

NURSING SERVICE GUIDELINES HEMODIALYSIS

Guideline: Hemodialysis Conductivity
Sampling of Dialysate



Policy Number Superseded:

Responsibility: Hemodialysis Registered Nurse

Effective Date:
June 2024

Purpose of Guidelines: To ensure adequate conductivity of dialysate solution.

Initial Effective Date:
May 2015

Procedure:

- (A) A test is performed after the dialysis bath is changed. Initial reading is obtained from Fresenius machine.
- (B) Fresenius machine dialysate conductivity sample will be drawn from sample port on venous line.
 - (1) Withdraw 8-cc sample for conductivity reading with Phoenix meter.
 - (2) Readings obtained include conductivity, pH, and temperature.
 - (a) Conductivity: 13.4 -14.0 pH: 6.9 -7.6(AMMI)
 - (b) Temperature: 35.4 to 38.5C
- (C) Fresenius machine. To change Na or Bicarbonate settings:
 - (1) Press sodium button on front panel.
 - (2) Press indicator button for sodium level or bicarbonate level.
 - (3) Adjust level up or down by entering the value on the keypad.
 - (4) Return to main screen.

Approved by:
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Review/Revision Completed by:
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June 2027