

**OLIVE VIEW-UCLA MEDICAL CENTER  
DEPARTMENT OF NEPHROLOGY  
POLICY & PROCEDURE**

**NUMBER: 11764  
VERSION: 1**

**SUBJECT/TITLE: DIALYSIS: WAND DISINFECTION**

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

**PURPOSE:** To outline the process for disinfecting the Wand post patient procedure

**DEPARTMENTS: ALL**

**DEFINITIONS:**

**PROCEDURE: SUPPLIES**

The following supplies will be needed for the procedure:

- 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 Serim residual chlorine test strip
- “Bleach is Present” sign

Follow the steps below to perform the disinfection of the wand:

1. Rinse Wand:
  - Rinse wand with RO or DI water, allowing the water to run through the hose and cap connector of the wand.
2. Disinfect Wand:
  - Submerge wand(s) in a basin with 1:100 bleach solution and soak for 10 minutes, using timer.
  - Note: May re-use wand(s) as long as there is no evidence of cracks or leaks when the wand is connected to the dialysis machine.

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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.
  - 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 RN/tech.

References: Fresenius-2008 Series Hemodialysis Machine Operator Manual	
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