

Elective In Orthopaedics

S. No.	Name of the Elective	Principles of Fracture fixation
1	Block	2
2	Department/ Area	Orthopaedic surgery
3	Name of Mentor/ Supervisor/ In charge	Dr Sandeep Kumar, Professor, Department of Orthopaedic surgery, HIMSR
4	Co-Supervisor	Dr Yasim Khan, Assistant Professor, Department of Orthopaedic surgery, HIMSR
5	Number of students intake	02-05
6	Method of Selection (if applicable)	Interview to determine a candidate's core understanding and interests in the field of Orthopaedic surgery.
7	Objectives	1. To help trainees acquire basic knowledge about fracture fixation modalities and develop a positive attitude towards it. 2. To help a trainee gain competencies in fracture fixation.
8	Expected outcomes	1. To obtain relevant history in a patient with fracture and conduct a thorough clinical examination. 2. Ability to prescribe the appropriate investigations in casualty of a patient with fracture (radiographs, special views, CT Scan). 3. Ability to counsel a patient with fracture in casualty to avoid situations like unsatisfied or angry patients. 4. To describe various methods used for fracture fixation in orthopaedic trauma patients. 5. Ability to identify patients requiring external fixation of fractures on urgent basis. 6. To be able to judge which mode of fixation is appropriate in different fracture region and types as per AO trauma recommendations. 7. To be able to understand basic techniques of external fixation, tension band wiring, plating and nailing in fractures. 8. To be able to manage a patient with fracture in casualty. 9. To write a prescription and medical records of a fracture patient. 10. To be able to assist an fracture fixation surgery in Operation theatre.
9	Assessment	1. Attendance 2. Day to day participation in patient management during the routine training hours. 3. Performance of assigned tasks and presentation of worked up case in the department. 4. Assessment exam on the last day of elective.
10	Log book	Regular log book entry of daily activities. See Appendix 1 for log book details.