Department of Orthopaedic Surgery

Educational Curriculum Guide

(Revised 2014)
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)
T. C. Thompson Children's Hospital (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
Sports/Shoulder/General – 8 mos
Pediatric orthopaedics – 6 mos
Research – 2 mos.

Arthroplasty
Elective Surgery
Foot & Ankle
Hand
Spine

4 mos each

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

Rheumatology
Plastic/Burn Surgery
SICU
Vascular Surgery

Orthopaedic Trauma 3 mos
Gen. Surgery Trauma 2 mos

1 mo each
1 mo each

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)
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<tr>
<th>PGY Level</th>
<th>July</th>
<th>Aug</th>
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<th>Oct</th>
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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

♦ 64G 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.