

**ELECTIVE NAME:**

Pediatric Orthopedics

**COURSE NO:**

SUR 613

**PREREQUISITE:**

Required Pediatric & Basic Surgery Clerkships

**INSTITUTION:**

DeVos Children's Hospital

INSTRUCTORS: Drs. J. Engels, M.Forness, B. Hotchkiss, D. Maples

**OBJECTIVES:**

The course will introduce the student to clinical pediatric orthopedic conditions. It will provide general and some specific knowledge about the effects of traumatic, infectious, congenital, developmental, degenerative, neoplastic, and vascular insults to the developing neuromusculoskeletal system. The effects of these conditions on the individual and family and the management of the psychosocial manifestations will be observed. The student will be able to recognize significant pathological conditions and separate them from developmental variants, understand the rationale and principles of management of these various conditions, and perform selected special procedures such as uncomplicated plaster casting and splinting. The precise technical objectives will be tailored to the student's individual goals and needs.

Inpatient: 25%; Outpatient: 75%.

**DESCRIPTION:**

Much of the time will be spent with the senior faculty advisor and orthopedic surgery resident. The student will participate in pediatric orthopedic outpatient clinics, inpatient consults and operation, and orthopedic conferences. There will be a limited exposure to surgical techniques which can be expanded according to student interests. Night call will be taken with the orthopedic resident on a limited basis.

**EVALUATION:**

Preceptor(s) will be asked to submit a written evaluation at the conclusion of the clerkship based upon clinical performance, completion of assigned/recommended reading assignments, and active involvement on the clerkship. Faculty are encouraged to provide ongoing feedback throughout elective rotations.