

|                                     |   |                          |
|-------------------------------------|---|--------------------------|
| <b>Faculty In Charge Of Course:</b> | Michael Yafi, M.D. 713/500-5646   | Michael.Yafi@uth.tmc.edu |
| <b>Participating Faculty:</b>       | Michael Yafi, M.D.  |                          |
| <b>Location:</b>                    | Memorial Hermann Children's Hospital, Shriners Hospital, LBJ General Hospital, and UT Professional Building |                          |
| <b>Offered:</b>                     | Each period   |                          |
| <b>Max. # Students/Period:</b>      | 2   |                          |

Students participating in this elective in July and/or August may be able to participate in the Diabetes Camp. To participate, the student must make a specific direct request to Dr. Brosnan 3 months in advance. Discuss specifics and dates with Dr. Brosnan.

**Course Objective**

**Material Covered:**

Pathophysiology of growth disorders, diabetes mellitus, adrenal, gonadal and thyroid disorders, and rickets.

**Skills Acquired:**

Strengthen skills in diagnostic evaluation and management of children with chronic problems. Exposure to the spectrum of pediatric endocrine disorders allows a systematic review of endocrine physiology as it relates to development and maturation, thyroid disease, and adrenal disorders. The pediatric endocrine patients encompass the entire pediatric age range from birth until the completion of pubertal development. There is considerable integration with general pediatrics and other pediatric subspecialties.

**Activities Of Elective**

**Number Of New Patients/Student/Week:** 10-15

**Responsibilities Of Student For Assigned Patients:**

|   |             |
|---|-------------|
| Does history/physical:                              | Yes         |
| Who critiques:                                      | Dr. Brosnan |
| Follows patients, with appropriate notes as needed: | Yes         |
| Who supervises:                                     | Dr/ Brosnan |
| Does student see ambulatory patients:               | Yes         |

| Procedures                | Observe | Perform              |
|---------------------------|---------|----------------------|
| Pituitary testing         |         | X (with supervision) |
| Glucose tolerance testing | X       |                      |

**Scheduled Duties of Student:**

|  |                        |
|--|------------------------|
| Frequency of rounds on patients:                       | Daily                  |
| Presents patients to preceptor or attending physician: | Yes                    |
| Weekly schedule of required teaching sessions:         | 2 conferences per week |

**Describe Optional Rounds And Activities, If Any:**

UT/Baylor endocrine rounds; research activities

**Other Required Activities:**

|                                       |   |
|---------------------------------------|---|
| Reading/review of current literature: | Yes   |
| Writing or Presenting a paper:        | Presenting a case and/or update on an endocrine or diabetes problem |

**How Is Student Evaluated:**

Observation of daily performance

**Who Evaluates Students:**

Dr. Brosnan

**Unique Features Of This Elective:**

Directed literature review is combined with patient appointments to provide systematic study of pediatric patients with 1) growth disorders, hypopituitarism and sexual precocity, 2) insulin-dependent diabetes mellitus, 3) adrenal and gonadal disorders, and 4) thyroid disorders and rickets in the respective weeks of the elective.