

FELLOWSHIP IN HERNIA LAP 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 Hernia Lap Surgery is a specialized program designed to develop expertise in the laparoscopic management of abdominal wall hernias.

The program focuses on:

- Anatomy of the abdominal wall and hernia types
- Principles of hernia repair
- Laparoscopic hernia repair techniques (TAPP, TEP)
- Mesh placement and fixation techniques
- Management of recurrent and complex hernias
- Preoperative evaluation and postoperative care

The program integrates **clinical exposure, simulation training, and hands-on surgical procedures**, ensuring comprehensive expertise in laparoscopic hernia surgery.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage various types of hernias.
 2. Perform laparoscopic hernia repair procedures effectively.
 3. Apply advanced minimally invasive techniques.
 4. Deliver patient-centered and evidence-based surgical care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage abdominal wall hernias.
2. **Surgical Skills:** Perform laparoscopic hernia repairs including TAPP and TEP.

3. **Technical Skills:** Apply mesh techniques and fixation methods.
 4. **Minimally Invasive Techniques:** Ensure reduced postoperative pain and faster recovery.
 5. **Complication Management:** Handle recurrence and surgical complications.
 6. **Multidisciplinary Approach:** Collaborate with surgical and anesthesia teams.
 7. **Evidence-Based Practice:** Apply updated hernia surgery guidelines.
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COURSE OUTCOMES (COS)

- **CO1:** Understand hernia anatomy and surgical principles.
 - **CO2:** Perform laparoscopic hernia repair procedures.
 - **CO3:** Apply mesh placement and fixation techniques.
 - **CO4:** Manage complications and recurrent hernias.
 - **CO5:** Ensure optimal patient outcomes and recovery.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in laparoscopic hernia surgery.
 2. Apply advanced minimally invasive techniques effectively.
 3. Integrate multidisciplinary approaches in surgical care.
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PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
- **Program Duration:** One-Year Fellowship
- **Mode of Delivery:** Clinical Training + Simulation + Surgical Exposure

(Deemed to be University)

ELIGIBILITY CRITERIA

- **Academic Qualification:** MBBS with MS/DNB in General Surgery or equivalent
 - **Professional Requirement:** As per institutional norms
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KEY FEATURES

- Specialized training in laparoscopic hernia surgery
- Hands-on exposure to TAPP and TEP procedures
- Training in mesh repair and fixation techniques
- Focus on minimally invasive surgical approaches
- Exposure to complex and recurrent hernia cases

- Integration of advanced laparoscopic techniques
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of hernia types and surgical management.
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COGNITIVE SKILLS

- Clinical decision-making in complex hernia cases.
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in laparoscopic hernia repair procedures.
 - Hands-on experience in OT and simulation labs.
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TRANSFERABLE SKILLS

- Communication and patient counseling skills.
 - Multidisciplinary teamwork and coordination.
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SUBJECT-SPECIFIC SKILLS

- Advanced laparoscopic hernia repair and mesh techniques.
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CURRICULUM MODULES – THEORY

- Anatomy of the Abdominal Wall
 - Types of Hernias
 - Principles of Hernia Repair
 - Laparoscopic Hernia Surgery (TAPP, TEP)
 - Mesh Types and Fixation Techniques
 - Recurrent and Complex Hernias
 - Complications and Risk Management
 - Preoperative and Postoperative Care
 - Minimally Invasive Surgical Techniques
 - Advances in Hernia Surgery
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PRACTICAL COURSEWORK

- Clinical training in hernia surgery units
 - Laparoscopic hernia repair procedures
 - Simulation-based surgical training
 - Mesh placement and fixation techniques
 - Management of complex and recurrent hernias
 - Preoperative and postoperative patient care
 - Case documentation and clinical evaluation
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CAREER OUTCOMES

Graduates of the Fellowship in Hernia Lap Surgery can pursue careers as:

- Laparoscopic Hernia Surgeon
- Minimal Invasive Surgery Specialist
- General Surgery Consultant
- Surgical Specialist in Tertiary Care Hospitals
- Academic and Research Roles in Surgery

