

Elective In Orthopaedics

S. No.	Name of the Elective	Principles of Management of Orthopaedic Infections
1	Block	2
2	Department/ Area	Orthopaedic surgery
3	Name of Mentor/ Supervisor/ In- charge	Dr. Owais A. Qureshi, Professor Department of Orthopaedic surgery, HIMSR
4	Co-Supervisor	Dr. Aabid A. Rather, Assistant Professor, Department of Orthopaedic surgery, HIMSR.
5	Number of students intake	02-05
6	Method of Selection	Interview to determine a candidate's core understanding and interests in the field of Orthopaedic surgery.
7	Objectives	1. To help trainees to acquire basic knowledge about Orthopaedic Infections and develop a positive attitude towards it. 2. To help a trainee gain competency in the management of septic arthritis.
8	Expected outcomes	1. To obtain relevant history in a patient with features of Orthopaedic Infections in any joint and conduct a thorough clinical examination. 2. Ability to prescribe the appropriate investigations in casualty to a patient with suspected Orthopaedic Infections (blood investigations and radiographs; USG and MRI, if needed). 3. Ability to counsel a patient with Orthopaedic Infections in casualty to avoid situations like unsatisfied or angry patients and attendants. 4. To describe various methods of treatment used for the management of Orthopaedic Infections. 5. Ability to identify patients requiring surgery on urgent basis. 6. To be able to obtain consent for surgery from the patient or attendants. 7. To be able to understand basic techniques of arthrotomy, joint lavage, putting a drain, wound closure and sending pus for culture and sensitivity testing. 8. To be able to write a prescription and maintain medical records of all patients with Orthopaedic Infections. 9. To be able to assist a surgery in Operation Theatre. 10. To be able to further manage the wound in ward, do dressings and able to remove drain, if put.
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.

Annexure 1

S. No.	Name of Competency	Procedure	Date of Procedure	Trainee's feedback	Trainee's initials	Trainer's initials with date
1	Assessing Orthopaedic Infections patients in Casualty					
2	History taking of patients with Orthopaedic Infections					
3	Clinical examination of patients.					
4	To advise all relevant investigations.					
5	Pre-operative planning.					
6	Assist in shifting patient on operation table.					
7	Assist in drapping of affected part.					
8	Assist in arthrotomy of the joint.					
9	Assist in closure of incision.					


 06/11/23
 Dr. JAVED JAMEEL
 Professor & Head
 Department of Orthopaedics
 HIMSR & HAHIC Hospital

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. Javed Jameel, Professor & Head, Department of Orthopaedic surgery, HIMSR.
4	Co-Supervisor	Dr. Aakash Tomar, Assistant Professor, Department of Orthopaedic surgery, HIMSR
5	Number of students intake	02-05
6	Method of Selection	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.

Annexure 1

S. No.	Name of Competency	Procedure	Date of Procedure	Trainee's feedback	Trainee's initials	Trainer's initials with date
1	History taking of fracture patients					
2	Clinical examination of fracture patients					
3	To advise investigation in fracture patients					
4	Pre operative planning in fracture fixation					
5	assist in external fixation in fractures					
6	Assist in tension band wiring					
7	assist in plating of fractures					
8	assist in nailing of fractures					
9	To assist in closed reduction of fractures					
10	Assessing polytrauma patient in casualty					
11	Assessment of pelvis Fracture patient in casualty					


 06/11/25
 Dr. JAVED JAMEEL
 Professor & Head
 Department of Orthopaedic
 HMSR & HAH Hospital