

## **Learning objectives for the Trauma and Orthopaedic Surgery Block.**

Refer to the WMS Course Learning Objectives Chapter 4 – Locomotor and Trauma. Most of these Learning Objectives can be achieved during this attachment, with the important exceptions of burns and head injuries.

Previous students have found it helpful to have a summary of these objectives which is shown below. However, do read the Chapter 4: the Course Learning Objectives should guide your clinical work, study, revision and exam preparation. It is much easier for you if you read them at the beginning!

By the end of the Orthopaedic and Trauma Block, students should be able to:

### **General**

- Take a targeted musculoskeletal history.
- Perform a targeted musculoskeletal examination including the hip, knee, shoulder, hand, wrist, elbow and back.
- Recognise indications for investigations and be able to interpret radiographs of common musculoskeletal disease and simple fractures
- Explain the indications for surgical intervention in common orthopaedic disorders
- Explain where conservative treatment can be helpful

### **Trauma**

- Describe assessment and resuscitation of the seriously injured (ATLS guidelines)
- Describe the principles of fracture treatment
- Describe the principles of care of soft tissue injuries such as ligament ruptures, sprains and overuse syndromes

### **General**

- Describe the care of common orthopaedic conditions such as arthritis, deformity, peripheral nerve compression, back pain, bone and joint infection, and developmental abnormalities presenting in children
- Describe the interaction of orthopaedic surgery with primary care, other sub specialties and physio/occupational therapy