

- HM.9.7 Reverse Osmosis (RO) system including the feeding pipelines into the hospital is disinfected at least once per month, preferably by heat as well as by chemical disinfection.
- HM.9.8 All physical and monitoring checks are verified and signed off by the nephrologist with recording of any corrective actions taken (e.g., out of range results for tests of water or dialysate).
- HM.9.9 Written record and results of microbiological and chemical testing of water are in place and reviewed.

**Standard Intent:**

Water quality is critical factor in renal dialysis. Thus, the hospital establishes a process to monitor water quality, chemically and microbiologically, including biological testing of water. A policy should be established and implemented, the policy should define the testing frequency based on the manufacturer's recommendations, and risk levels, and hospital experience. Actions are implemented when water quality is found to be unsafe.

**HM.10 The nurse in charge of the hemodialysis unit ensures the competency of the nursing staff.**

- HM.10.1 The nursing staff receive ongoing training and education on all relevant policies including, but are not limited to, the following:
- HM.10.1.1 Care of patients with AV fistula/AV graft.
  - HM.10.1.2 Dialysis procedures.
  - HM.10.1.3 Care of tunneled/non-tunneled catheters.
  - HM.10.1.4 Peritoneal dialysis.
  - HM.10.1.5 Assessment of patient's volume status.
  - HM.10.1.6 Anticoagulation.
  - HM.10.1.7 Management of clotted access.
  - HM.10.1.8 Hyperkalemia.
  - HM.10.1.9 Pulse oximetry.
  - HM.10.1.10 Blood transfusion.
  - HM.10.1.11 Use of defibrillator.
  - HM.10.1.12 Infection control.
- HM.10.2 The nursing staff competencies are assessed by using different methods (e.g., written test, return demonstration) and results are documented.

**Standard Intent:**

The nurse in charge of the hemodialysis unit ensures the competency of the nursing staff and all nursing staff receive ongoing training and education on all relevant patient care issues as in substandard HM.1.1 through HM.10.1.12. In addition, nursing staff competencies are assessed by using different methods (e.g., written test, return demonstration) and results are documented.