# PRINCIPLES OF FRACTURE REPAIR: HANDS-ON LONG BONE REPAIR

February 10-12, 2022 | Sponsored by:

VETERINARY ORTHOPEDIC IMPLANTS

## Day 1

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| **8:00a** | Welcome and introduction |
| **8:05a** | Principles of bone healing |
| **8:30a** | Direct and indirect fracture reduction |
| **10:00a** | Pins, wires, and external fixators |
| **10:45a** | Bone plates and screws |
| **12:00p** | Working lunch discussion |
| **12:30p** | Lab 1: Direct reduction tibial shaft fracture (plastic bone, cerclage wire, lag screws) |
| **2:15p** | Radial fractures and surgical approach |
| **3:00p** | Lab 2: Direct reduction distal radius fracture (plastic bone and cadaver, T-plate) |
| **4:45p** | Tibial shaft fractures and surgical approach |
| **5:15p** | Femoral shaft fractures and surgical approach |
| **6:00p** | Depart from Oquendo Campus |

## Day 2

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|---|---|
| **8:00a** | Review of day 1 radiographs – Jones |
| **9:00a** | Lab 3: Indirect reduction comminuted tibial fracture (plastic bone and cadaver, plate-rod) |
| **12:00p** | Working lunch discussion |
| **12:45p** | Lab 4: Indirect reduction comminuted femur fracture (plastic bone and cadaver, plate-rod) |

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| **3:30p** | Bone grafts – Dycus |
| **4:00p** | Lab 5: Indirect reduction comminuted radial fracture (cadaver, plate-rod, bone graft) |
| **5:30p** | Depart from Oquendo Campus |

## Day 3

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|---|---|
| **7:30a** | Review of day 2 radiographs – Dycus |
| **9:00a** | Physeal fracture and pin and tension band – Jones |
| **9:30a** | Lab 6: Proximal tibial tuberosity and physeal fracture (plastic bone, cadaver, cross pins, pin and tension band) |
| **11:00a** | Complications – Hulse |
| **11:30a** | Perioperative patient management – Dycus |
| **12:00p** | Depart from Oquendo Campus |