

MAJEESH M

DIALYSIS TECHNOLOGIST

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PROFESSIONAL PROFILE

Dedicated and clinical-oriented Dialysis Technologist with hands-on expertise in hemodialysis procedure management, advanced renal therapies, vascular access care, and holistic patient monitoring. Highly proficient in setting up and operating state-of-the-art dialysis machines, executing specialized critical care therapies including Continuous Renal Replacement Therapy (CRRT), Plasmapheresis (TPE), Peritoneal Dialysis (PD), and Hemoperfusion, while managing central RO water purification plants adhering strictly to AAMI and ISO safety guidelines.

CLINICAL EXPERIENCE

Dialysis Technologist | Krishnarajapuram General Hospital (NephroPlus Unit), Bangalore Present

- Executing high-quality hemodialysis treatments and managing routine care for chronic and acute renal failure patients.
- Handling hemodialysis equipment setup, priming, machine calibration, and intra-dialytic patient monitoring.
- Performing vascular access care including AV fistula/graft cannulation and central line management under strict sterile protocols.

Clinical Trainee - Dialysis Technologist | NG Institute of Paramedical Sciences 2025 – 2026

- **Dialysis Operations:** Assembled, calibrated, and safely operated hemodialysis equipment, ensuring rigorous pre-dialysis checklists, blood line priming, and precise dialysate flow management.
- **Advanced Therapies:** Managed clinical setups and execution of Continuous Renal Replacement Therapy (CRRT), Therapeutic Plasma Exchange (TPE), Peritoneal Dialysis (PD), and Hemoperfusion in critical ICU settings.
- **Vascular Access:** Mastered AV fistula/graft cannulations, central venous catheter connections, and sterile dressings under strict aseptic conditions.
- **Patient Care & Safety:** Continuously monitored intra-dialytic vital signs, managed clinical emergencies like hypotension or muscle cramps, and calculated accurate ultrafiltration target rates.
- **Water Quality & RO Maintenance:** Conducted routine operations and monitoring of central RO water purification units, ensuring stringent infection control and daily system sterilization.

Clinical Trainee / Postings | Govt. Medical College Hospital, Alappuzha & Arun Hospital, Pollachi 2021 – 2025

- Gained extensive exposure across acute dialysis units, intensive care units (ICU), and maintenance hemodialysis facilities.
- Assisted nephrologists and senior technologists in specialized renal procedures and precise patient heparin administration protocols.
- Conducted thorough pre- and post-dialysis clinical assessments and educated patients on fluid restriction, diet, and access maintenance.

CORE COMPETENCIES

Advanced Therapies:	CRRT, Plasmapheresis (TPE), Hemoperfusion, Peritoneal Dialysis (PD)
Clinical Skills:	Hemodialysis Machine Calibration, AV Fistula/Graft Cannulation, Central Line Care
Quality & Technical:	Central RO Water System Management, Aseptic Sterilization, AAMI & ISO Compliance
Patient Management:	Intra-Dialytic Vitals Monitoring, Ultrafiltration Rate Calculation, Heparin Protocol Setup

EDUCATION

B.Sc. in Dialysis Technology 2021 – 2025

NG Institute of Paramedical Sciences, Coimbatore (Affiliated with The Tamil Nadu Dr. M.G.R. Medical University)

Plus Two (Higher Secondary - Science) 2017 – 2019

Govt. Boys Higher Secondary School, Mavelikkara

CERTIFICATIONS, SEMINARS & LANGUAGES

- **Conference:** Active Participant – National Conference on Practical Enactment of Kidney Health Initiatives, Ganga College of Nursing, Coimbatore (Dec 2022)
- **Languages Known:** English (Proficient), Malayalam (Native), Tamil (Fluent), Hindi (Working Knowledge)