

(110-MED-16-01) DIPOLMA Dialysis Technology

1. Significance of Program

There has been a rise in chronic kidney diseases worldwide because of common factors such as diabetes, hypertension, ageing populations, and other chronic conditions. Dialysis technology is important for managing advanced stages of chronic kidney diseases and improving the patient's life by extending survival.

2. Career Options

Assisting in the treatment of patients with kidney disease or kidney failure. The job description of a dialysis technician in a hospital typically includes the following responsibilities: Setup and Preparation: Dialysis technicians are responsible for preparing the dialysis machines and equipment before each treatment session. This involves sterilizing and maintaining the equipment, ensuring the availability of necessary supplies, and verifying the accuracy of the dialysis prescription. Patient Care: Dialysis technicians are directly involved in providing care to patients undergoing dialysis treatment. They assist patients in preparing for the procedure, which may involve taking vital signs, reviewing medical history, and discussing any concerns or questions. During dialysis.

3. Program Objectives

Objective: To establish a long-term career in a company where I may utilize my Dialysis Technician professional skills and knowledge to be an effective Dialysis Technician and inspiration to those around me.

Skills: Management Skills, Transportation Skills, Planning Skills.

4. Outcomes of the Program

Training Outcomes After completing this programme, participants will be able to: Demonstrate knowledge about Renal Failure (ARF & CRF) and its management. Demonstrate pre dialysis patient assessment. Demonstrate dialyzer extracorporeal blood circuit priming and setting up the machine for dialysis procedure.

5. Major Course Outline

- Physiology and Anatomy of Human Kidney
- Renal Diseases
- Principles Of Dialysis
- Haemodialysis Machine

- Basic Human Anatomy
- Anticoagulation

Core	Electives	Skill Course
Physiology And Anatomy of Human Kidney Principles of Dialysis Haemodialysis	Biochemistry	Required Knowledge, Skills, Abilities and Attributes: Good knowledge of the standards of accepted patient care; good knowledge of the principles and practice of aseptic techniques; good knowledge of equipment, instruments, procedures and supplies used in hemodialysis; demonstrate skill in nursing techniques