



VICTORY COLLEGE OF NURSING
VALUE ADDED COURSE
DIALYSIS NURSING

Course description

The dialysis nursing certification course is designed to provide nurses with knowledge, skills and hands on practice required to excel in the specialized field of dialysis nursing. This comprehensive programme covers essential theory and practical related to dialysis in particular haemodialysis ensuring that nurse can confidently care for the patients with Chronic kidney diseases. The participants will gain deep understanding about chronic kidney diseases, haemodialysis procedure, nursing management and patient counselling.

Objectives

At the end of the course participants will be able to:

- Understand the pathophysiology and identify symptoms of chronic kidney disease.
- Perform renal assessment
- Interpret and draw inferences to relevant investigation findings
- Comprehend the principles and concepts of dialysis
- Prepare patients and care givers for Haemodialysis.
- Develop competencies in procedures pertaining to haemodialysis adhering to protocols and guidelines.
- Assist nephrologist, dialysis technicians and other health care providers in dialysis procedure: Initiation, monitoring, & discontinuation.
- Monitor the patient's blood pressure, heart rate and other vitals during the dialysis treatment to ensure maintenance of adequate haemodynamics.
- Identify fluid, electrolyte and acid- base imbalances and manage appropriately.
- Prevent, Identify and manage complications related to Haemodialysis
- Educate the patient and their family members haemodialysis, including medication, nutrition, lifestyle changes, and compliance with the prescribed treatment.
- Record and report

Duration: 1 Credit (20 hours)

Participants: Registered Nurses & Midwives, BSc(N) 3rd & 4th year students, PB.B.Sc (N) & MSc (N) students.

Course fees: Rs.1000/

Course Frequency: Twice in a year

Module

1. Module-1: Review of anatomy and physiology of kidney, Chronic kidney disease.
2. Module-2: Renal assessment, Common investigations, and Inference.
3. Module-3: Dialysis, types of dialysis, Dialyzer, Dialyzing machine and its operation.
4. Module-4: Concept and principles haemodialysis, procedure: Initiation, monitoring, & discontinuation, protocols & guidelines.
5. Module-5: Management of fluid, electrolyte and acid-base imbalances, complications of dialysis and its management, Infection control.
6. Modul-6: Role of Nurses in dialysis, Patient counselling