

Renal Dialysis Technology

Objectives: Medical Imaging Technology student should

- a) Perform the different procedures required by the Dialysis unit like priming dialysis circuit, cannulation, central line insertion and peritoneal dialysis etc.
- b) Understand the reuse of dialysers
- c) Monitor the patients undergoing haemodialysis
- d) Perform Quality control procedures
- e) Have knowledge about Hospital Infection Control measures

Outcome After completing three years of Renal Dialysis Technology course, the graduate should be able to

- a) Work as efficient Renal dialysis technologist under the Nephrology department
- b) Perform, maintain and monitor the haemodialysis procedures
- c) Work and contribute in NABH accreditation program

Training Provided

1. Hands on training in the following procedures:

- IV and AV cannulation
- Central line insertions
- Renal biopsy

2. Hands on training and exposure to different types of Dialysis:

- The department has 25 dialysis units and good patient inflow
- Sustained low efficient dialysis(SLED)
- Peritoneal dialysis
- Termination of dialysis
- Reuse technology: Trained to reuse of dialyzers and tubing's

3. Good exposure and teaching regarding patient care before and after dialysis

4. Regular bed side and theoretical teaching

Internship training

Renal Dialysis Technology students should be able to perform the following:

- a) Assisting central Line Insertion, peritoneal dialysis and renal biopsies
- b) Priming dialysis circuit
- c) Cannulation of A V access
- d) Monitoring of patients undergoing hemodialysis
- e) Termination of Dialysis
- f) Reuse of Dialysers