Title:  **PHOENIX METER PROCEDURE**

Responsibility:  Hemodialysis RN

Equipment:  1. Phoenix Meter

**Procedure**

1. Daily QC should be performed in “Rinsing with UFP” mode prior to use and documented

2. Monthly calibration of Phoenix Meter will be performed by Biomed and documented

3. Touch icon in right hand lower corner of Braun screen, go to wrench screen

4. Connect Meter to sample port on venous line of Hansen

5. Press MODE switch

6. Aspirate fluid by pulling the syringe plunger to draw fluid through the device. While the solution is flowing, observe the temperature result

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, temperature and pH readings

10. Document readings

**Point of Emphasis**

To ensure accurate results

To ensure calibration within manufacturers recommendations

To view conductivity and temperature of machine

Make sure that there is no air in the syringe

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

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 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.