

Course:	<u>Pediatric Endocrinology</u>	<u>Ped 1208</u>
Department:		Pediatrics
Course:		Pediatric Endocrinology (12-08)
Faculty Coordinator:		Bryan Dickson, M.D.
Hospital:		Children's Medical Center
Periods Offered:		All
Length:		4 weeks
Max no. of students		1 (may be able to take 2 in spec circ)
First Day Contact:		Bryan Dickson, MD 214-456-5952
First Day Time:		9:00 am
First Day Place:		Intake Conference at CMC Drs. Dining Room
Prerequisites:		3 rd year Pediatric Clerkship

I. Course Objectives:

Have the student become familiar with the diagnosis and treatment of diabetes and the endocrine disorders in children. To understand the methods of diagnosis and treatment of 1) Diabetes, 2) children with short stature, 3) thyroid, adrenal, pituitary disorder in children, 4) disorders of sexual maturation and sexual differentiation.

II. Course Goals and Objectives: (based on ACGME competencies for resident education and modified for medical student education)

Patient Care

Students must demonstrate the ability to manage patients under supervision at the level to prepare them for internship. Students must demonstrate compassionate, appropriate and effective patient care in health problems and promotion of continuity of care.

Objectives: Students are expected to

- Follow their own patients and be responsible for these patients at a level commensurate with their training.
- Collect, assemble and interpret relevant history and physical findings.
- Create and maintain complete and accurate medical records.
- Order and evaluate diagnostic studies under supervision.
- Manage the patient's problem in the hospital, including writing orders under supervision.
- Communicate with the other health care professionals and referring physicians.

Medical Knowledge

Students must become familiar with the major pediatric endocrine diagnoses requiring inpatient care and outpatient evaluation and treatment, which promote the development of clinical problem-solving skills.

Objectives: Students are expected to

- Demonstrate knowledge that would allow for independent assessment and appropriate problem solving skills both inpatient and outpatient pediatric endocrine patients.
- Demonstrate knowledge in the management of inpatients and outpatients with common endocrine diseases. *For Example: Diabetes (Type 1 and 2), Hypothyroidism, Hyperthyroidism, Precocious Puberty, Pediatric Brain Tumors with endocrine manifestations, and Short stature.*

Practice-Base Learning and Improvement

Students must be able to assimilate scientific evidence to improve their patient care practices.

Objectives: Students are expected to

- Demonstrate proper evidence based decisions.
- Demonstrate appropriate use of educational resources for self-education, including medical literature and on-line medical information.

Interpersonal and Communication Skills

Students must be able to demonstrate interpersonal and communication skills that result in effective information exchange with health care professionals and families.

Objectives: Students are expected to

- Give case presentations in a clear, concise, organized and relevant manner.
- Communicate appropriate information to the family (and patient) concerning management and clinical course.
- Be an integral member of the medical care team and exchange information effectively with other health care professionals.

Professionalism

Students must demonstrate attitudes and professional behavior appropriate for clinical practice, which encompass professional responsibilities, adherence to ethical principles and sensitivity to diverse patient populations.

Objectives: Students are expected to demonstrate

- Accurate representation of data
- Ethically sound decisions
- Professional appearance
- Attendance at rounds and conferences on time
- Respect for patients' confidentiality
- Mature behavior
- Sensitivity to culture, genders and disabilities

III. **Method of Instruction:**

A) **Didactic** (schedule, topic, faculty)

Teaching will be primarily through clinical experience. The student will attend 4 clinics each week. The student will also make rounds in the morning with the Attending Pediatric Endocrinologist and with the Pediatric House Staff who take the Pediatric Endocrine Elective.

B) **Clinical** (schedule, faculty teaching, housestaff teaching)

C) **Student Responsibilities** (and to whom accountable)

Student will see patients in Diabetes and Endocrine Clinics. Each patient will be reviewed by the attending physician. The student will also see patients on rounds. The student will present the patient to the Attending and each work-up will be evaluated and approved by the attending physician. The student may be asked to make a short presentation on an endocrine topic of his/her choice at the end of the elective. Students will also be expected to attend conferences scheduled during the rotation

IV. **Method of Evaluation of Students:**

Students will be evaluated on the achievement of the objectives of the course. The attending physician will evaluate the student's performance and submit both a grade and a written evaluation. Similarly, evaluation of the elective by the student will include achievement of the stated objectives of the course.