

HIGH YIELD ORTHO TOPICS

Pediatrics

- Clubfoot
- SCFE, Perthes, DDH
- The painful hip / the limping child
- The growth plate
- Fractures about the elbow

Oncology

- Approach to the tumor patient, staging
- Benign Tumors of Bone
- Malignant Tumors of Bone

Spine

- Anatomy of the spinal cord (neurons – cord – ganglia – roots)
- Anatomy of a vertebral segment (including 3 – column theory)
- Disk degeneration
- Root lesions
- Cord syndromes
- Spinal stenosis

Foot and Ankle

- Anatomy of the foot (hindfoot, midfoot, forefoot; medial and lateral columns/"tripod")
- The diabetic foot
- Posterior tibial tendon insufficiency
- Hallux valgus

Hand and Upper Extremity

- Anatomy of a nerve
- Carpal tunnel syndrome
- Compressive neuropathies
- Distal radius fractures

Sports

- Basic science of tendons, ligaments
- Ligaments of the knee
- ACL reconstruction
- Basic science of cartilage
- Cartilage injury
- Meniscal injury

Trauma

- ISS (Injury severity score) / ABCs (primary survey) / ATLS
- Open fracture management
- Fixation techniques (External fixation, plating, intramedullary nailing)
- Hip fractures (femoral neck and intertrochanteric fractures)

Adult Reconstruction

- Osteoarthritis basic science
- Alignment of the knee (mechanical, anatomic, vertical axes)
- Primary total hip arthroplasty principles
- Primary total knee arthroplasty principles