

PRINCIPLES OF FRACTURE REPAIR

May 7-9, 2023 | Oquendo Campus

Sponsored by:



Day 1

TBA	Viticus Shuttle Staged at Hotel for Departure to course
Upon Arrival	Breakfast
8:10a	Course Overview & Learning Objectives
8:30a	Lecture: Principles of Bone Healing with Direct & Indirect Reduction
9:15a	Principles of Pins & Cerclage
10:00a	Bone Plates & Screws
10:45a	Lab 1: Instrumentation & Interfragmentary Compression Techniques (Sawbone Tibia) Direct Reduction Long Oblique Tibial Shaft Fracture; Application Of Cerclage Wire, Lag Screws (2 bone models / station)
12:00p	Lunch
12:50p	Lecture: Radial Fractures; Surgical Approach, Reduction Techniques
1:30p	Lab 2: Sawbone Bone Radius (Direct & Indirect Reduction) Direct Reduction Transverse Distal Radius Fracture with T-Plate Indirect Reduction of Comminuted Radial Shaft Fracture with Plate-Rod
3:00p	Lab 3: Cadaver #1 Radius (Direct & Indirect Reduction) with Approach Demo Direct Reduction Distal Transverse Fracture with T-Plate (Absolute Stability)–LEFT Radius Indirect Reduction Comminuted Radius Fx with Plate/Rod (Relative Stability)–RIGHT Radius
4:45p	Lecture: Discussion of Key Concepts & Questions
5:00p	End of Day – Shuttle Departs for Hotel

Day 2

TBA	Shuttle Staged at Hotel for Departure to course
Upon Arrival	Breakfast
8:00a	Lecture: Radiographic Review Session – Radius Femoral Shaft Fractures: Surgical Approach, Direct/Indirect Reduction
9:30a	Break

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- 9:40a** **Lecture:** Femoral Shaft Fractures: Surgical Approach, Direct/Indirect Reduction
10:30a Tibia Fractures: Surgical Approach, Direct/Indirect Reduction Techniques
- 12:00p** **Lunch**
- 12:40p** **Lab 4:** Femur Sawbone Bone (Direct & Indirect Reduction; Two Sawbone Models; Demo Normograde & Retrograde Pinning)
One Participant Execute Direct Reduction Oblique Femur Diaphyseal Fx with Lag Screw/Neutralization Plate
One Participant Execute Indirect Reduction of Comminuted Femur Diaphyseal Fx with Plate-Rod
- 2:00p** **Break**
- 2:10p** **Lab 5:** Cadaver #1 Femur (Direct & Indirect Reduction) Demo Approach, Retrograde & Normograde Pinning Technique
Direct Reduction Oblique Femur Diaphyseal Fx with Lag Screw/Neutralization Plate (LEFT Femur)
Indirect Reduction of Comminuted Femur Diaphyseal Fx with Plate-Rod (RIGHT Femur)
- 4:40p** **Lecture:** Discussion of Key Concepts & Questions
- 5:00p** **End of Day – Shuttle Departs for Hotel**

Day 3

- TBA** **Shuttle Staged at Hotel for Departure to course**
- Upon Arrival** **Breakfast**
- 8:00a** **Lecture:** Radiograph Review Session: Femur
- 9:30a** **Break**
- 9:40a** **Lab 6:** Cadaver #1 Tibia (Direct & Indirect Reduction) Demo Approach
Direct Reduction Oblique Tibia Diaphyseal Fx with Lag Screw/Neutralization Plate (LEFT Tibia)
Indirect Reduction of Comminuted Tibial Diaphyseal Fx with Plate-Rod (RIGHT Tibia)
- 11:40a** **Lunch**
- 12:20p** **Lecture:** Proximal Tibial Physeal Fracture: Pin & Tension Band Fixation
- 1:20p** **Lab 7:** Stifle Sawbone (Tension Band Fixation of Tibial Tuberosity Avulsion)
- 2:50p** **Break**
- 3:00p** **Lecture:** Bone Grafting Made Simple: How, When & Why?
Perioperative Patient Management, Radiographic Surveillance & Complications
- 4:40p** Discussion of Take-Home & Key Concepts
- 5:00p** **End of Course – Shuttle Departs for Airport & Hotel**