

# **Department of Orthopaedic Surgery**

## **Educational Curriculum Guide**

(Revised 2017)

University of Tennessee College of Medicine Chattanooga  
Department of Orthopaedic Surgery  
Orthopaedic Surgery Residency Program

Educational Curriculum Guide  
Revised July 2017

**Mission Statement**

The mission of the Orthopaedic Surgery Residency Program of the University of Tennessee College of Medicine Chattanooga is to train qualified residents to practice high quality orthopaedic surgery. The three main components of the educational program -- curriculum, research, and patient care-- are structured to offer the knowledge, skills, attitudes, and clinical judgment required for the competent practice of orthopaedic surgery.

**Program Overview**

The Department of Orthopaedic Surgery is committed to educating resident physicians to becoming competent, independent practitioners capable of providing the highest quality patient care in the specialty area of orthopaedic surgery. The curriculum includes extensive education in basic science as well as clinical, cognitive and technical skills.

The residency program is a university-based hospital program with the clinical training primarily within the Erlanger Health System. At the main campus, orthopaedic surgery training is supported by a large, tertiary medical center and designated Level 1 Trauma Centers for adults and children.

Baroness Erlanger Hospital (456 bed adult hospital)  
Children's Hospital at Erlanger (110 bed pediatric hospital)

Plaza Ambulatory Surgery Center

**Goal**

For the resident to be educated and trained to be a competent and independent practitioner providing high quality care in the specialty area of orthopaedic surgery. Competency should be attained in six key areas:

Patient Care  
Medical Knowledge  
Professionalism

Interpersonal and Communication Skills  
Practice-Based Learning  
Systems-Based Practice

PGY1 – see page 3

PGY2-5 – rotations on various subspecialties. The total time spent on the rotations is as follows:

Ortho trauma – 12 mos	Arthroplasty	} 4 mos each
Sports/Shoulder/General – 8 mos	Elective Surgery	
Pediatric orthopaedics – 6 mos	Foot & Ankle	
Research – 2 mos.	Hand	
	Spine	

### **Instructional Methods**

Conferences  
OR & Office/Clinic Supervision  
Surgical Skills Lab

Arthroscopic Skills Courses  
OITE Reviews  
Institutional Core Curriculum

### **Conferences – 5 hours/week**

Grand Rounds  
Journal Club  
Basic Science  
M&M  
Sports/Radiology  
Fracture Conference  
Anatomy  
Physical Exam  
Scoliosis

### **Curriculum Conferences**

\*Arthroplasty  
\*Foot & Ankle  
\*Hand  
\*Pediatrics  
\*Spine  
\*Sports  
\*Trauma

### **Evaluation of Residents**

- Rotation specific evaluations based on 6 core competencies and Milestones
- Daily communication in OR, clinics and conferences
- 360° evaluations 2 times/year
- Semi-annual evaluations by Program Director
- OITE scores
- Semi-annual Milestone evaluations by Clinical Competency Committee

## Summary of Orthopaedic Rotations:

### PGY-1 Level

Sports/General Ortho Emergency Pediatric Ortho	} 1 mo each	Rheumatology Plastic/Burn Surgery SICU Vascular Surgery	} 1 mo each
Orthopaedic Trauma	3 mos	Gen. Surgery Trauma	2 mos

### PGY-2 Level

Foot/Ankle Surgery (2 months)  
Hand Surgery (2 months)  
Orthopaedic Trauma (4 months)  
Sports, Shoulder General (2 months)  
Pediatric Orthopaedic Surgery (1 month)  
Research (1 month)

### PGY-3 Level

Pediatric Orthopaedic Surgery (2 months)  
Orthopaedic Trauma (4 months)  
Spine (2 months)  
Sports, Shoulder General (2 months)  
Arthroplasty/Adult Reconstruction (2 months)

### PGY-4 Level

Hand Surgery (2 months)  
Foot/Ankle Surgery (2 months)  
Orthopaedic Trauma (2 months)  
Pediatric Orthopaedic Surgery (3 months)  
Spine (2 months)  
Research (1 month)

### PGY-5 Level (Chief Resident)

Sports, Shoulder, General (4 months)  
Orthopaedic Trauma (2 months)  
Arthroplasty/Adult Reconstruction (2 months)  
Chief Elective Surgery (4 months)

# Orthopaedic Surgery Rotation Schedule 2017-2018

PGY Level	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
<b>PGY-5</b>	Trauma	Trauma	SSG	SSG	Chief Elective	Chief Elective	SSG	SSG	Chief Elective	Chief Elective	Arthro	Arthro
<b>PGY-5</b>	SSG	SSG	Chief Elective	Chief Elective	Trauma	Trauma	Arthro	Arthro	SSG	SSG	Chief Elective	Chief Elective
<b>PGY-5</b>	Chief Elective	Chief Elective	Trauma	Trauma	SSG	SSG	Chief Elective	Chief Elective	Arthro	Arthro	SSG	SSG
<b>PGY-4</b>	Resrch	Peds	Hand	Hand	Spine	Spine	Peds	Peds	Trauma	Trauma	F & A	F & A
<b>PGY-4</b>	Spine	Spine	Peds	Peds	Hand	Hand	Trauma	Trauma	F & A	F & A	Peds	Resrch
<b>PGY-4</b>	Hand	Hand	Spine	Spine	Resrch	Peds	F & A	F & A	Peds	Peds	Trauma	Trauma
<b>PGY-3</b>	Peds	Peds	Arthro	Arthro	Trauma	Trauma	SSG	SSG	Trauma	Trauma	Spine	Spine
<b>PGY-3</b>	Arthro	Arthro	Trauma	Trauma	SSG	SSG	Spine	Spine	Peds	Peds	Trauma	Trauma
<b>PGY-3</b>	Trauma	Trauma	SSG	SSG	Arthro	Arthro	Trauma	Trauma	Spine	Spine	Peds	Peds
<b>PGY-2</b>	F & A	F & A	Peds	Resrch	Trauma	Trauma	Hand	Hand	SSG	SSG	Trauma	Trauma
<b>PGY-2</b>	SSG	SSG	Trauma	Trauma	F & A	F & A	Resrch	Peds	Trauma	Trauma	Hand	Hand
<b>PGY-2</b>	Trauma	Trauma	F & A	F & A	Peds	Resrch	Trauma	Trauma	Hand	Hand	SSG	SSG
<b>PGY-1</b> Burt Dunlap	Ortho ED	Plastics	Ortho Trauma	GS Trauma	GS Trauma	Ortho Peds	Rheum	SSG	Ortho Trauma	Ortho Trauma	GS-B	SICU
<b>PGY-1</b> Tyler Ward	GS-B	Ortho Trauma	Ortho ED	Rheum	SSG	Plastics	Ortho Peds	GS Trauma	GS Trauma	SICU	Ortho Trauma	Ortho Trauma
<b>PGY-1</b>	Ortho Trauma	GS Trauma	SSG	Ortho Peds	Ortho ED	Rheum	Ortho Trauma	Ortho Trauma	GS Trauma	Plastics	SICU	GS-B

## Resident Resources Supplied by Department

### **Books/Journals Currently Provided**

- ◆ *Journal of Bone and Joint Surgery* (PGY-1 – 5)
- ◆ *JAAOS* (PGY-1 – 5)
- ◆ *Orthopaedic Basic Science Text* (PGY-1) ebook
- ◆ *OKU – 9<sup>th</sup> edition* (PGY-1) ebook
- ◆ *Tachdjian's Pediatric Orthopaedics*(PGY-2) ebook
  
- ◆ 256G iPad
  
- ◆ Loupes (PGY-1) basic set of loupes
  
- ◆ Lead (PGY-1)
  
- ◆ AAOS ResStudy subscription provided

Additional texts and journals for specific rotation **must be checked out of program office. At the end of each rotation the books must be returned to the program office in good condition.**

\*The UT College of Medicine provides access to the American Medical Association's Introduction to the Practice of Medicine (IPM) online educational series. Information on this series is distributed by the Office of Graduate Medical Education.

## Research

Orthopaedic surgery residents are required to have one research project completed and written in a publishable format and submitted to and approved by the program director before graduation. A one-month rotation at PGY-2 and at PGY-4 allows concentrated attention to research projects. Residents will be allowed additional time to work on their projects with the specific times being approved by the rotation director.