

## **Tuesday March 1**

09:00-09:45 Registration

09:45-10:00 Welcome & AO Video

FD/OF

### ***Basic Science***

10:00-10:20 Radiographic Assessment of fractures and fracture healing

FD

### ***Screws, Pins and Wires***

10:20-10:40 Implant design and performance

OF

10:40-11:00

### **COFFEE BREAK**

11:00-11:20 Principles of Bone Screw Function: Plate Screw,  
Position Screw and Lag Screw

FD

11:20-11:40 Principles and Clinical Application of Cerclage Wiring

FD

11:40-12:00 Principles and Clinical Application of Tension Band Wiring

PH

12:00-13:00

### **LUNCH**

### **13:00-14:40 Practical Exercise LAB A**

**No. 1** Introduction to the instrumentation

**No. 2** Cerclage wire

30121

**No. 3** Tension band wire fracture of greater trochanter

30123

**No. 4** Lag screw and position screw

30124

**No. 5** Lag screw humeral condyle

30125

### ***Diaphyseal Fracture Management***

14:40-15:00 Principles of Treatment of Diaphyseal Fractures

FD

15:00-15:20

### **COFFEE BREAK**

15:20-15:40 Principles and Clinical Applications of  
Dynamic Compression Plate (DCP)

SC

15:40-16:00	Principles and Clinical Applications of Neutralization Plate Stabilization	SC
16:00-17:00	Principles and Clinical Applications of Buttress/Bridge Plate	SC
17:00-17:20	Principle and Clinical Application of Locking Compression Plate	PH

## **Wednesdat March 2**

### ***Diaphyseal Fracture Management (Continued)***

#### **08:00-10:00 Practical Exercise LAB B**

<b>No. 6</b>	Transverse fracture of radius compression plate	30127
<b>No. 7</b>	Oblique mid-shaft fracture of the humerus lag screw and neutralization plate	30126

10:00-10:20

#### **COFFEE BREAK**

10:20-10:40	Principles and Clinical Application of IM Pins, Plate & Wires	FD
10:40-11:00	External Fixators – Principles, Biomechanics	LS
11:00-11:20	External Fixators – Clinical applications	LS
11:20-11:40	Fracture treatment with Casts and Splints	LS
11:40 -12:00	Principles and Clinical Application of Cancellous Bone Grafting and Bone Graft Substitutes	OF

12:00-13:00

#### **LUNCH**

#### **13.00-15:00 Practical Exercises**

<b>No. 8</b>	Comminuted Tibia Fracture _ buttress plate	30128
<b>No. 9</b>	Long oblique fracture femur IM Pinning and cerclage wire	30122
<b>No. 10</b>	Plate Rod Femur	<b>30130</b>

15:00-15:20

#### **COFFEE BREAK**

### **Joint Fracture Management**

15:20-15:40	Principles of Joint Fracture Treatment	OF
15:40-16:00	Fractures of the Pelvis, Acetabulum and SI Joint	OF
16:00-16:20	Fractures of the Femoral Head, Neck and Trochanter	SC
16:20-16:40	Fractures of the Distal Femur, Proximal Tibia and Patella	PH
16:40-17:00	Fractures of the Distal Tibia and Tarsus	PH

### **Thursday March 3**

08:00-08:20	Fractures of the Scapula and Proximal Humerus	SC
08:20-08:40	Fractures of the Distal Humerus and proximal Radius/Ulna	SC
08:40-09:00	Fracture of the Immature Bone	LS
09:20-09:40	Post-Operative Assessment of Fracture Fixation	LS

09:40-10:00 **COFFEE BREAK**

#### **10:00-12:00 Practical Exercise LAB F**

<b>No. 11</b> Oblique fracture of the Ilium	<b>30110</b>
<b>No. 12</b> Acetabular fracture	30064

12:00-13:00 **LUNCH**

**13:00-14:00 Fireside Discussions All**

14:00-14:20	Aseptic Technique, Soft Tissue Handling and Fracture Reduction	FD
14:20-14:40	Open fractures	OF
14:40-15:00	Osteomyelitis: Pathophysiology and Treatment	OF

15:00-15:20 **COFFEE BREAK**

15:20-15:40	Delayed Unions and Nonunions	FD
15:40-16:00	Technical Errors	PH
16:00-16.20	Post Operative Management	PH
16:20-16:40	Implant removal	LS
16:40-17.00	Closing Remarks, Farewell	FD/OF
17:00	<b>End of course</b>	

***Faculties & Table Instructors***

Dr Fredrik Danielsson (FD)	Sweden (Int Chair)
Dr Ole Frykman (OF)	Sweden (Local Chair)
Dr Stuart Carmichael (SC)	UK
Dr Peder Haaland (PH)	Norway
Dr Lennart Sjöström (LS)	Sweden