

AGENDA

7:00 *Breakfast*
7:30 Welcome and Introductions (5 min)

Didactic Session 1

7:35 Cervical Spine Injuries: Injury Identification, Prevalence, and Guiding Principles (10 min) **Mark Xu**
7:45 Spinal Cord Injuries: Evaluation, Initial Management, and Evidence Based Practice (10 min) – **Anthony DiGiorgio**
7:55 Occipitocervical Injuries: Identification, Contemporary Management, and Outcomes (15 min) - **Grace Xiong**
8:10 Decision Making for Injuries to C2: When Is Fixation Indicated? (10 min) **Hai Le**
8:20 Managing Jumped Facets(10 min) – **David Gendelberg**
8:30 Upper Cervical Instrumentation Preoperative planning and Techniques (occiput, C2 fixation, C1 fixation) (10 min) – **Yashar Javidan**

Lab Session 1

8:40 Upper cervical instrumentations - saw bones – occipital plates, C1 lateral mass screws, C2 pars (40 minutes – sawbones, possible cadaver for exposure)

Didactic Session 2

9:30 Positioning the unstable spine (10 min) **Wyatt Vander Voort**
9:40 Thoracolumbar Injuries: Injury Classification and Treatment Goals (10 min) **David Gendelberg**
9:50 Compression and osteoporotic fractures: When to intervene? (10 min) **Grace Xiong**
10:00 Burst fractures: Finding the optimal treatment strategy (15 min) **Hai Le**
10:15 Open and percutaneous Pedicle Screw Placement (15 min) **Yashar Javidan**
10:30 Intraoperative Ultrasound in Spine Trauma (10) **Ashraf El Naga**

Lab Session 2

10:40 Percutaneous lumbar pedicle screw fixation - *Cadavers, instruments, prone, C arm (45 min)*
Open thoracic pedicle screw fixation – *Cadavers, instruments, prone, C arm (45 min)*

12:10 *Lunch, exhibitors (50 min)*

Didactic Session 3

1:00 Translational/Rotational Injuries: Surgical Considerations for Complex Fracture patterns (10 min) - **Wyatt Vander Voort**
1:10 Lateral thoracolumbar corpectomy technique (15 min) **Anthony DiGiorgio**
1:25 Spine based instrumentations for lumbosacral injuries (15 min) - **Ashraf El Naga**

Lab Session 3

1:40 Lateral thoracolumbar corpectomy - Cadavers, lateral decubitus, C arm (60 min)
Pelvic fixation - SI Bone module vs prone cadavers – (30 min)

Didactic Session 4

3:10 Case Presentation and Discussion (50 min) – participants encouraged to bring in own cases to discuss/ present - **ALL**