

# **DEPARTMENT OF ORTHOPEDICS AT MMC**

## **INTRODUCTION:**

**“We never settle for being best, we always strive to be better”**

Musculoskeletal trauma and diseases are a large group of sicknesses which affect mostly working and young population of society. This also carries a significant economic impact on family and society at large as usually bread earners are involved. To deal with musculoskeletal trauma originating from road traffic accidents to fall at home, our infirmary is equipped with the latest to deal with it according to the newest techniques.

The department of Orthopaedics is placed on the ground floor of the new building where the outdoor is situated and 90 bedded indoor wards along with three modular operating rooms in operation theatre complex are situated in the old building on the second floor.

## **HEAD OF THE DEPARTMENT:**



**Dr. Arvind Kumar**

### **In charge Unit-I, Professor and Head of Department, Orthopedics**

Dr. Arvind Kumar is an MBBS from GSVM Medical College, Kanpur, and did his M.S. from K.G. Medical University, Lucknow. He has a professional experience of more than 19 years and has 7 articles being published in various journals. He has three years of specialized training in Trauma Management in King George Medical College, Lucknow. He also has various research experience and have attended National and International conferences.

## **UNIT INCHARGES:**



**Dr. Lalit Kumar**

**Professor, In charge Unit-II**

**MBBS and MS, KG Medical College, Lucknow**



**Dr. Gaurav Jain**

**Professor, In charge Unit-III**

**MBBS, GSVM, Kanpur and MS, KG Medical College, Luknow**

## **VISION OF THE DEPARTMENT:**

To provide the best of the treatment at affordable cost and make sure that every patient that is admitted in our department is treated according to the latest guidelines, equipment and best of the technical abilities by our Orthopaedics faculty.

## **MISSION OF THE DEPARTMENT:**

Provide treatment and nursing facilities to all without any discrimination in a blissful ambiance.

## **FACILITIES:**

Department of Orthopaedics is providing latest facilities for treatment such as:

- State of Art fracture management with latest modalities of fixations
- Pediatric trauma; congenital and development deformity corrections
- Spine Surgeries
- Arthroscopic surgeries
- Joint Replacement
- Limb & Spine deformity correction surgeries
- Surgical management of Bone tumors
- Corrective osteotomies & ilizarov & SUV in deformity correction.
- Poly Trauma Managements
- Benign bone tumor surgeries

## **EQUIPMENTS:**

We have 3 well-equipped modular operating rooms dedicated to the Orthopaedics department only.

We have the latest equipment to deal with all such fractures and diseases. Treatment is chosen in a tailor-made fashion for the patient, taking consideration of his/her age/sex/requirement and expectations.

C-ARM, Arthroscopy set, knee & hip replacement sets, Spine trauma fixation(Plating set & pedicle screw fixation set), Image Intensifier, Hip Arthroplasty set, Knee Arthroplasty set, Fracture Fixation set, Spine surgery set, DHS set, Interlocking nail set Pelvic plate set.

## **COURSES:**

MS Orthopaedics

## **POSTGRADUATE DEPARTMENT:**

The Post –graduate Department of Orthopaedics started in the year 2018 with an admission of 06 seats as per the permission of MCI. Currently, the department has 06 seats for MS (Orthopaedics) on yearly basis and to date the department has 18 students.

## **EFFORTS WORTH MENTIONING:**

1. In our department we provide 24x7 care for patients injured due to a variety of accidents.
2. We also cater for Orthopaedics Diseases like correction of congenital diseases – CTEV, Developmentally dysplastic hip Coxa vara, Coxa velga, Genu Velgum, Genu Virus, Infections, tumors with the latest SOP.
3. Doctors of the department were involved in management covid-19 patients and they did an excellent work in reducing the mortality rates.

### **ACADEMIC ACTIVITIES:**

Activities related to undergraduate (MBBS) are theoretical lectures; Clinical postings in which hands-on experience is given to students. They are asked to take the history, Clinical examination and are made part of the treatment provided to patients under the supervision of highly trained faculty, in accordance with the competency-based undergraduate curriculum.

For Post-graduate students, a variety of academic learning is provided 24x7. Theoretical lectures, journal club, group discussion, seminars, case presentation provides an excellent opportunity for a young doctor to learn and express himself. Under the guidance of able guides, they are made to write a thesis, present papers, and posters in Conferences, and be guided for scientific temperament as regard to the research.

Their 24 hours emergency duty provides an opportunity to become a team member and provide emergency care to patients who report to the emergency department. They have done excellent work in the ongoing Covid -19 pandemic.

### **PREPARATION FOR THE THIRD WAVE:**

The faculty and Junior Residents of Orthopaedics department have been trained by the office of Director General of Medicine Education. Govt. of Uttar Pradesh by E-mode to handle the third wave, in case it happens. In department whether in Outdoor, Indoor, or O.T. all precautions for Covid-19 Pandemic are taken while working to keep everybody safe.