

THANJAVUR MEDICAL COLLEGE&HOSPITAL

DEPARTMENT OF NEPHROLOGY

Details

1. about us:

Nephrology is the branch of medicine that deals with the study, diagnosis, and treatment of kidney diseases. A department of Nephrology typically offers a range of services to patients with kidney problems. Some of the good services provided by a Nephrology department may include:

1. Comprehensive diagnosis: Accurate diagnosis of kidney diseases using advanced tests and techniques.
2. Dialysis: Hemodialysis and peritoneal dialysis services for patients with end-stage renal disease.
3. Kidney transplantation: Evaluation, surgery, and post-transplant care for kidney transplant patients.
4. Chronic kidney disease management: Personalized treatment plans for patients with CKD to slow disease progression.
5. Acute kidney injury treatment: Prompt and effective treatment for patients with sudden kidney injury.
6. Kidney stone treatment: Medical and surgical management of kidney stones.
7. Hypertension and electrolyte management: Treatment of high blood pressure and electrolyte imbalances related to kidney disease.
8. Kidney disease prevention: Education and counseling on lifestyle modifications to prevent kidney disease.
9. Research and clinical trials: Participation in research studies and clinical trials to advance kidney disease treatment.
10. Multidisciplinary care: Collaboration with other specialists, such as cardiologists and diabetologists, to provide comprehensive care.

TMCH, Dept of Nephrology Started in 1984

First Nephrologist, 1985

1985-1986 - Only Peritoneal dialysis

1986 - Hemodialysis started with Two
HD machines(20-30 cycles/month)

1997 - Two more HD machines

1999 - Separate Nephrology ward created

2006 - Paramedical certificate course of
Diplomo in Diaysis Technology

2015 - First Live Renal Transplant

2018 - 13/500 New HD unit with HD machines

2020 - 235, PMSSY HD unit with 10 HD machines

- Separate HD unit for Hepatitis B and Hepatitis C.

These services aim to provide high-quality care and improve outcomes for patients with kidney diseases.

2. Department academics :(Provide the acedemic details of the department)




Example format is given below

1. Paramedical Course
2. B.Sc Dialysis Technician.

3. Infrastructure (Provide the Infrastructure details of the department) Example format is given below

- A. Lecture Halls - 1
- B. Library - 1
- C. Demo Room -1
- D. Wifi-Connection availbale
- E. Audio-Visual Equipment available -1
- F. Bedside Ultrosonography available – 1

4. Faculty details :

S.No	Name	Designation	Qualifacation	TNMC Registration number	Email id	Photo
1.	DR.G.Gowthaman	Associate Professor	MD.,DM.,	57031	gowsidr7227@gmail.com	
2.	DR.V.Rajakumar	Assistant Professor	MD.,DM.,	69596	drrajmd78@gmail.com	
3.	DR.K.Chandrasekaram	Assistant Professor	MD.,DM.,	79769	drchan07@gmail.com	

5.Publication details by the faculty(Provide the details of the publicatio in the following format Provide HOD details,Professor details, Associate details followed by AP/SR details in order.

S.No	Name	Designation	Title	Journal Name	Month Year of Publication	Order of Author	Type of Article
1.	DR.G.Gowthaman	Associate Professor	Diarrhe in Renal Transplan Recipients-A Cross Section Study	Medico Research Chronicles(Index Copernicus.	Feb - 2019	Corresponding Authorship - I	
			Clinical Profile and Response to tuberculosis treatment in chronic kidney disease.	Medico Research Chronicles(Index Copernicus)	Dec - 2020	Corresponding Authorship - I	
			Unrecognized Renal Dysfunction in Patients with Acute stroke-Cross sectional Study.	Medico Research Chronicles(Index Copernicus)	Jan-2022	Corresponding Authorship - I	
2.	DR.V.Rajakumar	Assistant Professor	sUPAR: Is it the ideal marker of FSGS?	Stanley medical journal	September 2014	First author	
			Demographic and clinical profile of Hypokalemic paralysis in patients of	International journal of scientific research	August 2022	Third author	

			Tertiary care hospital in South India				
			Comparison of Renal function assesment by Cystatin C and Creatinine based eGFRin Type 2 Diabetes melltus for early diagnosis of Diabetic nephropathy	Global journal for research analysis	September 2022	Second author	
3.	DR.K.Chandrasekaram	Assistant Professor	A study on the pattern of biopsy proven renal disease from a Tere two city in South India	Indian Journal of Applied Research	December 2018	Corresponding author	
			Demographic and clinical profile of Hypokalemic paralysis in patients of Tertiary care hospital in South India	International journal of scientific research	August 2022	First author	
			Comparison of Renal function assesment by Cystatin C and Creatinine based eGFRin Type 2 Diabetes melltus for early diagnosis of Diabetic nephropathy	Global journal for research analysis	September 2022	First author	

6. Awards and achievement by department and faculty:

Achievement :

Renal Transplantation – 20 Patients in Our Department

7. Census Details:

Total Bed Strength in Department - 58

S.No	Month-Year	Total OP	Total IP	Average Bed Occupancy
1	Jan-2024	1768	1502	56
2	Feb-2024	1775	1357	54
3	Mar-2024	1794	1503	55
4	Apr-2024	1894	1857	57
5	May-2024	1894	1531	57
6	June-2024	2003	1189	54