

FELLOWSHIP IN RENAL TRANSPLANT SURGERY

ABOUT THE UNIVERSITY

Malla Reddy Vishwavidyapeeth is a reputed educational institution located in Hyderabad, Telangana, India. Recognized as a “Deemed to be University under Distinct (Existing) Category,” the university offers multidisciplinary programs across medical, dental, nursing, pharmaceutical sciences, and allied health sciences. The institution emphasizes academic excellence, clinical expertise, innovation, and global collaboration in advancing healthcare education.

PROGRAM OVERVIEW

The Fellowship in Renal Transplant Surgery is a one-year advanced program designed to develop expertise in the surgical management of kidney transplantation.

The program focuses on:

- Donor and recipient evaluation
- Donor nephrectomy (live & deceased)
- Recipient surgery and graft implantation
- Immunosuppressive therapy and rejection prevention
- Post-transplant care and long-term follow-up
- Laparoscopic and robotic-assisted transplant techniques

The program integrates surgical training, clinical exposure, and multidisciplinary care to ensure high-level specialization in transplant surgery.

Department-of-Nephrology-Urolog...
(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Perform renal transplant surgeries effectively.
 2. Manage donors and recipients throughout the transplant process.
 3. Apply advanced surgical and minimally invasive techniques.
 4. Deliver evidence-based and patient-centered care.
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PROGRAM OUTCOMES (POS)

1. **Surgical Expertise:** Master kidney transplant surgical techniques.
2. **Donor Management:** Evaluate and manage live and deceased donors.
3. **Transplant Care:** Ensure optimal perioperative and postoperative care.
4. **Advanced Techniques:** Apply laparoscopic and robotic methods.
5. **Complication Management:** Handle transplant-related complications.
6. **Research Orientation:** Contribute to transplant surgery advancements.

COURSE OUTCOMES (COS)

- CO1: Perform donor nephrectomy and graft implantation.
- CO2: Manage transplant recipients pre- and post-surgery.
- CO3: Apply immunosuppressive protocols effectively.
- CO4: Diagnose and manage transplant complications.
- CO5: Conduct clinical research in transplant surgery.

PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in renal transplant surgery.
2. Apply advanced surgical and transplant techniques.
3. Integrate clinical, surgical, and research approaches.

PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
- **Program Duration:** One-Year Fellowship
- **Mode of Delivery:** Clinical + Surgical + Hands-on + Theoretical

(Deemed to be University)

ELIGIBILITY CRITERIA

- **Academic Qualification:** MD/MS in Surgery, Urology, Nephrology, or equivalent
- **Professional Requirement:** As per institutional norms

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KEY FEATURES

- Advanced training in renal transplant surgery
- Hands-on experience in donor and recipient surgeries
- Training in laparoscopic and robotic techniques

- Focus on graft survival and complication management
 - Evidence-based surgical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of kidney transplantation and surgical techniques
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COGNITIVE SKILLS

- Clinical decision-making in complex transplant cases
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in transplant surgical procedures
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TRANSFERABLE SKILLS

- Patient counseling and multidisciplinary coordination
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SUBJECT-SPECIFIC SKILLS

- Advanced transplant surgery and perioperative management
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CURRICULUM MODULES – THEORY

- Principles of Kidney Transplantation (Malla Reddy University)
 - Donor Evaluation and Management
 - Recipient Surgical Techniques
 - Immunosuppressive Therapy
 - Post-Transplant Care
 - Transplant Complications
 - Laparoscopic & Robotic Transplant Surgery
 - Research & Case Studies
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PRACTICAL COURSEWORK

- Donor nephrectomy procedures
- Recipient transplant surgeries
- Graft implantation techniques
- Postoperative care and follow-up

- Case discussions and clinical research
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CAREER OUTCOMES

Graduates can pursue careers as:

- Renal Transplant Surgeon
- Urology / Transplant Specialist
- Consultant in Transplant Centers
- Academic & Research Professional
- Specialist in Tertiary Care Hospitals



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