Elective Description

Campus: Southwest  Department: Pediatrics
Elective Title: Pediatric Neurology  Course Number: PED 9104

Location of Elective: Neurology Clinic – The Clinics of CHI St. Alexius Health

Preceptor(s): Siriwan Kriengkrairut, M.D., F.A.A.P., F.A.A.S.M.

Period(s) offered: All  Course prerequisites: Pediatrics Clerkship
Number of students per period: 1  Revied Curriculum Phase(s): 2 & 3

Purpose: To provide education and experience in the care of children requiring the services of a pediatric neurologist.

Objectives: Following successful completion of this elective, the student will be able to:
1. Demonstrate the ability to obtain a complete neurology history, perform a neurology examination and provide differential diagnoses of common disorders affecting the nervous system in children.
2. Demonstrate the knowledge of the diagnostic evaluation of children with common neurology problems and the formulation of proper treatment plans.
3. Demonstrate basic skills and knowledge in developmental pediatrics.
4. Correlate neurological signs and symptoms with neuroanatomical disorders.
5. Explain method and purpose of the following electrodiagnostic studies: EEG, ABR, VEP, PSG.

Instructional Activities: During this elective, the student will be involved in/experience:
1. The clinical evaluation of both inpatients and outpatients under the direction of the pediatric neurologist.
2. The direct care of inpatients under the supervision of the pediatric neurologist.
3. Discussions with the preceptor of assigned readings in recent and classical pediatric neurology literature.
4. Brief assigned topic presentations to the preceptor.
5. Assigned educational conferences.
6. Sleep medicine patient evaluations (optional).

Criteria for Grading: During and following this elective, the preceptor will:
1. Evaluate by direct observation timeliness and professionalism.
2. Evaluate the quality of the performance of assigned tasks and presentations.
3. Evaluate by direct observation the student’s ability to obtain pertinent history, complete competent neurology exam and formulate a reasonable differential diagnoses and management plan for children with neurological disorders.
4. Utilize the standardized UNDSMHS senior elective evaluation.