JULY 1, 2010 – SEPTEMBER 1, 2010

Arthroscopy labs x2 and Cadaver labs

SEPTEMBER 7, 2010
Block 40 – Tumor/Trauma
7-8:00am Form & Function of Bone/Chap 8 (Bauer)
8-9:00am Femur Fracture in Adults (M Joyce)
9-10:00am Proximal Femoral Fracture in Adults (hip fx) (M Joyce)
10-10:30am OITE questions

Resident Case Presentations: Osteonecrosis stages 1-4, intertrochanteric and femoral neck fractures.

SEPTEMBER 14, 2010
Block 41 – Sports Medicine
7-8:00am Form & Function of Tendon & Ligament/Chap 11 (Derwin)
8-9:00am Shoulder Anatomy (Schickendantz)
• Cadaver dissection
• Arthroscopic macroscopic anatomy
• Subacromial and intra articular normal anatomy
9-10:00am Athletic Shoulder Instability's Spectrum of Treatment (Schickendantz)
• Define instability
• Spectrum of instability
• Surgical and rehabilitation considerations
10-10:30am OITE questions

Resident Case Presentations: Nonoperative treatment of the unstable shoulder, treatment of the first time shoulder dislocation, arthroscopic shoulder reconstruction, open shoulder reconstruction.

SEPTEMBER 21, 2010
Block 42 – Tumor/Trauma
7-8:00am Bone Injury, Regeneration & Repair/Chap 18 (Muschler)
8-9:00am Wound Healing and Inflammation (Available Tumor/Trauma Staff)
9-10:00am Management of the Compromised Soft Tissue Wound (M Joyce)
• Open fracture wound management
10-10:30am OITE questions

**Resident Case Presentations:** Open fracture cases.

**SEPTEMBER 28, 2010**
**Block 43 – Sports Medicine**

7-8:00am Form & Function of Skeletal Muscle/Chap 12 (Available BME staff)

8-9:00am Anatomy of the Elbow (Anderson)
  • Cadaver dissection of the elbow
  • Arthroscopic nerve proximity to common portals
  • MCL (UCL) anatomy
  • Posterolateral elbow instability

9-10:00am Treatment Alternatives for Athletic Elbow Injuries (Schickendantz)
  • Surgical vs. Nonsurgical treatment
  • Flexion contracture
  • UCL reconstruction options

10-10:30am OITE questions

**Resident Case Presentations:** Tennis elbow treatment (non-operative vs. operative), arthroscopic release of contracture, ulnar collateral ligament repair/reconstruction.

**OCTOBER 5, 2010**
**Block 44 – Pediatric Orthopaedics**

7-8:00am Genetic Basis of Disorders with Orthopaedic Manifestations/Chap 2 (Ballock)

8-9:00am Limb Length Inequality and Deficiency (Ballock)
  • Identify common congenital and acquired etiologies for limb deficiency
  • Understand the rationale for treatment approaches to the limb deficient child or child with limb length inequality
  • Understand the indications for surgical and non-surgical treatment – including orthotic and prosthetic treatment, osteotomy, epiphyseodesis, lengthening.

9-10:00am Syndromes of Orthopaedic Importance (Gurd)
  • Identify orthopaedic manifestations in these conditions
  • Identify the indications for treatment / surgery in these conditions

10-10:30am OITE questions

Cases should include PFFD, acquired growth plate consolidations, post-traumatic, hemimelias, pseudarthrosis of the tibia; MED, SED, Achondroplasia,
OCTOBER 12, 2010
Block 45 – Adult Reconstruction
7-8:00am Biomechanics/Chap 3 (Resident/van den Bogert)
8-9:00am Periprosthetic Fractures/Management of Unstable THR (Brooks)
9-10:00am Complications of THR (Krebs)
10-10:30am OITE questions

CASES: Hip Fusion, Periprosthetic Fracture, Unstable THR

OCTOBER 19, 2010
Block 46 – Pediatric Orthopaedics
7-8:00am Biomechanics/Chap 3 (van den Bogert)
8-9:00am Trauma of the Lower Extremity and Pelvis (Goodwin)
  • Identify common pediatric lower extremity fractures
  • Understand the indications for surgical treatment
  • Understand the common complications (compartment syndrome, physeal injury)
9-10:00am CP – Myelo – Neuromuscular Disorders (Gurd)
  • Understand the etiology and orthopaedic manifestations in these disorders
  • Understand the treatment principles of these orthopaedic manifestations
  • Understand the multidisciplinary approach to treatment and the role of the orthopedist
10-10:30am OITE questions

Cases should include – Any lower extremity / pelvis fracture – include physeal fx

OCTOBER 26, 2010
Block 47 – Adult Reconstruction
7-8:00am The Biologic Response to Orthopaedic Implants/Chap 20 (Schaffer)
8-10:00am Hip Revisions and Complex Hip Replacements (V Krebs/W Barsoum)
  • The Role of Modularity in THR
  • Proximal vs. Distal fixation of the femoral stem in THR
  • Management of Bony deficiency of the femur in THR
  • Management of bony deficiency of the acetabulum in THR
  • Management of difficult primary THR
10-10:30am OITE questions

CASES: DDH, SCFE, AVN, s/p fusion or osteotomy
NOVEMBER 2, 2010
Block 48 – Hand
7-8:00am Molecular Biology in Orthopaedics/Chap 1

8-9:00am Upper Extremity Biomechanics (Lawton)
  • Wrist
  • Hand

9-10:00am Wrist Instability (Shapiro)
  • Clinical consequences
  • Operative solutions

10-10:30am OITE questions

NOVEMBER 9, 2010
Block 49 – Shoulder

ARTHROSCOPY LAB SHOULDER (Saluan)

NOVEMBER 16, 2010
Block 50 – Hand
7-8:00am Form & Function of Peripheral Nerves and Spinal Cord/Chap 13 (Evans)

8-9:00am Trauma Humeral Fractures (Evans)
  • Diaphyseal
  • Nonunion
  • Radial nerve injury

9-10:00am Elbow Instability (Evans)
  • Medial collateral ligament
  • Lateral collateral ligament
  • Posterolateral rotatory

10-10:30am OITE questions

NOVEMBER 23, 2010
Block 51 – Shoulder
7-8:00am Kinesiology/Chap 15 (van den Bogert)

8-9:00am Primary Shoulder Arthroplasty (Brems)
  • Classification of arthritis as it relates to arthroplasty
  • Pre-operative planning in shoulder arthroplasty
  • Intra-operative considerations during joint replacement
• Outcome analysis in shoulder joint arthroplasty

9-10:00am Salvage procedures (Brems)
10-10:30am OITE questions

Cases from the residents should include shoulder osteoarthritis, rheumatoid arthritis, and cuff tear arthropathy

**November 30, 2010**
**Block 52 – Foot & Ankle**
7-8:00am Anatomy Foot (J Sferra)

8-9:00am Outpatient Management of Common Foot and Ankle Disorders (J Sferra)
  • Review metatarsalgia
  • Review Nerve entrapments of the foot and ankle
  • Review lesser toe disorders

9-10:00am Cases – Metatarsalgia, nerve entrapments, lesser toe disorders (J Sferra)
10-10:30am OITE questions

**December 7, 2010**
**Block 53 – Spine (Adult)**
7-8:00am Form & Function of the Intervertebral Disc/Chap 14 (D Orr)

8-9:00am Spondylolysis and Listhesis (D Orr)

9-10:00am Vertebral Compression Fractures (T Mroz)
10-10:30am OITE questions

**December 14, 2010**
**Arthroscopy Lab Knee** (Saluan)

**December 21, 2010**
**Block 55 – Spine (Adult)**
7-8:00am Spinal Biomechanics (R McLain)

8-9:00am Adult Scoliosis and Kyphosis (D Orr)

9-10:00am Flatback/ Iatrogenic Deformity (D Orr)
10-10:30am OITE questions

JANUARY 4, 2011
Block 56 – Tumor/Trauma
7-8:00am  Biomechanics of Fractures - (B Davis)
  •  Fracture patterns

8-10:00am  Concepts of Fracture Fixation (AO) (M Joyce)
  •  Fracture healing as a function of different types of fixation
  •  General principles of fracture fixation

10-10:30am  OITE questions

Cases: Common fractures cases; possible sawbones

Resident Case Presentations: Treatment of the ankle sprain (inversion vs. high ankle), athletic stress fractures of the foot/ankle, athletic Lis Franc treatment, Turf toe treatment

JANUARY 14, 2011
Block 57 – Adult Reconstruction
7-8:00am  Rheumatoid Arthritis/Chapter 22 (Husni/Resident)

8-9:00am  Cemented & Uncemented Implants (Molloy)
  •  Understand the philosophies and roles of different methods of fixation
  •  Know the results of different fixation techniques

9-10:00am  Anatomy – Lab Session (Barsoum/Krebs/Froimson/Molloy)
  •  Understand the anatomy and planes of the anterior, lateral, and posterior approaches to
    the hip (Barsoum/Walker/Krebs)

10-10:30am  OITE questions

CASES: Hip Arthroscopy, Cemented THA

JANUARY 18, 2011
Block 58 – Tumor/Trauma
7-8:00am  Surgical Anatomy of the Pelvis & Approaches (M Joyce)

8-9:00am  Fractures/Injuries to the Pelvic Ring (M Joyce or Chief Resident)
  •  Classification
  •  Treatment
  •  Results
9-10:00am Fractures of the Acetabulum (M Joyce or Chief Resident)

10-10:30am OITE questions

**Resident Case Presentations:** Pelvic fracture cases

**JANUARY 25, 2011**

**ARTHROSCOPY LAB KNEE** (Saluan)

**FEBRUARY 1, 2011**

**Block 60 – Pediatric Orthopaedics**

7-8:00am Infections in Orthopaedics/Chapter 16 (Goodwin/Resident)

8-9:00am Bone & Joint Sepsis (Goodwin)
   - Understand the pathophysiology of bone and joint sepsis in children
   - Understand the work-up and treatment principles of musculoskeletal infections

9-10:00am Juvenile Idiopathic Arthritis/Spondyloarthropathies (Spalding/Hashkes/Gurd)
   - Identify the common arthritides and spondyloarthropathies in children
   - Understand the indications for treatment in these disorders
   - Understand the management approach to the limping child

10-10:30am OITE questions

Cases should include septic arthritis (hip), transient synovitis, osteomyelitis, JRA

**FEBRUARY 8, 2011**

**Block 61 – Adult Reconstruction**

7-8:00am Rheumatoid Arthritis (L Calabrese/Resident) (B)

8-9:00am Arthroplasty in the Patient with RA (Barsoum/Krebs)

9-10:00am Anatomy, Conservative Measures and Minimally Invasive TKA (Barsoum/Krebs)

10-10:30am OITE questions

CASES: MIS THA, MIS TKA, Navigation TKA

**FEBRUARY 15, 2011**

**Block 62 – Pediatric Orthopaedics**

7-8:00am Growth & Development of the Skeleton/Chapter 7 (Ballock/Resident)
8-10:00am  The Pediatric and Adolescent Hip (DDH / SCFE / LCPD)  
(Goodwin/Gurd)
  • Identify common disorders of the pediatric and adolescent hip
  • Understand the indications for treatment of these conditions

10-10:30am  OITE questions

Cases should include infantile DDH, residual DDH, SCFE, Osteotomy for SCFE, LCPD

AAOS ANNUAL MEETING – February 16-19, 2011

FEBRUARY 22, 2011
Block 64 – Shoulder
7-8:00am  Biomaterials/Chapter 4 (LRI staff)

8-9:00am  Coding Basics (D Voss/available speaker from billing)

9-10:00am  Complex and Revision Shoulder Arthroplasty (Iannotti)
  • Normal and prosthetic kinematics of the shoulder
  • Effect of the capsule, rotator cuff and joint anatomy on shoulder function and prosthetic design
  • Effect of malposition on shoulder function
  • Causes and management of failed shoulder replacement

10-10:30am  OITE questions

Cases from the residents should include failed shoulder arthroplasty, malunions of the proximal humerus and glenoid bone loss.

MARCH 1, 2011
Block 65 – Hand
7-8:00am  Upper Extremity Anatomy (Lawton)

8-10:00am  Trauma & Compartment Syndrome (Maschke)

10-10:30am  OITE questions

MARCH 8, 2011
Block 66 – Shoulder
7-8:00am  Regional Anesthesia (Mounir-Solimon)

8-9:00am  Surgical Anatomy of the Shoulder (Brems)
  • Pertinent static anatomy of the shoulder
  • Dynamic aspects of surgical anatomy of the shoulder
  • The brachial plexus as it relates to surgery about the shoulder
• Muscular anatomy as it relates to surgery about the shoulder

9-10:00am Nerve Lesions and Scapular Dysfunction (Evans)

10-10:30am OITE questions

Cases from the residents should include brachial plexus lesions, scapulothoracic instabilities and long thoracic nerve lesions.

MARCH 15, 2011
Block 67 – Hand
7-8:00am Congenital Hand Disorders (Lawton/Maschke)
   1. Thumb hypoplasia
   2. Duplication
   3. Radial and ulnar hypoplasia
   4. Syndactyly

8-9:00am Metacarpal and Phalangeal Fractures (Maschke)

9-10:00am Congenital Disorders of the Upper Extremity (excluding congenital hand) (Kuivila/Lawton/Maschke)
   • Identify common congenital / acquired deformities of the upper extremity
   • Understand the indications for treatment

10-10:30am OITE questions

Cases should include congenital radio-ulnar synostosis, cong disl radial head, madelung, Sprengel’s, clavicular pseudarthrosis

MARCH 22, 2011
Block 68 – Foot & Ankle
7-8:00am Molecular and Cell Biology in Orthopaedics (LRI staff/Resident)

8-9:00am Diabetic Orthotics (Cavanagh) (B)

9-10:00am Management of the Diabetic Foot (Donley/Botek)
   • Conservative treatment with orthotics/bracing
   • Ulcer treatment
   • Treatment of infection of soft tissue and bone
   • Charcot Neuropathy

10-10:30am OITE questions

Cases should include osteomyelitis and charcot neuropathy to emphasize operative and non-operative treatment.
MARCH 29, 2011  
Block 69 – Spine (Adult)  
7-8:00am  The Molecular Basis of Cancer (D Hicks)  
8-9:00am  Primary Spine Tumors (E Benzel)  
9-10:00am  Spinal Metastases (R McLain/Schlenk)  
10-10:30am  OITE questions  

April 5, 2011  
Block 70 – Foot & Ankle  
7-8:00am  Orthopaedic Pharmacology & Therapeutics/Chapter 17  
(Rheumatology or LRI staff/Resident)  
8-9:00am  Ankle Sprains (Sferra)  
  • Understand mechanisms of ankle sprains  
  • Review conservative treatment for ankle sprains  
  • Review diagnosis and treatment of chronic ankle instability  
9-10:00am  Conservative Treatment of Musculoskeletal Injuries (Dimeff/Figler)  
10-10:30am  OITE questions  

Cases from the residents should include ankle instability and acute ankle sprains that are missed diagnosed such as lateral process of talus fracture or anterior process fracture of calcaneus.  

April 12, 2011  
Block 71 – Spine  
7-8:00am  Neuromuscular Disease/Chapter 24 (Chemali)  
8-9:00am  SpineTrauma Principles - including spinal cord injury (T Moore)  
8-9:00am  Treatment Alternatives for Athletic Spine Injuries (Gordon Bell)  
  • Transient neuropraxia  
  • Stress related conditions  
  • Herniated disc  
10-10:30am  OITE questions  

Cases should include c-spine deformity, klippel-feil, torticollis, spine trauma, SCIWORA
APRIL 19, 2011
Block 72 – Pediatric Orthopaedics
7-8:00am Evidence-based Orthopaedics/Chapter 5 (Andrish)

8-9:00am The Child’s Foot (Ballock)
• Identify common pediatric foot abnormalities
• Understand the Ponseti protocol for treatment of clubfoot
• Understand the indications for treatment in these disorders

9-10:00am C-Spine Disorders in Childhood (Kuivila)

10-10:30am OITE questions

Cases should include clubfoot, CVT, Cavus, Flatfoot, tarsal coalition, etc.

APRIL 26, 2011
Block 73 – Sports Medicine
7-8:00am Metabolic Bone Disease/Chapter 23 (Deal/Resident)

9-10:00am Pediatric Athletic Injuries: Special Considerations (Saluan)
• Physeal macrotrauma
• Physeal microtrauma repetitive
• Weight training guidelines

9-10:00am Treatment Alternatives for Patellofemoral Problems (Andrish)
• Lateral retinacular anatomy
• Mediotetral femoral ligament anatomy
• Common procedures for patellar instability

10-10:30am OITE questions

MAY 3, 2011
Block 74 – Tumor/Trauma
7-8:00am Thromboembolism & Pulmonary Distress in the Setting of Orthopaedic Surgery (Bartholomew/Ruschaupt)

8-9:00am Fractures/Injuries of the Tibia (M Joyce/Chief Resident)
• Classification
• Treatment
• Results

9-10:00am Compartment Syndrome (M Joyce/Chief Resident)

10-10:30am OITE questions

Cases should include Acetabular fracture cases
MAY 10, 2011
Block 75 – Adult Reconstruction
7-8:00am Articular Cartilage and Osteoarthritis/Chapter 9 (LRI staff/Resident)
8-9:00am Care of the Adult Patient/Management of the Geriatric Patient (Froimson/Palmer)
9-10:00am Prevention of Surgical Errors (Barsoum)
10-10:30am OITE questions

CASES: Medical complications, pre-op clearance

MAY 17, 2011
Block 76 – Hand
7-8:00am Anatomy Review and Depuytren’s Contracture (Lawton/Maschke)
8-9:00am The Stiff Elbow / Post-traumatic & Congenital (Evans/Maschke)
9-10:00am Cerebral Palsy - Upper Extremity (Lawton)
10-10:30am OITE questions

MAY 24, 2011
Block 57 – Foot and Ankle
7-8:00am Articular Cartilage Repair/Chapter 19 (LRI staff)
8-9:00am Anatomy of the Leg/Ankle/Foot (Sferra)
   • Cadaver anatomy of the leg/ankle/foot
   • Compartments of the leg
   • Commons approaches to the foot/ankle and leg
9-10:00am Treatment Alternatives for Athletic Leg/Ankle/Foot Injuries (Donley)
   • High vs. Inversion Ankle sprains
   • Turf toe
   • Athletic mid foot injuries
   • Fractures about the leg/ankle/foot
10-10:30am OITE Questions