



THE UNIVERSITY OF
TENNESSEE
HEALTH SCIENCE CENTER.

COLLEGE OF MEDICINE
CHATTANOOGA

Department of Orthopaedic Surgery

Educational Curriculum Guide

University of Tennessee College of Medicine - Chattanooga
Department of Orthopaedic Surgery
Orthopaedic Surgery Residency Program
Educational Curriculum Guide

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	
Shoulder/Elbow – 2 mos.	Hand	
	Spine	

Clinical Experience is also available during several rotations when caring for patients needing musculoskeletal oncology expertise under the direction of Dr. Ryan Voskuil who is fellowship trained in this area.

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
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

Ortho Emergency	}	1 mo each	Rheumatology	}	1 mo each
Pediatric Ortho			Plastic/Burn Surgery		
	SICU				
	Neurosurgery				
Orthopaedic Trauma	4 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 (2 months)

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

Pediatric Orthopaedic Surgery (2 months)
Hand Surgery (2 months)
Foot/Ankle Surgery (2 months)
Orthopaedic Trauma (2 months)
Shoulder/Elbow (2 months)
Spine (2 months)

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

PGY Level	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
PGY-5	Trauma	Trauma	SSG	SSG	Chief Elective	Chief Elective	SSG	SSG	Chief Elective	Chief Elective	Arthro	Arthro
PGY-5	SSG	SSG	Chief Elective	Chief Elective	Trauma	Trauma	Arthro	Arthro	SSG	SSG	Chief Elective	Chief Elective
PGY-5	Chief Elective	Chief Elective	Trauma	Trauma	SSG	SSG	Chief Elective	Chief Elective	Arthro	Arthro	SSG	SSG
PGY-4	Peds	Peds	Hand	Hand	Spine	Spine	Sh/EI	Sh/EI	Trauma	Trauma	F & A	F & A
PGY-4	Hand	Hand	Spine	Spine	Peds	Peds	F & A	F & A	Sh/EI	Sh/EI	Trauma	Trauma
PGY-4	Spine	Spine	Peds	Peds	Hand	Hand	Trauma	Trauma	F & A	F & A	Sh/EI	Sh/EI
PGY-3	SSG	SSG	Arthro	Arthro	Trauma	Trauma	Peds	Peds	Trauma	Trauma	Spine	Spine
PGY-3	Arthro	Arthro	Trauma	Trauma	SSG	SSG	Spine	Spine	Peds	Peds	Trauma	Trauma
PGY-3	Trauma	Trauma	SSG	SSG	Arthro	Arthro	Trauma	Trauma	Spine	Spine	Peds	Peds
PGY-2	F & A	F & A	Peds	Peds	Trauma	Trauma	Hand	Hand	SSG	SSG	Trauma	Trauma
PGY-2	Peds	Peds	Trauma	Trauma	F & A	F & A	SSG	SSG	Trauma	Trauma	Hand	Hand
PGY-2	Trauma	Trauma	F & A	F & A	Peds	Peds	Trauma	Trauma	Hand	Hand	SSG	SSG
PGY-1	Ortho Trauma	Ortho Trauma	GS Trauma	GS Trauma	Neuro	Plastics	Ortho Tr/Peds	Rheum	Ortho ED	SICU	Ortho Peds	Ortho Trauma
PGY-1	Neuro	Ortho ED	Ortho Trauma	Ortho Trauma	GS Trauma	GS Trauma	Plastics	Ortho Tr/Peds	Rheum	Ortho Peds	Ortho Trauma	SICU
PGY-1	GS Trauma	GS Trauma	Ortho ED	Plastics	Ortho Trauma	Ortho Trauma	Rheum	Neuro	Ortho Tr/Peds	Ortho Trauma	SICU	Ortho Peds

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* – 9th edition (PGY-1) ebook
- ◆ *Tachdjian's Pediatric Orthopaedics*(PGY-2) ebook

- ◆ 256G iPad

- ◆ Loupes (PGY-1) basic set of loupes

- ◆ Lead (PGY-1) basic apron, thyroid shield

- ◆ AAOS ResStudy and OrthoBullets subscriptions 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. One half-day per week is allowed for 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.

Residents must also participate in a Quality Improvement/Patient Safety (QIPS) project prior to graduation.