

This is a basic course and will cover surgical approaches to the bones, lag screw fixation , plate fixation , tension band wiring and external fixators

Day 1

9.00 Registration

Fracture planning - MO

Principles of screw application. Position screws and lag screws. HRD

Principles of plate application, compression, neutralisation, buttress. MO

- *Exercise on plastic bone to demonstrate screw placement lag screw, position screw*
- *Exercise on cadaver Lateral condylar fracture approach - lag screw + Kirschner wire fixation*
- *Exercise on cadaver transverse fracture radius & ulna, approach + compression plate fixation*

13.00 -14.00 Lunch

- *Exercise on cadaver Craniolateral approach to the humerus*
- *Exercise on cadaver Medial approach to the humerus*
- *Exercise on cadaver Oblique fracture of tibia lag screw fixation + neutralisation plate*

Fracture complications and how to avoid them HRD

17.00 - Finish

Day 2

I/M pins HRD

Cerclage wire MO

Wire Tension bands HRD

- *Exercise on cadaver exposure of femur, repair oblique fracture with I/M pin + cerclage wire .*
- *Exercise on cadaver avulsion fracture of the tibial tuberosity WTB repair*

ESF an introduction MO

13.00 -14.00 Lunch

- *Exercise on ESF frame elements using plastic bone models*

ESF equipment and implants MO

- *Exercise on cadaver - tibial fracture ESF assembly of a bilateral frame.*

Complications of ESF and how to avoid them MO