         |                         |
| Connect the filter to the cartridge                                                                                                                                                                                                                                                                                                                                     |                         |                         |
| Select Hemodialysis therapy configuration (refer to the CAR-124-C IFU therapy configurations)                                                                                                                                                                                                                                                                           |                         |                         |
| Initiate Prime and Alarms Test following the CAR-124-C IFU steps                                                                                                                                                                                                                                                                                                        |                         |                         |
| Remove air from the cartridge                                                                                                                                                                                                                                                                                                                                           |                         |                         |
| Make all non-patient cartridge connections                                                                                                                                                                                                                                                                                                                              |                         |                         |
| Program Treatment Information                                                                                                                                                                                                                                                                                                                                           |                         |                         |
| Make patient cartridge connections                                                                                                                                                                                                                                                                                                                                      |                         |                         |
| Confirm system is ready before treatment is initiated                                                                                                                                                                                                                                                                                                                   |                         |                         |
| Launch and Monitor Treatment                                                                                                                                                                                                                                                                                                                                            |                         |                         |
| Common Procedures: <ul style="list-style-type: none"><li>• Re-priming the Cartridge</li><li>• Flushing the Prime out of the Cartridge</li><li>• Reducing the Ultrafiltration Rate Quickly</li><li>• Delivering a Fluid Bolus</li></ul>                                                                                                                                  |                         |                         |



## NxStage Cyclor with the CAR-124-C and Ancillary Products Skills Checklist

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|                                                                                                                                                                                                                |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <ul style="list-style-type: none"><li>• Checking for Filter Clotting</li><li>• Resetting the Access Pressure Pod</li><li>• Post BUN – Stop Pump Method</li><li>• Adjusting the Dialysate Temperature</li></ul> |  |  |
| Automated/Normal End of Treatment                                                                                                                                                                              |  |  |
| End Treatment and Return Blood (for Rinseback and Temporary Disconnection)                                                                                                                                     |  |  |
| Emergency Return of the Blood (Emergency Rinseback)                                                                                                                                                            |  |  |
|                                                                                                                                                                                                                |  |  |
| Troubleshooting – Cyclor Alarms                                                                                                                                                                                |  |  |
| Troubleshooting – Air Alarms- Venous and Arterial Air alarm troubleshooting procedures using the CAR-124-C IFU                                                                                                 |  |  |
| Troubleshooting – Warmer Alarms                                                                                                                                                                                |  |  |
| Troubleshooting – Cyclor Base and Fluid Detection Sensor Alarms                                                                                                                                                |  |  |
| Equipment Maintenance                                                                                                                                                                                          |  |  |

| PureFlow SL Skills                                                | Trainers' initials/date | Learners' initials/date |
|-------------------------------------------------------------------|-------------------------|-------------------------|
| Installing the Control Unit                                       |                         |                         |
| Making Electrical Connections                                     |                         |                         |
| Installing the Pre-Treatment Unit                                 |                         |                         |
| Making Drain Connection                                           |                         |                         |
| Connecting to the Water Source and Directing Water to PureFlow SL |                         |                         |
| Installing the Cyclor on PureFlow SL                              |                         |                         |
| Installing and Priming a New PAK                                  |                         |                         |
| Installing the Control Unit Adapter                               |                         |                         |
| Loading the SAK                                                   |                         |                         |
| Making the Batch of Dialysate                                     |                         |                         |
| Obtaining Product Water for Chemical Analysis                     |                         |                         |
| Testing Product Water for Chloramines                             |                         |                         |
| Obtaining Dialysate for Testing                                   |                         |                         |
| Using a Batch with the NxStage System One Cyclor                  |                         |                         |
| Draining and Unloading the SAK                                    |                         |                         |
| Adjusting the Heater Setting                                      |                         |                         |
| Updating and Activating the Software                              |                         |                         |
| Changing the Dialysate SAK Type                                   |                         |                         |
| Pausing and Stopping the PureFlow SL                              |                         |                         |



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|                                           |                                                                             |                                  |
|-------------------------------------------|-----------------------------------------------------------------------------|----------------------------------|
| Removing the PAK                          |                                                                             |                                  |
| Draining the SAK from User Maintenance    |                                                                             |                                  |
| Manually Draining the SAK                 |                                                                             |                                  |
| Removing the Control Unit                 |                                                                             |                                  |
| Alarms and Troubleshooting                |                                                                             |                                  |
| Cleaning and Disinfecting the PureFlow SL |                                                                             |                                  |
| Cleaning or Replacing the Air Filter      |                                                                             |                                  |
| Flushing the Drain Line                   |                                                                             |                                  |
| Changing the Sediment Filter              |                                                                             |                                  |
|                                           |                                                                             |                                  |
| <b>Trainer's signature/date</b>           | <b>Cycler Section Complete</b>                                              | <b>PureFlow Section Complete</b> |
| <b>Learner's signature/date</b>           | <b>Yes   <input type="checkbox"/>   No   <input type="checkbox"/>   N/A</b> | <b>Yes   No   N/A</b>            |