

ORTHOPAEDICS

Contact: Linda (492-9767)

When to contact: One month prior

Preceptors: Paul Esposito, M.D.; Glen Ginsburg, M.D.; Dr. Susan Scherl, M.D.

Where to meet: Pediatric Orthopaedics Office, 10506 Burt Circle or Orthopaedic Clinic, Durham Medical Plaza (This will depend on the day of the week and the physician).

Purpose:

The purpose of the Pediatric Orthopaedic elective is to provide the resident the ability to evaluate children with musculoskeletal complaints. In addition, training in the physical examination and utilization of ancillary studies to allow for a timely, appropriate diagnosis will be a priority on this rotation.

Objectives:

1. The resident will be able to obtain an accurate musculoskeletal history and differentiate abnormal musculoskeletal problems from the normal developmental milestones.
2. The resident will learn to evaluate the child physically, and accurately describe and record appropriate physical findings. Normal developmental findings will be distinguishable from abnormal developmental findings to the resident by the completion of the rotation.
3. The resident will be able to recognize the more common musculoskeletal problems that occur in children, and be taught appropriate referral patterns.
4. The resident will be taught basic radiographic interpretation and will be exposed to the preoperative, intraoperative, and postoperative basic radiographic interpretation. They will be exposed to the preoperative, intraoperative, and postoperative care of the pediatric musculoskeletal patients. This will include children with trauma as well as neuromuscular abnormalities and congenital anomalies.
5. Appropriate evaluation and recognition of traumatic, congenital, developmental and inflammatory problems will be achieved.

Methods:

1. The pediatric resident will be integrated into the pediatric orthopaedic service and will interact with orthopaedic residents as well as the orthopaedic faculty.
2. The rotation will be tailored to the resident's interests, which typically are primarily in the clinic setting, but there will be some exposure to the care of the musculoskeletal patient in the inpatient setting as well as in the operative theater.

Implementation:

Recommended text books are available in our office for the residents to utilize during the rotation. Recommended textbooks include:

- Pediatric Orthopaedics by Dennis Weiner
- Fundamentals of Pediatric Orthopaedics by Lynn T. Staheli
- Essentials of Musculoskeletal Care, published in conjunction with the American Academy of Orthopaedic Surgeons and the American Academy of Pediatrics

Evaluation:

Throughout the rotation with one-on-one interaction the resident's knowledge base will be evaluated. Satisfactory completion of this rotation will include discussions at which point the resident will have the opportunity to demonstrate their ability to obtain a musculoskeletal history and physical, as well as to outline appropriate referral patterns and treatment for patients with common pediatric orthopaedic problems.