

Elective Description

Campus: Southeast (Fargo)

Elective/Experience Title: Orthopedic Surgery – Sports Medicine

Location of Elective: Sanford Orthopedics & Sports Medicine – Fargo, ND

Department: Surgery

Course Number: SURG 9206

Preceptor(s): Bruce Piatt, MD
Steven Lantz, MD
Benjamin Noonan, MD

Howard T. Berglund, MD
Mark Lundeen, MD

Matthew Friederichs, MD
Matthew Nelsen, MD

Period(s) Offered: All periods

Number of students per period: 1 student

Purpose: To teach the skills of a physical therapist, occupational therapist, and athletic trainer in the recognition and evaluation of orthopedic sports injuries or acquired disabilities.

Objectives: Following successful completion of this elective, the student will be able to:

1. Demonstrate knowledge of musculoskeletal disorders and sports-related orthopedic injuries.
2. Perform a complete history and physical examination and make a diagnosis.
3. Collaborate with physical therapists, occupational therapists, and athletic trainers in the management, disposition, and prevention of orthopedic / sports injuries and acquired disabilities.

Instructional Activities: During this elective, the student will be involved in/experience:

1. Participation with preceptor in coverage of athletic events and sports medicine clinic activities.
2. Performance of various diagnostic techniques, modalities and exercises used in the treatment and prevention of orthopedic / sports injuries and acquired disabilities
3. Observation and participation in rehabilitation including sports specific physical therapy regimes and proprioceptive exercise physiology protocols.
4. Reading assignments on relevant topics.

Criteria for Grading: During and following this elective, the preceptor will:

1. Measure the student's level of skill in providing appropriate and accurate assessment of orthopedic / sports injuries or acquired disabilities.
2. Determine appropriateness of patient referral for therapeutic procedures to be provided by physical therapist, occupational therapist, and athletic trainer.
3. Question the student and discuss various topics from assigned reading.
4. Utilize the standardized UNDSMHS senior elective evaluation form.