

PA Residency Academic Curriculum

Arthroplasty (total knee, hip, shoulder, elbow, and wrist)

Spine: Disorders such as spinal stenosis, herniated disk, degenerative spondylosis, compression fracture, Chance fracture, burst fracture, Jefferson fracture, Hangman's fracture, epidural abscess, Scheuermann's kyphosis.

Pediatrics: Scoliosis, in-toeing, metatarsus abductus, club foot, congenital hip dysplasia, cerebral palsy, Blount's disease, fractures (Monteggia, Galeazzi, wrist, supracondylar humerus, juvenile tilleaux, toddler's, forearm, finger), arthrogryposis, Perthes disease, tibial torsion, femoral anteversion, limb length discrepancy, polydactyly.

Sports: shoulder laxity, ACL tear, meniscal tear, chondromalacia patella, OCD lesions, Bankart tear, RC tear, arthroscopy of the knee, hip, shoulder, ankle, bursitis, stress fractures, sprain/strain, biceps rupture,

Hand and upper extremity: hand and wrist arthritis, SLAC, SNAC, DISI, wrist fusion, PRC, CMC arthroplasty, finger, MC, wrist, forearm, and elbow fractures, mallet finger, central slip rupture, sagittal band rupture, flexor tendon injury, extensor tendon injury, tendon repair, TFCC tear, S-L tear, peri lunate dissociation, trigger finger, Dupuytren's contracture

Trauma: fracture management, fracture, and dislocation reduction, ORIF principles, compartment syndrome, DVT/PE, external fixation, wound care, negative pressure wound care, amputation, limb salvage, nail bed repair, damage control orthopaedics.

Labs: joint aspiration/injection techniques, cast/splinting application, compartment pressures, reduction principles, suture techniques, OR etiquette (proper scrub, draping, sterile field, time-out, limb exsanguination), tourniquet application, 1st assisting, post-op orders, discharge instructions), BLS, ACLS, PALS.