

FELLOWSHIP IN ENDOSCOPIC SPINE 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 Endoscopic Spine Surgery is a one-year advanced program designed to train healthcare professionals in minimally invasive spine procedures using endoscopic techniques.

The program focuses on:

- Endoscopic management of disc herniation
- Spinal stenosis and degenerative disorders
- Minimally invasive spine surgery techniques
- Endoscopic instrumentation and navigation
- Pain management procedures
- Postoperative care and rehabilitation

The program integrates clinical training, hands-on surgical exposure, and advanced technologies to ensure comprehensive expertise in endoscopic spine surgery.

Department-of-Orthopedics_compr...
(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in endoscopic spine surgical techniques.
 2. Diagnose and manage spinal disorders using minimally invasive approaches.
 3. Apply endoscopic instrumentation and navigation techniques.
 4. Manage postoperative care and rehabilitation.
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PROGRAM OUTCOMES (POS)

1. **Surgical Expertise:** Perform endoscopic spine procedures.
 2. **Clinical Knowledge:** Diagnose spinal conditions accurately.
 3. **Minimally Invasive Skills:** Apply endoscopic techniques effectively.
 4. **Technical Skills:** Use advanced instrumentation and navigation.
 5. **Complication Management:** Handle perioperative complications.
 6. **Research Orientation:** Apply evidence-based spine care.
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COURSE OUTCOMES (COS)

- CO1: Diagnose spinal disorders.
 - CO2: Perform endoscopic spine procedures.
 - CO3: Apply minimally invasive techniques.
 - CO4: Manage complications and rehabilitation.
 - CO5: Conduct research and case-based learning.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in endoscopic spine surgery.
 2. Apply advanced surgical and technological techniques.
 3. Integrate clinical evaluation with surgical decision-making.
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PROGRAM DETAILS

- Certificate Awarded by: Malla Reddy Vishwavidyapeeth
 - Program Duration: One-Year Fellowship
 - Mode of Delivery: Clinical Training + Hands-on Surgical Exposure + Theoretical Learning
- (Deemed to be University)
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ELIGIBILITY CRITERIA

- Academic Qualification: MS/DNB Orthopaedics or equivalent
 - Professional Requirement: As per institutional norms
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KEY FEATURES

- Advanced training in endoscopic spine surgery
- Hands-on exposure to minimally invasive procedures
- Training in endoscopic instrumentation and navigation
- Focus on precision and faster recovery outcomes
- Evidence-based orthopaedic practice

LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of minimally invasive spine surgery

COGNITIVE SKILLS

- Clinical decision-making in endoscopic spine procedures

PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in endoscopic surgical techniques
- Hands-on experience in OT and wards

TRANSFERABLE SKILLS

- Patient counseling and rehabilitation planning

SUBJECT-SPECIFIC SKILLS

- Advanced endoscopic spine surgical techniques

CURRICULUM MODULES – THEORY

- Spine Anatomy & Biomechanics
- Degenerative Spine Disorders
- Endoscopic Spine Surgery Techniques
- Disc Herniation & Stenosis
- Instrumentation & Navigation
- Pain Management
- Rehabilitation
- Complication Management
- Advances in Endoscopic Spine Surgery

PRACTICAL COURSEWORK

- Endoscopic spine procedures
- Instrumentation techniques
- Clinical evaluation
- Postoperative care

- Case discussions
 - Research and documentation
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CAREER OUTCOMES

Graduates can pursue careers as:

- Endoscopic Spine Surgeon
- Spine Specialist
- Orthopaedic Consultant
- Clinical Researcher
- Academic and Research Professional



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