### Job Description for Hemodialysis Technician

**Reports To**

Nurse Manager

**Job Summary**

Performing assigned patient care activities under the direct supervision of a Registered Nurse in accordance with established policies, procedures and guidelines set forth by federal, state and local regulations.

**Duties**

Under the direct supervision of a Registered Nurse, this position will provide skilled technical services for Renal Disease patients undergoing dialysis.

- The Hemodialysis technician assures effective and efficient service and responds to the licensed caregiver's direction any time the treatment varies from normal parameters, or the patient's condition becomes unstable.
- Sets up and operates hemodialysis machine to provide dialysis treatment for patients with kidney failure: Attaches dialyzer and tubing to machine to assemble for use.
- Mixes dialysate, according to formula. Primes dialyzer with saline or heparinized solution to prepare machine for use.
- Transports patient to dialysis room and positions patient on lounge chair at hemodialysis machine.
- Takes and records patient's predialysis weight, temperature, blood pressure, pulse rate, and respiration rate.
- Explains dialysis procedure and operation of hemodialysis machine to patient before treatment to allay anxieties.
- Cleans area of access (fistula, graft, or catheter), 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 (proportion of chemicals to water), 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.
• Takes and records patient's postdialysis weight, temperature, blood pressure, pulse rate, and respiration rate. May fabricate parts, such as cannulas, tubing, catheters, connectors, and fittings, using handtools.

**Job Limitations**

Work outside the scope of practice as defined in their skills checklist.

**Qualifications**

• Requires a High school diploma or GED certificate.
• Must have a minimum of three (3) years experience as a Dialysis Technician.
• Current BLS
• Current certification as a Clinical Hemodialysis Technician (CCHT) granted by the Nephrology Nursing Certification Commission; OR Current certification as a Clinical Hemodialysis Technician (CHT) granted by the Board of Nephrology Examiners Nursing and Technology; OR Current certification as a Clinical Nephrology Technologist (CCNT) granted by the National Nephrology Certification Organization.
• Must possess good interpersonal and communication skills both verbally and in writing including knowledge of basic grammar, spelling & punctuation.
• Must be able to handle multiple tasks simultaneously and demonstrate excellent organizational skills.
• Must have the proven ability to maintain professional conduct, and confidentiality in the care of patients.
• Must possess basic computer skills.

**Lifting Requirements**

Heavy – frequent lifting, not more than 100 pounds (with help) and/or carrying objects weighing up to 50 pounds.