**PRINCIPLES OF FRACTURE REPAIR**

July 20-22, 2023 | Oquendo Campus

Veterinary Orthopedic ImplantsSponsored by:

# Day 1

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| TBA  Upon  Arrival  8:10a  8:30a  9:15a  10:00a  10:45a  12:00p  12:50p  1:30p  3:00p  4:45p  5:00p | **Viticus Shuttle Staged at Hotel for Departure to course**  **Breakfast**  **Course Overview & Learning Objectives**  **Lecture:** Principles of Bone Healing with Direct & Indirect Reduction  Principles 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–Plate  Indirect Reduction of Comminuted Radial Shaft Fracture with Plate-Rod  **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  **Lecture:** Discussion of Key Concepts & Questions  **End of Day – Shuttle Departs for Hotel** |

# Day 2

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| TBA  Upon  Arrival  8:00a  9:30a  9:40a  10:30a  12:00p  12:40p  2:00p  2:10p  4:40p  5:00p | **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 Fx  with Plate-Rod  **Break**  **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)  **Lecture:** Discussion of Key Concepts & Questions  **End of Day – Shuttle Departs for Hotel** |

# Day 3

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| TBA  Upon  Arrival  8:00a  9:30a  9:40a  11:40a  12:20p  1:20p  2:50p  3:00p  4:40p  5:00p | **Shuttle Staged at Hotel for Departure to course**  **Breakfast**  **Lecture:** Radiograph Review Session: Femur  **Break**  **Lab 6:** Cadaver #1 Tibia (Direct & Indirect Reduction) Demo 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)  **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 & Complications  Discussion of Take-Home & Key Concepts  **End of Course – Shuttle Departs for Airport & Hotel** |