



Nursing Service Guidelines Hemodialysis

Title: **PHOENIX METER PROCEDURE**

Responsibility: Hemodialysis RN

Equipment: 1. Phoenix Meter

<u>Procedure</u>	<u>Point of Emphasis</u>
1. Daily QC should be performed in “Rinsing with UFP” mode prior to use and documented	To ensure accurate results
2. Monthly calibration of Phoenix Meter will be performed by Biomed and documented	To ensure calibration within manufacturers recommendations
3. Touch icon in right hand lower corner of Braun screen, go to wrench screen	To view conductivity and temperature of machine
4. Connect Meter to sample port on venous line of Hansen	Make sure that there is no air in the syringe
5. Press MODE switch	To activate meter
6. Aspirate fluid by pulling the syringe plunger to draw fluid through the device. While the solution is flowing, observe the temperature result	Make sure the solution is flowing when obtaining the temperature result. Idle solution may cause inaccurate results
7. Observe reading on meter and compare with reading in wrench screen for conductivity ENDF and temperature TSD	
8. Remove device from sample port and expel any air	
9. Obtain Conductivity and pH readings	When readings stabilize, press the MODE switch once to “hold” the readings in the display until you record them. A “hold” symbol will appear on the display. Press again to release the hold feature
10. Document readings	Document Phoenix meter readings and machine readings in appropriate space on Hemodialysis Treatment Record Nursing Assessment Value Ranges: Conductivity: 13.4-14.0 PH: 6.9-7.6 Temperature: 34.5- 38.5 degrees Celsius If reading is out of range, an air bubble may be present, Disconnect the meter from the sample port and repeat reading. Document if readings are in range or out of range. If out of range, notify biomed and do not initiate treatment.

Resource Person:

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References: Phoenix Machine Operators Manual