

Elective Description

Campus: Southwest (Bismarck)

Elective/Experience Title: Clinical Nephrology

Location of Elective: The Clinics of CHI St. Alexius Health – Bismarck, ND

Department: Internal Medicine

Course Number: IMED 9109

Preceptor(s): Sunanda Jain, MD

Period(s) Offered: all

Number of students per period: 1

Course prerequisites:

Revised Curriculum Phase(s): 2 & 3

Purpose: To increase the student's clinical skills and knowledge in clinical nephrology.

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

1. Evaluate and manage hypertension
2. Describe basic fluid, electrolyte and acid/base metabolism
3. Evaluate and manage acute renal failure
4. Describe the evaluation and management of chronic renal failure including dialysis and transplantation

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

1. Work-up/evaluation of hospitalized patients
2. Evaluation of selected clinic patients
3. Interpretation of fluid/electrolyte and acid/base disorders from case studies
4. Daily hospital and consultation rounds
5. Review of assigned readings plus core readings in a basic nephrology text

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

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Review consultative dictations and daily progress notes for completeness, timeliness, and demonstration of student knowledge of pathophysiologic processes in renal disease.
3. Assess the student's knowledge of clinical nephrology from discussions of informal case studies and discussion of the basic concepts of acid/base and fluid/electrolyte metabolism.
4. Review the student's performance of assigned readings.
5. Directly observed the student's ability to appropriately communicate in a "360" fashion.
6. Following student completion of the elective, the preceptor will complete the senior student elective evaluation form and submit it to the campus office (note: to be given credit for this elective the student must perform at a satisfactory or higher level in discussions and case presentations; an honors designation requires "outstanding" performance as judged by the preceptors in all areas including the use of recent reference literature for patient care and consultation notes)