

Elective Description

Campus: Southwest (Bismarck)

Elective/Experience Title: Gastroenterology

Location of Elective: Mid Dakota Clinic

Department: Internal Medicine

Course Number: IMED 9105-02

Preceptor(s): Mustafa Kathawala, MD and Kevin Karls, MD

Period(s) Offered: All

Number of students per period: 1

Course Prerequisites: none

Revised Curriculum Phase(s): 2 and 3

Purpose: To provide education and experience in the care of gastroenterology patients.

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

1. Perform histories and physical examinations for gastroenterology patients. *(Year 4-01)*
2. Interpret laboratory and histological findings of gastroenterology patients. *(Year 4-04)*
3. Interpret gastrointestinal images. *(Year 4-04)*
4. Develop an accurate differential diagnosis for gastroenterology patients. *(Year 4-03)*
5. Develop an appropriate therapeutic plan for patients with various gastroenterological disorders. *(Year 4-16)*
6. Document accurately the history, physical exam, differential and proposed plan for gastroenterology patients. *(Year 4-02)*
7. Assist in gastroenterological procedures with appropriate preceptor supervision.
8. Communicate effectively and in a professional manner with members of the healthcare team regarding patient care including accurate oral case presentations. *(Year 4-01, 4-07, 4-14)*
9. Orally present to the preceptor information on gastroenterology topics using preceptor selected reading materials. *(Year 4-13)*

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

1. Evaluation of selected gastroenterology patients.
2. Discussions with the preceptor of diseases of the gastrointestinal tract including: the gallbladder, liver, pancreas, and the small and large bowel.
3. Observation and participation in gastrointestinal endoscopic procedures (to include colonoscopy, EGD, ERCP, capsule endoscopy), with a discussion of indications, techniques, and specific findings.
4. Case presentation and discussion of problems currently on the gastroenterology service.

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

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate by direct observation the student's ability to perform histories, physical examinations, and selected procedures on gastroenterology patients. *(Objective 1, 7)*
3. Evaluate by direct observation or review of written work the student's ability to interpret laboratory results, and histological and radiological studies for gastroenterology patients *(Objective 2, 3)*

4. Evaluate by direct observation the student's ability to communicate in a complete and professional fashion. *(Objective 8)*
5. Evaluate the student's written notes including clinic notes, histories and physicals, and consultation notes. *(Objective 6)*
6. Evaluate the student's oral presentations and ability to appropriately summarize, develop differential diagnoses, and therapeutic plans for selected gastroenterology patients. *(Objective 8, 4, 5)*
7. Evaluate by direct observation, the student's knowledge of preceptor selected reading materials on gastroenterology patients. *(Objective 9)*