



Rancho Los Amigos National Rehabilitation Center
DEPARTMENT OF NURSING
ADMINISTRATIVE
POLICY AND PROCEDURE

SUBJECT: Hemodialysis: Wand Disinfection

Policy: A190.9

Effective Date: July 3, 2023

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PURPOSE: To outline the process for disinfecting the Wand post hemodialysis procedure

POLICY STATEMENTS: The Dialysis Service (Hemodialysis Nurse or Technician) will disinfect the wand post patient procedure

PROCEDURE:

SUPPLIES:

- Reverse Osmosis (RO) or Deionized (DI) water (AAMI quality)
- Bleach solution at 1:100 ratio
- Liquid measuring cup capable of measuring ¼ cup or 60cc
- Personal Protective Equipment (PPE):
 - Gloves
 - Face shield or mask and goggles
 - Gown
- Basin (do not use sink used for hand washing) to hold wands
- Water Check Serum residual chlorine test strip
- "Bleach is Present" sign

Procedural steps for disinfection of the wand:

1. Perform hand hygiene and don PPE
2. Rinse Wand
 - Rinse wand with RO or DI water, allowing the water to run through the hose and cap connector of the wand.
3. Disinfect Wand:
 - Submerge wand(s) in a basin with 1:100 bleach solution and soak for 10 minutes, using timer

Keynote: May re-use wand(s) as long there is no evidence of cracks or leaks when the wand is connected to the dialysis machine.
3. Rinsing the Wand(s):
 - Change gloves before rinsing
 - Remove the wands from the basin
 - Rinse the outside of the tubing of the wands with RO or DI water
 - Flush the inside tubing of the wands by holding in the RO or DI water stream and allowing the water to flush through the tubing
 - Always confirm the absence of chlorine on the Wand by using water check Serim residual chlorine test strip. Repeat rinse procedure until test indicated negative of chlorine residue
 - Empty the bleach solution from the basin
 - Rinse the basin with RO or DI water allowing the water to flush the inside and outside of the basin
4. Storage:
 - Hang wand(s) in a vertical position in the "clean" container
5. Documentation:
 - Document on the disinfection log with date, time, name, and signature of the Hemodialysis technician or nurse

References:

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Fresenius Medical Care. Operator's Manual 2008T Machine Operator's Manual P/N 490122 Rev Z

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Rancho Los Amigos Infection Prevention and Control Policy number IC100

Rancho Los Amigos Policy C109- *Transfusion of Blood Products and Colloid Solution*

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