

## NURSING SERVICES GUIDELINE HEMODIALYSIS

**Guideline:** Phoenix Meter Procedure

**Policy Number Superseded:**



**Responsibility:** Hemodialysis Registered Nurse (RN)

**Effective Date:**  
June 2024

**Purpose of Guideline:**

**Initial Effective Date:**  
July 2005

**Equipment:** Phoenix Meter

<b>Procedure</b>	<b>Point of Emphasis</b>
(1) Daily QC should be performed and documented prior to use.	To ensure accurate results.
(2) Monthly calibration of Phoenix Meter will be performed and documented by Biomed.	To ensure calibration within manufacturer's 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.	Document Phoenix meter readings and machine readings in appropriate space on Hemodialysis Treatment Record 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.
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References: Phoenix Machine Operators Manual

Approved by:

*Kurt Kless, MSN, MBA, RN, NE-BC  
Chief Nursing Officer*

Initial effective date:

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*Review/Revision Completed by:*

Revised by: Paula Kosmider, BSN, RN  
Reviewed by Policy & Standard Committee  
*March 2011, January 2017, January 2020, December 2022*

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June 2027