

Orthopedics Department, KMC, Manipal

1. Why to choose MS Orthopedics at KMC Manipal?

The Department of Orthopedics at the Kasturba Medical College, Manipal is India's premier Orthopaedic program. The department was started with a mandate to create knowledge, advance learning, and improve the musculoskeletal health at the community, provincial, national, and international levels.

A career in Orthopedics at KMC is an extraordinary opportunity offering world-class education to both medical students from across the world in our undergraduate program, to physicians from across the world in our Residency program, to Orthopaedic surgeons from around the globe who can visit as observers and to colleagues from sub-continent and beyond in our Continuing Medical Education Programs.

Orthopaedic sub-specialization allows intense focus of our Faculty in the areas of Hand, Upper Extremity & Microsurgery, Paediatric Orthopedics, Spine, Reconstructive Orthopedics, Arthroscopy and sports injuries, joint replacement and Trauma providing outstanding treatment to all.

The faculty is comprised of much sought after clinicians, teachers, and researchers who choose to contribute large blocks of their time to increase knowledge in the areas of clinical Orthopedics, musculoskeletal science as well as applied biomedical engineering. This focus allows the department to be at the forefront of postgraduate teaching and exciting new developments in the areas of hand, wrist and upper limb, improved pediatric musculoskeletal care, advanced techniques in spinal surgery, innovative arthroscopic techniques, improved biomaterials and implants in joint replacements and trauma surgery. With our increasing focus on scientific discovery and knowledge translation, we strive to play a major role in musculoskeletal research over the coming years.

KEY FEATURES

- One of the busiest departments in the Kasturba Medical College and hospital
- Runs 5 operation theaters every day, highest among all departments.
- The number of surgeries done in the Department of Orthopaedic is one of the highest in the hospital
- High quality publications both in national and international journals every year
- State-of-the-art instruments, implants and facilities
- Department comprises of well-known teachers who regularly attend and teach at national and international courses and workshops
- Consultants in the department excel as faculty for national and international conferences
- Top students from the PG entrance exams take up Orthopedics
- Junior residents invariably excel in the state and national conferences, winning quiz, Best paper and poster awards.
- Dedicated artificial limb Centre for orthosis and prosthesis designed and manufacturing
- 3 D printing Centre.
- Department skill lab and Museum.
- Dedicated and qualified support team of nurses, technicians and paramedics make the working of the department smooth.

2. Core competencies pursued during postgraduate training at Manipal

The major components of the PG curriculum are:

- Theoretical knowledge (Cognitive domain)
- Practical and clinical skills (Psychomotor domain)

- Attitudes including communication skills (Affective domain)
- Writing thesis / Reviewing Research activities (Scholarly activity)
- Training in Research Methodology (Practice based learning; Evidence based practice)
- Professionalism
- Teaching skills
- The training of the postgraduate for degree/diploma is a residency pattern with graded responsibilities in the management and treatment of patients entrusted to his/her care. The participation of the students in all facets of the educational process is essential. Every candidate takes part in seminars, group discussions, grand rounds, case demonstration, clinics, journal review meetings, CPC and clinical meetings. Every candidate is required to participate in the teaching and training program of undergraduate students. Training includes involvement in laboratory and experimental work, and research studies. All students are posted in rotation in all the Units in the department so as to gain exposure to the sub-specialties

3. Career opportunities after Post graduation

- Training from department of Orthopedics, K.M.C Manipal carries a high value at both National and International level for future faculty position and fellowships.
- A strong alumni network helps in obtaining fellowship programmes.
- Sub-speciality training during residency aids in increased skills and knowledge & exposure to various dimensions of Orthopaedic subspecialty.

Also Visit: <https://manipal.edu/kmc-manipal/department-faculty/department-list/orthopaedics.html>