


<b>Name of Policy:</b> <u>Hemodialysis Conductivity Sampling of Bicarbonate and Dialysate</u> <b>Policy Number:</b> 3364-118-31 <b>Department:</b> Chronic Kidney Disease Stage V Program/ Hemodialysis (Nursing Service) <b>Approving Officer:</b> Associate Vice President/ Associate Executive Director <b>Responsible Agent:</b> CEO, CKD Stage V Program <b>Scope:</b> The University of Toledo Medical Center	 <b>Effective Date:</b> June, 1995
<input type="checkbox"/> New policy proposal <input type="checkbox"/> Minor/technical revision of existing policy <input type="checkbox"/> Major revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy	

**(A) Policy Statement**

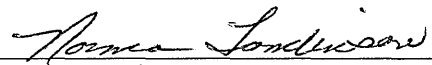
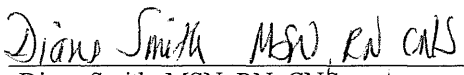
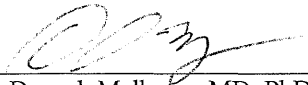
The conductivity of every machine will be checked prior to initiation of treatment.

**(B) Purpose of Policy**

To ensure adequate conductivity of dialysate solution.

**(C) Procedure**

1. Phoenix machine bicarbonate concentrate readings are recorded from the display screen.
2. Century 3 and Phoenix Machine dialysate conductivity sample will be drawn from sample port on venous line of Hansen.
  - A. Withdraw 10cc and discard
  - B. Withdraw 8-cc sample for conductivity reading.
3. Bicarbonate conductivity reading  $3.05 \pm .2$  mMho/cm  
Acceptable range 2.85 - 3.25
4. Centry 3: To change Na or Bicarbonate settings:
  - A. Press dialysate button on front panel
  - B. Press indicator across from sodium level or bicarbonate level
  - C. Adjust level up or down with appropriate arrow
  - D. Return to pressure/UFC screen

<b>Approved by:</b>   _____ Norma Tomlinson, RN, MSN, CNA Associate Vice President Associate Executive Director   _____ Diane Smith, MSN, RN, CNS CEO, CKD Stage V Program   _____ Deepak Malhotra, MD, PhD Clinical Director, CKD Stage V Program  <i>Review/Revision Completed By:</i> <i>Clinical Nurse Practitioner, Hemodialysis</i> <i>Technology Support</i>	<b>Review/Revision Date:</b> 3/95 4/96 9/97 10/98 2/00 7/02 7/03 7/05 11/06 1/23/2008  <b>Next Review Date:</b> 1/1/2011
<b>Policies Superseded by This Policy:</b>	

*It is the responsibility of the reader to verify with the responsible agent that this is the most current version of the policy.*