

Pediatric Orthopedics

Institution: Vanderbilt Children's Hospital

Duration: 4 weeks

Supervising Physician: Gregory Mencio

Contact Information:
gregory.mencio@vanderbilt.edu

Year of Training: PGY-1

Educational Objectives:

Pediatric Orthopedics for the PGY-1 resident is designed as an introduction to pediatric orthopedics, geared towards preoperative assessment, basic technical skills, and postoperative care.

Medical Knowledge

- ✓ Understand basic orthopedic anatomy.
- ✓ Understand the pediatric growth in the context of orthopedics.
- ✓ Understand basic radiology in context of pediatric anatomy

Patient care and Procedural Skills

- ✓ Concisely and accurately present relevant information for overnight consults and new cases for the day with resident team.
- ✓ Demonstrate knowledge of postoperative events, relevant laboratory work, and any other relevant changes regarding active floor patients, and incorporate these into ongoing care suggestions
- ✓ Demonstrate basic assistant's skills in the operating room, including knot-tying and suturing
- ✓ Perform maintenance wound care and drain care for pediatric orthopedic procedures

Practice-Based Learning and Improvement

- ✓ Read something about one diagnosis each day for a patient you have seen.
- ✓ Utilize assigned journal articles as well as available textbook chapters and information technology (including PubMed search and literature review) to improve patient care.
- ✓ Review key findings with your attending after each patient encounter to double-check your own work and develop your diagnostic skills.
- ✓ Incorporate formative evaluation feedback into daily practice.

Interpersonal and Communication Skills

- ✓ Ensure that the nurse practitioner and attending are aware of the progress of all patients on the service.
- ✓ Clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.
- ✓ Clearly, accurately, and respectfully communicate with patients and appropriate members with their families about identified disease processes (including complications), the expected courses, operative findings, and operative procedures.
- ✓ Ensure that clear, concise, accurate, and timely medical records are maintained on all patients.

Professionalism

- ✓ Demonstrate compassion, integrity, and respect for others.
- ✓ Demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.
- ✓ Demonstrate respect for patient privacy and autonomy.
- ✓ Remain honest with all individuals at all times in conveying issues of patient care.
- ✓ Respond to the needs of the patient above one's own needs and desires.
- ✓ Demonstrate a commitment to the continuity of patient care to carrying out professional responsibilities or through assuring that those responsibilities are fully and accurately conveyed others acting in his/her stead.
- ✓ Understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital at least weekly.

- ✓ Be properly and professionally attired at all times while engaged in patient care.
- ✓ Reliably be present in prearranged places at prearranged times except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.
- ✓ Remain compliant with all required training designated by the institution.

Systems-based practice

- ✓ The resident should be able to assess the risks and benefits of all options for treating patients with orthopedic diagnoses.
- ✓ Recognize and understand areas for potential quality improvement and how to initiate the QI process.
- ✓ Record in medical records in a timely manner.

Description of Clinical Experiences:

Specific daily responsibilities and expectations will be discussed at the beginning of the rotation.

Review new patients added inpatient census and maintain/update panel with summaries for each patient up to date. Print lists and OR schedule for the day in the morning for resident team.

Round on patients to complete work list following morning rounds (including addressing floor and nursing issues or concerns, pulling drains, changing dressings, discuss with consulting teams plans for the day.

Round with teams or attendings in evening and be familiar with updates, plans, and patient summaries.

Description of Didactic Experiences:

Monday Morning Pre-op Conference: 6:15 am

Friday Morning Post-op Conference: 6:15 am

Pediatric Orthopedic Core Curriculum Lectures: 1st, 3rd, and 5th Mondays

Evaluation Process:

Faculty and senior residents will evaluate the performance of each resident using these goals and objectives. Each resident on the service will evaluate the rotation, the service, faculty and any senior residents on the rotation.

Other Important Rotation Information: