Elective Description

Campus: Southwest (Bismarck) **Department:** Internal Medicine

Elective/Experience Title: Nephrology **Course Number:** IMED 9113

Location of Elective: Sanford Health – Bismarck, ND

Preceptor(s): Mike Lebeau, MD; Muhammad Saleem, MD; Radu Raducu, MD

Period(s) Offered: all **Course prerequisites:**

Number of students per period: 1 **Revised Curriculum Phase(s):** 2 & 3

Purpose: To provide education and experience in the care of patients requiring nephrology services.

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

1. Discuss the principles involved in diagnosis/management of various common nephrology disorders.

2. Describe the basic physiology and pathophysiology of the kidneys.

3. Evaluate and manage common nephrology problems including hypertension.

4. Evaluate and manage patients with acute kidney injury and chronic kidney disease including basic fluid and electrolyte problems.

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

1. Twice a day patient rounds.

2. Weekly review of selected articles from the literature in nephrology.

3. Discussion of nephrology topics mainly derived from patient cases on the nephrology service.

4. Nephrology consultations as selected by the preceptor.

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

1. Utilize the standardized UNDSMHS senior elective evaluation form.

2. Directly observe and evaluate the student's ability to orally present patient' cases.

3. Directly observe and evaluate the student's ability to perform an appropriate history, physical examination, differential diagnosis, and therapeutic plan on selected patients.

4. Evaluate the student's ability to perform a literature search on selected topics.

5. Evaluate the student's written communications including histories and physicals, progress notes, and consultative notes.

6. Directly observe and evaluate the student's ability to communicate in a "360" fashion.