

## **Elective Description**

**Campus:** Northwest (Minot)

**Elective/Experience Title:** Cardiology

**Location of Elective:** Trinity Health (TH-W)

**Department:** Internal Medicine

**Course Number:** IMED 9407

**Preceptor(s):** Valentine Chikwendu, MD & Samir Turk, MD

**Period(s) Offered:** all

**Number of students per period:** 1

**Course prerequisites:**

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

**Purpose:** To provide education and experience in the care of patients requiring the attention of a cardiologist.

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

1. Describe the introductory concepts of cardiology data-gathering, data interpretation, and special study assessment.
2. Interpret EKGs at a level appropriate for a fourth year medical student.
3. Describe the indications for and interpret the results of specialized procedures of cardiology.
4. Discuss the natural history of cardiovascular disease processes and the effect and timing of intervention.

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

1. Daily cardiology rounds.
2. Consultation on in-house patients.
3. The interpretation of a number of assigned electrocardiograms.
4. The review of articles on pertinent topics assigned to the student.
5. The oral presentation of patients assessed during the rotation to the preceptor.
6. The participation in specialized cardiology studies as deemed appropriate by the preceptor.

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

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate by oral examination the students attainment of skills and concepts listed under the objectives.
3. Evaluate by direct observation the student's ability to present clinical information and to describe an outline of therapy.
4. Evaluate by direct observation the student's ability to perform a history and physical.
5. Evaluate by direct observation the student's ability to describe the indications for and the ability to interpret selected cardiology procedures.
6. Evaluate the student's written communications including histories and physicals, progress notes, and consultations.
7. Evaluate the student's ability to present and discuss information from the assigned readings.
8. Evaluate by direct observation the student's ability to interpret EKGs, chest x-rays, and other ancillary
9. Laboratory/special tests appropriate for cardiology.
10. Evaluate the student's communication skills utilizing the "360" format.