

## Elective Description

**Campus:** Northwest (Minot)

**Elective Title:** Neurology

**Location of Elective:** Trinity Health Center East - Minot, ND

**Department:** Neurology

**Course Number:** NEUR 9405

**Preceptor(s):** Rosina Medel, MD & Bahram Nico, MD

**Period(s) offered:** All

**Number of students per period:** 1

**Course prerequisites:** Complete Clerkship

**Revised Curriculum Phase(s):** 2 & 3

**Purpose:** To provide education experience in the evaluation and care of patients with neurologic disorders primarily in the outpatient setting.

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

1. Display competency in taking a complete neurological history, performing a neurological examination, and developing a differential diagnosis involving common disorders affecting the nervous system.
2. Demonstrate knowledge of the roles of diagnostic procedures in the evaluation of neurological disorders, such as MRI, CT and EEG.
3. Formulate a logical approach for evaluating patients with neurological disorders and to develop an appropriate treatment plan for these patients.
4. Localize neurologic signs and symptoms in the nervous system.
5. Demonstrate knowledge in the management of patients with neurological disorders primarily in the outpatient setting.

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

1. Participating in, consulting and discussing clinical neurological cases under the direction of various preceptors at Trinity Hospital.
2. Performing complete histories and physical examinations with emphasis on the neurological aspects of the case under direct supervision of the preceptor.
3. Participating in rounds on a regular basis on the neurological service.

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

1. Evaluate by direct observation the ability of the student to obtain a satisfactory neurologic history and perform a satisfactory neurological examination.
2. Evaluate by direct observation, the ability of the student to present a patient, discuss the differential diagnosis and propose an evaluation and treatment plan.
3. Evaluate by direct observation the competency of the student in ordering appropriate diagnostic studies in the evaluation of neurological disorders.
4. Evaluate by direct observation the ability of the student to correlate neurological signs and symptoms to the neuroanatomical and neuropathological process causing the abnormalities.
5. Evaluate by direct observation the student's familiarity with current, pertinent literature and textbook descriptions of common neurological disorders and more unusual disorders when encountered.
6. Evaluate by direct observation the student's level of participation and growth of knowledge in the neurology rotation.
7. Utilize the standardized UNDSMHS senior elective evaluation form.