

# Department of Orthopaedic Surgery

Website: <http://www.ortho.wustl.edu>

## Courses

Visit online course listings to view offerings for M96 Ortho (<https://courses.wustl.edu/CourseInfo.aspx?sch=M&dept=M96>).

### M96 Ortho 807 Physical Medicine and Rehabilitation (Clinical Elective)

The elective is designed to provide the student with a broad introduction to the field of Physical Medicine and Rehabilitation. Major objective of this clinical elective is to achieve greater knowledge of the neurological and musculoskeletal diseases and their treatment, and gain understanding of basic principles of rehabilitation. The student will learn the clinical and rehabilitative care of patients with strokes, traumatic brain injury, spinal cord trauma and diseases, and limb amputations. Student will gain clinical skills in evaluating in management of functional impairments. Students will be expected to participate in daily rounds on inpatient rehabilitation units with the clinical care team, follow 3-5 patients, attend multidisciplinary team conferences and family meetings, attend outpatient rehabilitation clinics in spinal cord, stroke, traumatic brain injury, and amputee. Teaching and supervision is provided by the physiatry and neurology faculty of the Division of Rehabilitation. Rehabilitation and neurology residents are involved in student teaching as well. Students are required to participate in didactic teaching conferences within the PM&R residency. This rotation is particularly useful for students considering careers in rehabilitation, neurology, geriatrics, primary care, neurosurgery, or any other field that will require experience in the evaluation and management of patients with physical impairment and disabilities.

### M96 Ortho 815 Orthopedic Surgery (Clinical Elective)

**Available blocks:** All  
**2 or 4 weeks**

This 2 or 4 week elective will allow for a rich immersion within one of many possible orthopaedic surgery subspecialties. The student will be assigned to a mentor/preceptor and work primarily with a single attending within the possible available subspecialties including orthopaedic oncology, hand surgery, orthopaedic trauma, sports medicine, arthroplasty and adult reconstruction, pediatric orthopaedics, spine, foot and ankle or shoulder and elbow. The student will have the opportunity to care for patients in the inpatient and outpatient setting, and working within a team to include residents, attendings and possibly fellows. Emphasis will be on the evaluation and treatment of a variety of orthopaedic conditions in the outpatient clinic and hospital. Surgical education with an emphasis on anatomy, surgical approaches and operative rationale will be central to the rotation. Participation in department and service specific lectures and conferences will be expected. Overnight call responsibilities will be available to allow for further exposure to the management of acute orthopaedic problems in the emergency room.

**Student time distribution:** Variable by service. Inpatient 0-80%; Outpatient 20-100%; Conferences/Lectures 10%; Subspecialty Care 80%

**Patients seen weekly:** Variable, approximately 80

**On-call/weekend responsibility:** Call will be expected. Frequency will be no more than every 4th day, variable based on number of students in the call pool.

### M96 Ortho 816 PM&R Musculoskeletal and Sports Medicine (Clinical Elective)

**Available blocks:** 1, 2, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 16  
**Rotation options:** 2 or 4 weeks

In this outpatient Physical Medicine and Rehabilitation rotation, students will assess patients with musculoskeletal and sport medicine concerns, develop a diagnostic approach, and design treatment plans. Common presenting concerns include acute or chronic pains, strains, and sprains. Students will be exposed to a variety of outpatient procedures including diagnostic ultrasound, electrodiagnostic testing, as well as anatomic, ultrasound, and fluoroscopic-guided injections. This rotation is useful for any student, especially those interested in PM&R, primary care, emergency medicine, radiology, and orthopedic surgery.

**Duties:** Evaluating new and return patients in clinic, participating in and helping with outpatient procedures, attending PM&R Conference / Journal club. All of this will be under the guidance of attendings, residents, and possibly fellows.

**Patient population:** pediatric and adult, including geriatric

**Student time distribution:** 95% Outpatient; 5% Conferences/Lectures; 100% Subspecialty care

**Patients seen weekly:** 15-25 per day, 60-125 per week, 30-50 of which will be outpatient procedures

**On-call/weekend responsibility:** none

### M96 Ortho 817 PM&R and Orthopedic Injury Clinic (Clinical Elective)

**Available blocks:** 1, 2, 4, 5, 6, 7, 11, 13, 14, 15, 16  
**Rotation options:** 2 weeks

In this outpatient Physical Medicine and Rehabilitation rotation, students will assess patients presenting to the Orthopedic Injury Clinic, our orthopedic urgent care clinic. Common presenting concerns include acute or chronic pains, fractures, strains, and sprains. Students will help develop a diagnostic approach and design treatment plans. Students will be exposed to a variety of outpatient procedures including diagnostic ultrasound, anatomic, ultrasound, and fluoroscopic-guided injections. This rotation is useful for any student, especially those interested in PM&R, primary care, emergency medicine, pediatrics, radiology, and orthopedic surgery.

**Duties:** Evaluating new and return patients in clinic, participating in and helping with outpatient procedures, attending PM&R Conference / Journal club. All of this will be under the guidance of attendings, residents, and possibly fellows.

**Patient population:** pediatric and adult, including geriatric

**Student time distribution:** 95% Outpatient; 5% Conferences/Lectures; 100% Subspecialty care

**Patients seen weekly:** 15-25 per day, 60-125 per week, 30-50 of which will be outpatient procedures

**On-call/weekend responsibility:** none

---

**M96 Ortho 899 Special Study Elective: Orthopedic Surgery**

---

**M96 Ortho 899C Clinical Special Study Elective: Ortho**

---

**M96 Ortho 910 Orthopedic Surgery Advanced Clinical Rotation (ACR)**

This will be a 4 week clinical experience involving the evaluation, diagnosis and treatment of orthopedic conditions. This will be an inpatient and outpatient clinical experience with exposure to a variety of degenerative and acute orthopedic disease states. Students will be expected to function at the level of a PGY1 with regard to clinical duties and responsibilities. Participation will involve floor management, ER evaluation, operating theatre participation and outpatient clinic experience. Emphasis will be on correlating anatomy to function in normal and pathologic states. Patient populations: adult and pediatric Services: orthopedic trauma, adult reconstruction (joint replacement), or pediatric orthopedics Duties: rounding on inpatients, participating in service and department wide education conference, participating/assisting in operations, seeing and evaluating new, return and postoperative patients in clinic, taking call in the emergency room. This will be done under the guidance of attendings, fellows and residents.

Credit 140 units.

---