**PRINCIPLES OF FRACTURE REPAIR**

July 20-22, 2023 | Oquendo Campus

Sponsored by:

# Day 1

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| TBAUponArrival8:10a8:30a9:15a10:00a10:45a12:00p12:50p1:30p3:00p4:45p5:00p | **Viticus Shuttle Staged at Hotel for Departure to course****Breakfast****Course Overview & Learning Objectives****Lecture:** Principles of Bone Healing with Direct & Indirect ReductionPrinciples of Pins & Cerclage Bone Plates & Screws**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) **Lunch****Lecture:** Radial Fractures; Surgical Approach, Reduction Techniques**Lab 2:** Sawbone Bone Radius (Direct & Indirect Reduction) Direct Reduction Transverse Distal Radius Fracture with T–PlateIndirect Reduction of Comminuted Radial Shaft Fracture with Plate-Rod**Lab 3:** Cadaver #1 Radius (Direct & Indirect Reduction) with Approach DemoDirect Reduction Distal Transverse Fracture with T–Plate (Absolute Stability)–LEFT Radius Indirect Reduction Comminuted Radius Fx with Plate/Rod (Relative Stability)–RIGHT Radius**Lecture:** Discussion of Key Concepts & Questions**End of Day – Shuttle Departs for Hotel**  |

# Day 2

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| TBAUponArrival8:00a9:30a9:40a10:30a12:00p12:40p2:00p2:10p4:40p5:00p | **Shuttle Staged at Hotel for Departure to course****Breakfast****Lecture:** Radiographic Review Session – Radius Femoral Shaft Fractures: Surgical Approach, Direct/Indirect Reduction **Break****Lecture:** Femoral Shaft Fractures: Surgical Approach, Direct/Indirect Reduction Tibia Fractures: Surgical Approach, Direct/Indirect Reduction Techniques**Lunch****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 Fxwith Plate-Rod**Break****Lab 5:** Cadaver #1 Femur (Direct & Indirect Reduction) Demo Approach, Retrograde & Normograde Pinning TechniqueDirect Reduction Oblique Femur Diaphyseal Fx with Lag Screw/Neutralization Plate (LEFT Femur) Indirect Reduction of Comminuted Femur Diaphyseal Fx with Plate-Rod (RIGHT Femur) **Lecture:** Discussion of Key Concepts & Questions**End of Day – Shuttle Departs for Hotel**  |

# Day 3

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| TBAUponArrival8:00a9:30a9:40a11:40a12:20p1:20p2:50p3:00p4:40p5:00p | **Shuttle Staged at Hotel for Departure to course****Breakfast****Lecture:** Radiograph Review Session: Femur **Break****Lab 6:** Cadaver #1 Tibia (Direct & Indirect Reduction) Demo ApproachDirect Reduction Oblique Tibia Diaphyseal Fx with Lag Screw/Neutralization Plate (LEFT Tibia) Indirect Reduction of Comminuted Tibial Diaphyseal Fx with Plate-Rod (RIGHT Tibia)**Lunch****Lecture:** Proximal Tibial Physeal Fracture: Pin &Tension Band Fixation **Lab 7:** Stifle Sawbone (Tension Band Fixation of Tibial Tuberosity Avulsion)**Break****Lecture:**  Bone Grafting Made Simple: How, When & Why? Perioperative Patient Management, Radiographic Surveillance & ComplicationsDiscussion of Take-Home & Key Concepts**End of Course – Shuttle Departs for Airport & Hotel**  |