Principles of Fracture Repair

May 14-16**, 2019**| **Oquendo Center**

Day 1: Tuesday May 14, 2019 Subject to change.

Time	Topic	Instructor
8:00a	Course objectives	Beale
8:05a-8:30a	Principles of bone healing	Beale
8:30a-10:00a	Direct and indirect fracture reduction	Beale
10:00a-10:45a	Pins, wires, and external fixators	Hulse
10:45a-12:00p	Bone plates and screws	Beale
12:00p-12:30p	Working lunch discussion	All
12:30p-2:15p	**Laboratory 1**- Direct reduction tibial shaft fracture - plastic bone cerclage wire, lag screws	All
2:15p-3:00p	Radial fractures and surgical approach	Hulse
3:00p-4:45p	**Laboratory 2**- Direct reduction distal radius fracture - plastic bone and cadavers, T-plate	All
4:45p-5:15p	Tibial shaft fractures and surgical approach	Beale
5:15p-5:45p	Femoral shaft fractures and surgical approach	Hulse
5:45p-6:00p	Discussion	All
6:00p	End of day	

Day 2: Wednesday May 15, 2019

Time	Topic	
7:45a-9:00a	**Radiographic review** - distal radius fracture	Hulse
9:00a-12:00p	**Laboratory 3** - Indirect reduction comminuted tibial fracture - plastic bone and cadaver, plate-rod	All
12:00p-12:45p	Working lunch discussion	All
12:45p-3:30p	**Laboratory 4** - Indirect reduction comminuted femur fracture - plastic bone and cadaver, plate-rod	
3:30p-4:00p	Bone grafts	Beale
4:00p-5:30p	**Laboratory 5** - Indirect reduction comminuted radial fracture - plastic bone and cadaver, plate-rod	All
5:30p	End of day	

Day 3: Thursday May 16, 2019

Time	Topic	
7:45a-9:00a	**Radiographic review** - tibial, femoral fractures	Beale
9:00a-9:30a	Physeal fracture and pin and tension band	Hulse
9:30a-11:00a	**Laboratory 6** - Proximal tibial tuberosity and physeal fracture- plastic bone and cadaver, cross pins and pin and tension band	All
11:00a-11:30a	Complications	Beale
11:30a-12:00p	Perioperative patient management	Beale

12:00p	End of day