

## 2024 OTA Virtual Boot Camp

Course Chairs: Brandon Yuan, MD and George Ochenjele, MD

July 15, 2024 – August 30, 2024

The 2024 Virtual Boot Camp is a 6-week online course that is intended for the practicing orthopaedic surgeon who takes emergency room or trauma call. Current techniques in orthopaedic care will be stressed with attention to appropriate soft tissue management and up-to-date implant selection. Case discussions will be used for interactive learning and audience participation. A limited number of knowledge assessment questions will be utilized to assess comprehension.

Upon successful completion of the 2024 Virtual Orthopaedic Trauma Boot Camp, participants will be able to:

1. Review current indications for operative and non-operative treatment of fractures and dislocations.
2. Summarize the intraoperative techniques and complications related to simple and complex fracture management.
3. Demonstrate appropriate surgical techniques, approaches and implant selections for fracture care

**Video content will become available to learners on July 15, 2024.** The course is comprised of seven modules, with each module hosting a sequence of video lectures and accompanying multiple-choice questions. In the concluding final two weeks of the course, participants will engage in in-depth discussions pertaining to all seven topic areas. These discussions will be facilitated by the course chairs and section moderators. **The discussion sections will become available to all learners on August 12<sup>th</sup>, 2024.**

### Course Outline:

While the asynchronous video lectures and multiple-choice questions aim to provide flexibility to accommodate various schedules, this syllabus is intended to function as a structured guide outlining the course's completion requirements and timeline. **All course content must be completed by August 30, 2024.**

#### Week 1 | July 15, 2024

- **Module 1: Upper Extremity**
  - Clavicle Fracture
  - Humeral Shaft: When You Gotta Do It, How to Do it Right

- Distal Humerus: Approaches, Reduction & Fixation Strategies
- Elbow Dislocations and Fracture Dislocations
- A Primer on Distal Radius Fractures
- **Module 2: Pelvis and Hip**
  - Pelvis & Acetabulum for the Rest of Us
  - Femoral Neck Fracture: Young Folks
  - Femoral Neck Fracture: Old Folk
  - Intertrochanteric Femur Fracture

Week 2 | July 22, 2024

- **Module 3 - Lower Extremity**
  - Subtroch & Tricks for Femoral Shaft
  - Distal Femur: IMN
  - Distal Femur: ORIF
- **Module 4 - Knee/Leg**
  - Knee Dislocations/Multilig Knee Injury
  - Tibial Plateau: Bread & Butter to Limb Threatening
  - Tibial Shaft: Closed/Open, Supra/Infra
  - Tibial Pilon: Perfect Storm of Bony & Soft Tissue Issues
  - Ankle Fractures: When is it Worse Than it Looks?

Week 3 | July 29, 2024

- **Module 5 - Foot/Ankle**
  - Making Sense of the Syndesmosis
  - Talus Fractures: Neck, Body, Lateral Process
  - Calcaneus Fractures
  - Midfoot: Lisfranc, Midfoot Crush
- **Module 6 - Getting Through the Night**
  - Open Fractures
  - Fractures with Vascular Injuries
  - Compartment Syndrome

Week 4 | August 5, 2024

- **Module 7 - How Does the Master Do It?**

- Infection Tibial Nonunion
- Malunion Correction with a Fame
- Plate-Assisted Internal Lengthening for Femoral Non-Union
- Nail Plate Combination Techniques for the Femur
- Reverse Total Shoulder for Proximal Humerus Fractures: You Can Do It Too!

*The discussion sections will become available to all learners on August 12<sup>th</sup>, 2024.*

#### Week 5: August 12, 2024 | Discussions

- Upper Extremity
- Pelvis and Hip
- Lower Extremity

#### Week 6: August 19, 2024 | Discussions

- Knee/Leg
- Foot/Ankle
- Getting Through the Night
- How Does the Master Do It?

*All course content must be completed by August 30, 2024.*