Title: **DISINFECTION OF HEMODIALYSIS R/O WATER SYSTEM**

Responsibility: Biomed Technician

Purpose: Disinfection of the Hemodialysis R/O water system using 1% Minncare will be performed monthly to prevent bacterial contamination of the Hemodialysis water system.

**Procedure**

1. Any dialysis treatments performed during the disinfection process will be connected to portable R/O machines.

2. Disinfection per biomed protocol.

3. Specimens for R/O and DI loop and colony count and culture will be collected by the technician.

4. Specimen results will be reviewed by The Medical Director of the Hemodialysis Unit and kept in the Hemodialysis log binder in the Hemodialysis unit.

5. Specimen results that are out of range will be reported to the Medical Director of the Hemodialysis Unit and the Nurse Manager. All treatments will be performed using portable R/O Machines until re-disinfection of the water system is performed and repeat cultures are negative.

**Point of Emphasis**

To prevent patient contact with bleach solution.

Specimen collection is an AAMI standard. Specimens are sent to Spectra Laboratories.

Unacceptable specimen results pose a risk to patients which will require the water system to be re-disinfected and cultured.

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References: AMI Standards 2015, CMS Regulations 2016