

Program	Institute
M.Sc. Renal Replacement Therapy & Dialysis Technology	Manipal College of Health Professions (MCHP), Manipal

### Department Test (DT) 2022 Details

- Test Duration: 60 minutes
- Total Questions: 60 MCQs
  - Hemodialysis (15 Qs), Vascular Access (15 Qs), Dialysis Fluid (5 Qs), Kidney Disease (10 Qs), Peritoneal dialysis (5 Qs), Renal Transplantation (5 Qs) and Advanced Extracorporeal Blood Therapies (5 Qs)
- Max marks: 60
- Marking Scheme: **No Negative marking**
- Schedule & Mode: Refer [www.manipal.edu/dt](http://www.manipal.edu/dt) for updates

### HEMODIALYSIS (HD)

Indication and contraindications, principles, modalities, procedure steps, hemodialysis apparatus, technical set up, pre-HD patient assessment, intra dialytic complications, Post HD assessment and patient education, dialyzer reprocessing and water treatment plant.

### VASCULAR ACCESS (VA)

Types, VA creation and devices used, VA assessment and care, complications, Needling techniques.

### DIALYSIS FLUIDS

PD and HD fluids, preparation and composition

### KIDNEY DISEASE

Types, classification, manifestations and abnormalities, causes, signs and symptoms, management.

### PERITONEAL DIALYSIS (PD)

Indications and contraindications, modalities, procedure steps, PD access, PET, PD complications and management

### RENAL TRANSPLANTATION

Principles, types, transplant workup and counselling, immunosuppressive drugs, complications and post-transplant quality of life.

### ADVANCED EXTRACORPOREAL BLOOD THERAPIES

Continuous Renal Replacement Therapy (CRRT), Hemadsorption and Plasmapheresis.

♣ Best of Luck ♣

Updated: 6.05 PM, Jan 25, 2022