

FELLOWSHIP IN ORTHO ONCOLOGY

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 Ortho Oncology is a one-year advanced program designed to train healthcare professionals in the diagnosis and management of bone and soft tissue tumors.

The program focuses on:

- Primary bone tumors and soft tissue sarcomas
- Metastatic bone disease
- Limb salvage surgery
- Tumor resection and reconstruction
- Orthopaedic oncology imaging and biopsy techniques
- Multidisciplinary cancer care

The program integrates clinical training, hands-on surgical exposure, and oncological principles to ensure comprehensive expertise in orthopaedic oncology.

Department-of-Orthopedics_compr...

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PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in orthopaedic oncology.
 2. Diagnose and manage bone and soft tissue tumors.
 3. Perform tumor resection and limb salvage procedures.
 4. Apply multidisciplinary approaches in cancer care.
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PROGRAM OUTCOMES (POS)

1. Clinical Expertise: Manage bone and soft tissue tumors.

2. **Surgical Skills:** Perform tumor resection and reconstruction.
 3. **Diagnostic Skills:** Apply imaging and biopsy techniques.
 4. **Multidisciplinary Care:** Coordinate oncology treatment plans.
 5. **Complication Management:** Handle surgical and oncological complications.
 6. **Research Orientation:** Contribute to advancements in orthopaedic oncology.
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COURSE OUTCOMES (COS)

- CO1: Diagnose bone and soft tissue tumors.
 - CO2: Perform oncological surgical procedures.
 - CO3: Apply biopsy and imaging techniques.
 - CO4: Manage complications and follow-up care.
 - CO5: Conduct research and case-based learning.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in orthopaedic oncology.
 2. Apply advanced surgical and oncological techniques.
 3. Integrate clinical evaluation with cancer management.
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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
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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 orthopaedic oncology
- Hands-on exposure to tumor surgeries
- Training in limb salvage and reconstruction
- Focus on multidisciplinary cancer care
- Evidence-based orthopaedic practice

LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of bone and soft tissue tumors

COGNITIVE SKILLS

- Clinical decision-making in oncological cases

PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in tumor surgery and reconstruction
- Hands-on experience in OT and oncology units

TRANSFERABLE SKILLS

- Patient counseling and multidisciplinary coordination

SUBJECT-SPECIFIC SKILLS

- Advanced orthopaedic oncology surgical techniques

CURRICULUM MODULES – THEORY

- Orthopaedic Oncology Basics
- Bone Tumors
- Soft Tissue Sarcomas
- Metastatic Bone Disease
- Limb Salvage Surgery
- Reconstruction Techniques
- Imaging & Biopsy
- Complication Management
- Advances in Orthopaedic Oncology

PRACTICAL COURSEWORK

- Tumor evaluation and diagnosis
- Surgical procedures
- Biopsy techniques
- Postoperative care

- Case discussions
 - Research and documentation
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CAREER OUTCOMES

Graduates can pursue careers as:

- Orthopaedic Oncologist
- Tumor Surgeon
- Orthopaedic Consultant
- Clinical Researcher
- Academic and Research Professional



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