

# Principles of Fracture Repair

**June 24<sup>th</sup> – 25<sup>th</sup>, 2023**

University of Calgary  
Alberta, Canada

PRESENTED BY:



## COURSE AGENDA

*Subject to change slightly as the course approaches*

### DAY 1 – Saturday June 24<sup>th</sup>

8:00 AM

Welcome Introduction & Objectives

8:05 AM

Principles of Bone Healing

8:30 AM

Direct Fracture Reduction

9:00 AM

Indirect Fracture Reduction

9:45 AM

Pins, Wires, and External Fixators

10:10 AM

**Lab 1:** Direct reduction tibial shaft fracture (plastic bones, cerclage wire, and lag screws)

10:50 AM

Bone Plates and Screws

11:20 AM

Radial Fractures – Distal and Diaphyseal

12:00 PM

Lunch

12:45 PM

**Lab 2:** Direct reduction distal radius fracture (plastic bone, plate)

1:30 PM

**Lab 3:** Direct reduction distal radial fracture (cadaver, plate)

2:35 PM

Tibial Shaft Fractures

3:15 PM

**Lab 4:** Indirect reduction tibial fracture (plastic bone, plate-rod)

4:00 PM

**Lab 5:** Indirection reduction communicated tibial fracture (cadaver, plate or plate-rod)

5:30 PM

Wrap up and Discussion

6:00 PM

End of Day

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### DAY 2 – Sunday June 25<sup>th</sup>

7:45 AM

Femoral Shaft Fractures

9:30 AM

**Lab 6:** Indirect reduction femur fracture (plastic bone, plate-rod)

10:15 AM

**Lab 7:** Indirect reduction femur fracture (cadaver, plate-rod)

12:15 PM

Lunch

1:15 PM

Humeral Shaft Fractures

1:45 PM

**Lab 8:** Direct reduction humeral fracture (plastic bone, lag screw & plate)

3:00 PM

End of Day