

PRINCIPLES OF FRACTURE REPAIR

December 11-13, 2022 | Oquendo Center

Day 1

7:30a	Breakfast
8:00a	Course Overview & Learning Objectives
8:10a 8:40a 9:10a	Lecture: Principles of Bone Healing with Direct & Indirect Reduction Pins & Cerclage Wire: Principles & Technique of Insertion Bone Plates & Screws
9:45a	Break
10:00a	Lab 1: Instrumentation & Interfragmentary Compression Techniques (Sawbone Tibia)
11:15a	Radial Fractures; Surgical Approach, Direct/Indirect Reduction Techniques
11: 45 a	Working Lunch Discussion
12:30p	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
2:30p	Break
2:45p	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
5:30p	Lecture: Discussion of Take-Home & Key Concepts
6:00p	End of Day – Depart Oquendo Campus

Day 2

7:30a	Breakfast
8:00a	Lecture: Radiographic Review Session – Radius Fractures
9:00a	Femoral Shaft Fractures: Surgical Approach, Direct/Indirect Reduction
9:30a	Break

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9:45a	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
12:00p	Working Lunch Discussion
12:45p	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)
3:15p	Break
3:30p 4:00p	Lecture: Tibia Fractures: Surgical Approach, Direct/Indirect Reduction Techniques Proximal Tibial Physeal Fracture: Pin &Tension Band Fixation
4:30p	Lab 6: Stifle Sawbone (Tension Band Fixation of Tibial Tuberosity Avulsion)
5:30p	Lecture: Discussion of Take-Home & Key Concepts
6:00p	End of Day – Depart Oquendo Campus

Day 3

7:30a	Breakfast
8:00a 9:00a	Lecture: Radiograph Review Session: Femur Fractures Bone Grafting Made Simple: How, When & Why?
9:30a	7: 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)
11:30a	Lecture: Perioperative Patient Management, Radiographic Surveillance & Complications
12:00p	End of Course – Depart Oquendo Campus – No Lunch Today