Principles of Fracture Stabilization

Viticus Group – Nashville Center 1

Day 1

7:45a	**Arrival for Check-In**
8:00a	Welcome and Course Objectives
8:05a	**Review Pre-course material:** Key Points Direct Healing/Indirect Healing/Bone graft, Bone Plates and screws, IM pin/cerclage.
9:15a	Break
9:30a	**Lab 1:** Direct reduction long oblique tibial shaft fracture: plastic bone exercise, Pin & cerclage wire, Demo pin placement tibia/cerclage placement
11:00a	**Lab 2:** Direct reduction transverse tibial shaft fracture: compression plate, plastic bone exercise, Demo compression plate
12:00p	**Lunch**
1:00p	**Lab 2:** Continuation
2:00p	**Lecture:** Surgical approach to the radius (distal radius, midshaft radius)
2:30p	**Lab 3:** Direct reduction of a distal radial fracture (cadaver, right and left leg, T-plate).
4:45p	Discussion
5:00p	**End of Day**

Day 2

7:45a	**Arival for Check-In**
8:00a	**Lecture:** Radiographic review
9:15a	Break
9:30a	**Lab 4:** Acquisition Bone Graft, cadaver, right and left humerus
10:00a	**Lab 5:** Indirect reduction comminuted tibial fracture (cadaver right and left leg, plate-rod construct, Demo)
12:00p	**Lunch**
1:00p	**Lab 6:** Indirect reduction comminuted femur fracture (cadaver, plate-rod)
3:00p	Break
3:15p	**Lecture:** Physeal Fractures Avulsion Fracture/Pin and Tension Band Surgical approach distal femur
3:45p	**Lab 7:** (new cadaver) Distal femoral physeal fracture Cross pin
5:00p	**End of Day**

Day 3

7:45a	**Arrival for Check-In**
8:00a	**Lecture:** Radiographic Review: tibial fracture, femoral fracture, physeal fracture
10:00a	**Lecture:** Principles and application of tension band
10:15a	**Lab 8:** Pin Tension Band (Cadaver Tibial Tuberosity)
11:30a	Discussion and take-home points
12:00p	**End of Course**

Viticus Group 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.