PEDS-739: SLEEP MEDICINE

Elective Director:	Hari Bandla, M.D. (hbandla@chsomaha.org)
Participating Faculty:	Brett Kuhn, Ph.D. Mark Wilson, M.D. Ivan Pavkovic, M.D.
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Location:	Sleep Medicine Clinic, Children's Hospital
Offered:	Monthly
Max. # Students/Period:	1

Course Objective

Material Covered:

Clinical skills and basic science knowledge in sleep medicine will cover basic neuroanatomy and physiology principles to understand the clinical expression of various sleep disorders.

Skills Acquired:

At the conclusion of the elective, students would be able to: 1) Describe sleep as an independent physiological system with significant interrelationships between other organ systems; 2) Identify sleep stages and abnormal events of polysomnographic studies both in children and adults; 3) Elicit history relevant to sleep disorders in children and adults; and 4) Diagnose, manage and appreciate differences in the manifestations of five common sleep disorders in different age groups (e.g., obstructive sleep apnea, narcolepsy, parasomnias, restless leg syndrome, and delayed sleep phase syndrome).

Activities of Elective

Number of New Patients/Student/Week: 15

Responsibilities of Student for Period:

Does history/physical:	Yes
Who critiques:	Dr.Bandla
Follows patients, with notes as needed:	yes
Who supervises:	Dr.Bandla
Does student see ambulatory patients:	Yes

Procedures	Observe	Perform
Polysomnograms	10	

Scheduled Activities of Student:

Rounds (Clinic)	12 hrs/wk	Research Project	0 hrs/wk
Didactic Conferences	10 hrs/wk	Independent Patient Care	0 hrs/wk
Independent Learning	18 hrs/wk		

Describe Optional Rounds and Activities (if any):

Other Required Activities:

Reading/review of current literature:	Yes
Structured oral examination and MCQ	Yes
Presenting a case report	Yes

Evaluation:

How the student is evaluated:	Based on clinical performance
Who evaluates the student:	Attending

Unique Features of this Elective:

Traditional lectures and case vignettes highlighting the five common sleep disorders will be combined with self-study materials adapted from commercially available videotapes and CD-ROM based materials will provide a structured core curriculum in sleep medicine. Students will participate in two sleep medicine clinics per week, both pediatrics and adult. Assessments will be based on: 1) Clinical experience log: All students are required to maintain a clinical experience log from their time spent in the pediatric and adult sleep medicine clinics, highlighting their experiences specific to the five common sleep disorder categories; 2) History and physical examination write ups. Drawing from the clinical experience log, students are required to submit two history and physical examination write ups; 3) Observations of clinical performance; 4) 30 item multiple-choice examination: This MCQ examination include items that includes core competencies of sleep medicine – sleep physiology and chronobiology, sleep disordered breathing, excessive day time sleepiness, parasomnias and restless leg syndrome; and 5) Performance in structured sleep disorder specific OSCE.