

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

February 10-12, 2022 | Sponsored by:



## Day 1

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

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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WVC uses canine and feline cadavers in continuing education laboratories.

The animals used have been humanely euthanized at an animal shelter for reasons unrelated to the educational laboratory.

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

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

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