



Job Code: 2084

Grade: 13

HCWR: N

Job Title
Dialysis Technician

Department
Renal Dialysis

Job Summary

The Dialysis Technician is a hemodialysis trained professional who is a primary care giver for patients undergoing dialysis treatment. Under the direction of the Nurse Coordinator II, responsible for operating hemodialysis machines and equipment during treatments. This position is responsible for understanding the principles of dialysis, process of dialysis treatment, and how to respond to the physical and emotional needs of the patient receiving dialysis treatment.

Typical Duties

- Operates and maintains dialysis equipment for patients receiving dialysis treatment.
- Collects necessary supplies and materials to prepare for dialysis treatment.
- Prepares dialysis machine before starting dialysis treatment. Tests monitors and machine functions, including alarms, conductivity and temperature. Ensures machine is set and ready. Reports any issues or concerns to the nurse.
- Assembles and prepares dialysate, according to established protocol and prescribed dosage.
- Primes dialyzer with saline or heparinized solution to prepare machine for use.
- Transports patient to dialysis room and explains dialysis procedure and operation of hemodialysis machine to patient before treatment to allay anxieties.
- Takes and records patient's pre and post dialysis weight and vital signs. Monitors patient's condition and reports any signs of abnormalities to the nurse or physician.
- Ensures the patient record is documented according to Documents patient treatment including
- Cleans area of access, using antiseptic solution; connects hemodialysis machine to access in patient's forearm or catheter site to start blood circulating through dialyzer.
- Inspects equipment settings, including pressures, conductivity, and temperature to ensure conformance to safety standards.
- Starts blood flow pump at prescribed rate.
- Inspects venous and arterial pressures as registered on equipment to ensure pressures are within established limits.
- Calculates fluid removal or replacement to be achieved during dialysis procedure.
- Monitors patient for adverse reaction and hemodialysis machine for malfunction.
- Cleans and disinfects dialysis treatment equipment and treatment area after each use to support Cook County Health & Hospitals System (CCHHS) policies and procedures by maintaining a safe and clean working environment for patients and staff.
- Attaches dialyzer and tubing to the dialysis machine prior to next use.
- Maintains quality control water treatment system according to the Association for the Advancement of Medical Instrumentation (AAMI).
- Collects, labels, and stores laboratory samples required by the laboratory department.
- Assists with scheduling patients, answering phones and entering information into the systems.



Typical Duties

- Assists with scheduling patients, answering phones and entering information into the systems.
- Monitors supply inventory and reorders as needed.
- Participates in meeting and in-services.
- Collaborates with staff to identify and meet patient education goals.
- Must be available for on-call rotations, including nights and weekends
- Performs other duties as assigned.

Minimum Qualifications

- High School diploma or GED
- Certified Hemodialysis Technician (CHT) by the Board of Nephrology Examiner Nursing and Technology (BONET) or National Nephrology Certification Organization (NNCO) OR Certified Clinical Hemodialysis Technician (CCHT) by the Nephrology Nursing Certification Commission (NNCC)
- One (1) year of experience performing acute or chronic hemodialysis treatment
- Must be available for on-call rotations, including nights and weekends
- Must possess a Basic Life Support (BLS) certification

Preferred Qualifications

- NA

Knowledge, Skills, Abilities and Other Characteristics

- Knowledge of dialysis procedures, operating and maintaining dialysis equipment
- Knowledge of medical and surgical terminology
- Excellent verbal and written communication skills necessary to communicate with all levels of staff and a patient population composed of diverse cultures and age groups
- Demonstrate analytical and organizational, problem-solving, critical thinking and conflict management/resolution skills
- Ability to perform accurate and reliable mathematical measurements
- Ability to maintain a professional demeanor and composure when challenged
- Demonstrate attention to detail, accuracy and precision

Physical and Environmental Demands

This position is functioning within a healthcare environment. The incumbent is responsible for adherence to all hospital and department specific safety requirements. This includes but is not limited to the following policies and procedures: complying with Personal Protective Equipment requirements, hand washing and sanitizing practices, complying with department specific engineering and work practice controls and any other work area safety precautions as specified by hospital wide policy and departmental procedures.



The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of the personnel so classified.

For purposes of the American with Disabilities Act, “Typical Duties” are essential job functions.