



## 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 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. Use Phoenix Meter only after changing the dialysis bath.   | To view conductivity and temperature of machine   |
| 4. Connect Meter to sample port on venous line  | Make sure that there is no air in the syringe   |
| 5. Aspirate fluid by pulling the syringe plunger to draw fluid through the device. While the solution is flowing, observe the temperature, Conductivity and Ph result | Make sure the solution is flowing when obtaining the temperature result. Idle solution may cause inaccurate results   |
| 6. Document 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<br><br>Document Phoenix meter readings and machine readings in appropriate space on Hemodialysis Treatment Record<br>Value Ranges:<br>Conductivity: 13.4-14.0<br>PH: 6.9-7.6<br>Temperature: 34.5- 38.5 degrees Celsius<br>If reading is out of range, an air bubble may be present, Disconnect the meter from the sample port and repeat reading.<br>Document if readings are in range or out of range. If out of range, notify biomed and do not initiate treatment. |

Resource Person:

Reviewed by: Paula Kosmider, BSN, RN

Approved: 7/05

Reviewed: 4/08, 2/11, 3/28/2011, 5/14, 5/18, 4/21

Revised: 6/15, 6/24

Reviewed by Policy & Standard Committee, 3/11, 5/18, 4/21, 6/24

References: Phoenix Machine Operators Manual