



The hemodialysis unit must have an admission and discharge criteria consistent with evidence-based practice and are collaboratively developed by nephrologists, nursing staff, and other relevant departments.

HM.5 Policies and procedures guide the care of patients requiring hemodialysis.

HM.5.1 Care of patients in hemodialysis unit is guided by policies and procedures that include, but are not limited to, the following:

- HM.5.1.1 Assessment and reassessment of patients.
- HM.5.1.2 Assessment of volume status.
- HM.5.1.3 Care and monitoring of patients with arterio-venous fistula/graf.
- HM.5.1.4 Care and monitoring of tunneled/non-tunneled catheters.
- HM.5.1.5 Management of clotted access.
- HM.5.1.6 Preparation of hemodialysis machines.
- HM.5.1.7 Dialysis procedures.
- HM.5.1.8 Peritoneal dialysis.
- HM.5.1.9 Anticoagulation.
- HM.5.1.10 Management of electrolytes imbalance.
- HM.5.1.11 Management of dialysis-induced complications.
- HM.5.1.12 Management of cardiopulmonary collapse and urgent medical conditions.
- HM.5.1.13 Emergency transfer of patients.

HM.5.2 Policies and procedures are implemented as evidenced in the daily practice and the patient's medical record.

Standard Intent:

The hemodialysis unit must have policies and procedures to guide the care of patients requiring hemodialysis and include all elements in sub-standards HM. 5.1.1- HM.5.1.13. In addition, the policies and procedures should be implemented as evidenced in the daily practice and the patient's medical record.

HM.6 Equipment and machines in the hemodialysis unit are in good working conditions.

- HM.6.1 All equipment and machines are operated within manufacturer's specifications.
- HM.6.2 The preventive maintenance program -for equipment related to patient care- is developed and implemented in accordance with manufacturer's instructions.
- HM.6.3 The preventive maintenance program is performed by qualified staff/entities.
- HM.6.4 All records for maintenance and repair are kept on file for future reference and inspection.
- HM.6.5 Staff are oriented to equipment in use.



HM.6.6 Staff are trained to identify malfunctioning equipment or machines and to report to appropriate staff for repair.

HM.6.7 Each dialysis machine is equipped with monitors and an alarm system.

HM.6.8 The preventive maintenance program includes the water treatment and distribution system.

Standard Intent:

Hemodialysis unit has specialized medical equipment and machine, to ensure that medical equipment is available for use and functioning properly, the hospital performs and documents

- * Regular inspections of medical equipment including the water treatment and alarm system;
- * Testing of medical equipment according to its use and manufacturers' requirements; and
- * Performance of preventive maintenance.

Qualified individuals provide these services. Inspections, testing results, and any maintenance are documented and kept for future reference. Staff responsible for operating or maintaining medical equipment receive special training. The training can be from the hospital, the manufacturer of the equipment, or some other knowledgeable source. The hospital plans a program designed to periodically test staff knowledge on emergency procedures, including the use and failure of medical equipment that poses a risk to patients and staff.

HM.7 Infection control guidelines specific to the dialysis services are developed and implemented.

HM.7.1 Infection control guidelines are developed or adopted from authoritative sources or relevant professional organizations.

HM.7.2 Infection control guidelines include, but are not limited to, the following:

- HM.7.2.1 Adequate space (1.2 -1.5 meters) between patients to prevent transmission of infection.
- HM.7.2.2 Separation between patient care (contaminated) and office/supply areas (clean).
- HM.7.2.3 Standard precautions are strictly implemented in the unit with special emphasis on hand hygiene and the appropriate use of gloves, gowns, masks, and other barriers.
- HM.7.2.4 Adequate supply of personal protective equipment is available and readily accessible.