

## NURSING SERVICE GUIDELINES HEMODIALYSIS

**Guideline:** Annual R/O Water Analysis  
and LAL Specimen Collection



**Policy Number Superseded:**

**Responsibility:** Biomed Technician

**Effective Date:**  
June 2024

**Purpose of Guidelines:** To ensure AAMI water standards are met for all the portable RO systems.

**Initial Effective Date:**  
July 2003

**Equipment:** Water analysis and LAL specimen containers  
Specimen container label  
UPS packaging container

<u>Procedure</u>	<u>Point of Emphasis</u>
(A) Portable RO Water Analysis	
(1) Obtain specimen container from Spectra Laboratories at 800-433-3773.	
(2) After water system disinfection process is complete, using clean catch method, fill specimen container and empty 2 times, then fill to top of container.	Specimens are collected to ensure water quality by AMI Standards. Clean catch method is used to decrease the possibility of contamination from the water outlet.
(3) Label specimen and ship UPS to Spectra Laboratories.	Label with date, R/O water, station, time
(B) LAL Water Specimen	
(1) Obtain specimen container from Spectra Laboratories.	

(2) Fill test tube to line (4.5ml). Use clean catch method.	Clean catch method is used to decrease the possibility of contamination from the water outlet.
(3) Label specimen and send to Spectra Laboratories per UPS.	Label with date, portable RO water, station, time.

**LAL Specimen Schedule****Specimens are collected on rotating schedule**


**References:** CMS Regulations 2017

Approved by:

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

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Review/Revision Completed by:

*Tom Shaw, Biomedical Engineering*

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