

## Methods of Evaluation

### Theory:

- \* Unit tests – 2 (20 marks)
- \* Assignment – 1 (5 marks)
- \* Final Test – 1 (50marks)
- \* Total: 100marks

### Clinical Practice:

- \* Completion of Log book- 20marks
- \* Clinical Evaluation - 5marks
- \* Practical Exam (OSCE) – 25 marks
- \* Total: 50marks

### Criteria for Certification in Peritoneal Dialysis Nursing

1. 75% marks scored in theory and 80% in practical exam
2. 100% attendance during the course
3. Satisfactory completion of the log book during the course

### Course fee

A one-time non-refundable fee of Rs. 20, 680/- (Corporate & Private), \* Rs. 13,800/- ( Mission & Government) + 18% GST has to be paid after getting the selection communication from CMC.

### Application:

Application can be downloaded from the website

Website address: [www.concmc.org](http://www.concmc.org)

The filled in application should be sent to the following address along with Demand Draft favoring “CMC Vellore Association“ for Rs. 250/- payable at Vellore

Dr. Vinitha Ravindran  
Head of the Department  
Continuing Nursing Education & Research  
College of Nursing, Kagithapattarai Campus  
Christian Medical College  
Vellore – 632004. Tamil Nadu.

### Enclosures

Candidates have to submit photocopies of their undergraduate or post graduate certificates, RN, RM Certificates in support of their qualification along with the application form

### For further information, contact:

Department of CNE & Research  
College of Nursing,  
Christian Medical College, Vellore-632004  
0416 - 228- 7017,

Our email Address: [cnecon@cmcvellore.ac.in](mailto:cnecon@cmcvellore.ac.in)  
\* Mission hospitals affiliated with CMC Vellore Association

### Course Facilitators:

Dr. Vinitha Ravindran, MSN, PhD  
Professor & Head  
Department of Continuing Nursing Education & Research  
College of Nursing, CMC, Vellore.

Mrs. Anandha Ruby Jacob, MSN  
Professor & Head  
Medical Surgical Specialty Nursing III  
College of Nursing, CMC, Vellore

### Course Coordinator:

Mrs. Reena George, MSN  
Professor and Nurse Manager, Dialysis Unit  
College of Nursing, CMC, Vellore

### Teaching Faculty:

Faculty from Department of Nephrology, Departments of Medical Surgical Specialty Nursing III (Nephrology Nursing)

### Core Course Faculty

#### Nursing:

Mrs. Reena George, Professor, College of Nursing, CMC, Vellore

Mrs. Shalini Chandran, Associate Professor, College of Nursing, CMC, Vellore

#### Medical:

Dr. Santosh Varughese, Professor & Ag. Head, Dept of Nephrology, CMC, Vellore

Dr. Anna Valson, Associate Professor, Dept of Nephrology, CMC, Vellore

**Commencement of the course 3rd Batch:**

**February 28 to March 27, 2022**

**Last date for the submission of application:**

**15th February 2022**

**Dr. Vathsala Sadan**  
Dean,  
College of Nursing  
CMC, Vellore.



## SHORT COURSE ON PERITONEAL DIALYSIS NURSING

Conducted By  
College of Nursing &  
Department of  
Nephrology,  
CMC, Vellore

Endorsed by  
International Society  
of Nephrology, Peri-  
toneal Dialysis Society  
of India & Indian So-  
ciety of Nephrology



## Preamble

This short course is designed to prepare registered nurses working in nephrology settings with specialized knowledge, skills and competence in providing Peritoneal Dialysis (PD) to patients with End Stage Renal Disease. It is also aimed to equip them to educate, train and counsel patients and care givers on various aspects of Peritoneal Dialysis Therapy.

The nurses through training can take up autonomous roles as educators, facilitators and counsellors, thus functioning as integral members of the PD team.

## Objectives of the course:

### The course participants will be able to

- \* Relate the anatomy and physiology of kidneys to pathophysiology and management of Chronic Kidney Disease
- \* Understand the disease process, identify symptoms and manage patients with Chronic Kidney Disease.
- \* Interpret and draw inferences to relevant investigation findings
- \* Identify fluid, electrolyte and acid- base imbalances and intervene appropriately.
- \* Comprehend the principles and concepts of Peritoneal Dialysis with relation to anatomy and physiology of peritoneum
- \* Select and prepare patients and care givers for PD modality.
- \* Assess the patients before Peritoneal catheter insertion and while on PD therapy
- \* Assist efficiently for PD catheter insertion
- \* Develop competencies in procedures pertaining to peritoneal dialysis adhering to protocols and guidelines.
- \* Prevent, Identify and manage complications related to PD therapy
- \* Gain an overview of renal transplantation
- \* **Provide comprehensive, evidence based and individualized nursing care to patients with CKD undergoing peritoneal dialysis therapy incorporating the acquired knowledge and skills**

## Eligibility criteria

1. Nurses with GNM, B.Sc or M.Sc qualification

## Organization of Course

**Duration:** This is a short term course of 4 weeks duration.

**Total Hours:** 4x 45 hrs = 180hrs

Theory Hours: 27 hrs

Clinical Hours: 153 hrs

## Curriculum Content

Structured Theory	Hours allotted	Practical Components of Learning
Review of anatomy of kidney, Physiology of urine formation	2	
Renal Assessment, Common Investigations, Inference	2	Perform Renal Assessment, Infer the results of investigations Prepare patients and assist for special procedures. Perform post procedural care.
Fluid and Electrolyte imbalances- Identification and Management	2	Interpret ABG Identify fluid volume excess, Fluid volume deficit and electrolyte imbalances
Chronic Kidney Disease- An overview	2	GFR Estimation and Staging of CKD
Peritoneal Dialysis- Principles and Concepts	2	

Structured Theory	Hours allotted	Practical Components of Learning
Selection and Assessment of Patients on Peritoneal Dialysis	2	Perform assessment of patients before PD initiation (Using the pro-forma)
PD catheter Insertion- Procedure, Responsibilities of PD nurse	2	Assist for Percutaneous PD catheter insertion Prepare patient for the procedure
Peritoneal Dialysis Exchange- procedure	2	Observe PD Exchange Perform PD exchange
Peritoneal Dialysis – Prescription, Assessing Adequacy	2	Assist for Peritoneal Equilibration Test (PET) Review Questionnaire to assess PD adequacy (Using Pro-forma)
Complications of Peritoneal Dialysis- Prevention, Identification and Management	2	Perform Hand hygiene Biomedical waste management Exit site care Handling of PD catheter during exchange
Infection Control Practices in PD unit, Nutritional considerations for patients with PD	2	Prepare Health information of PD diet Trouble shooting- Complications
Components in counselling and training of patients and care givers	3	Counsel and train patients for PD
Renal Transplant - An Overview	2	Visit transplant OPD (with Renal Transplant Nurse Coordinator)