

Elective Description

Campus: All Campuses (Fargo)

Elective/Experience Title: Pediatric Hematology/Oncology

Location of Elective: Essentia Hospital-Fargo

Department: Pediatrics

Course Number: PED 9512-02

Preceptor(s): Nathan Kobrinsky, MD

Period(s) Offered: All

Number of students per period: 1 per period

Course Prerequisites: None

Revised Curriculum Phase(s): 2 & 3

Purpose: To gain clinical experience in pediatric hematology and oncology

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

1. Take an appropriate history of the pediatric patient with a hematology and/or oncology disorder (Year4-01, EPA 1).
2. Perform an appropriate physical examination of the pediatric patient with a hematology and/or oncology disorder (Year 4-01, EPA 1)
3. Give an efficient and accurate presentation of pediatric hematology/oncology cases (Year4-01, EPA6).
4. Formulate diagnostic evaluation plans for pediatric patients with hematology and/or oncology disorders including pancytopenia, bleeding disorders, anemia and immunodeficiency (Year4-04, EPA 3).
5. Develop management plans for pediatric patients with hematology and/or oncology disorders including pancytopenia, bleeding disorders, anemia and immunodeficiency (Year 4-16).
6. Demonstrate recognition and understanding of the management of the emotional needs of the child and family who are experiencing serious and terminal disorders (Year 4-06).
7. Complete all requirements in a timely and professional manner (Year 4-14).

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

1. The work-up and follow-up of patients admitted to the pediatric hematology/oncology service, as well as those seen in consultation.
2. The work-up and follow-up of ambulatory pediatric hematology/oncology patients.
3. Daily morning and afternoon hospital rounds with the pediatric hematologist/oncologist.
4. Various diagnostic and therapeutic procedures, at the discretion of, and under the direct supervision of the pediatric hematologist/oncologist.
5. Presentation of pediatric hematology/oncology patients for conference or Pediatric Grand Rounds.
6. "On-call" with the pediatric hematologist/oncologist.
7. Discussions with the preceptor of assigned readings.

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 competency in the evaluation and presentation of pediatric hematology and oncology cases (objective #1, 2, 3).
3. Evaluate by direct observation the student's competency in planning for evaluation and treatment of a cancer patient with pancytopenia (objective #4, 5).
4. Evaluate by direct observation the student's competency in planning for evaluation and treatment for children with a bleeding disorders, anemias and immunodeficiencies (objective #4, 5).
5. Evaluate by direct observation the student's understanding and recognition of the emotional needs of families and children when facing life-threatening illness (objective #6)
6. By direct observation and team feedback, evaluate timeliness and professional behavior. (objective #7)