

## ENDOCRINOLOGY SELECTIVE

The Endocrinology Selective is available to all level residents for 2 or 4 week time commitments. During the rotation residents are expected to attend and be active participants in all required clinics (4 per week), and to maintain their continuity clinic. There is no in house night call or weekend responsibilities.

When instructed, residents are required to complete consultations on hospitalized patients thoroughly so that they are prepared to present and discuss the patients on rounds with the attending within 24 hours or sooner in the case of emergencies.

Residents are required to follow and round daily with the attending on all inpatients and consultations, to document these evaluations and to communicate recommendations to the inpatient team.

In addition, residents are encouraged to attend the following conferences:

Peds Endo Conference (C-539), Mon 3:00 PM  
Endo Seminar (M-170), Mon 5:00 PM  
Fellow Lecture (M-170), Tues 3:00PM  
"Endorama" (M-170), Thurs 4:00 PM  
Diabetes Conference (LaRabida Library), Fri 8:30 AM

At the end of the rotation each resident is required to prepare a formal 30 minute discussion of a pediatric endocrine problem in a case based format.

### Goals, Objectives and Resident Responsibilities of the Endocrinology Selective:

**Patient Care:** Residents are expected to provide patient care that is compassionate, appropriate and effective for the promotion of health, prevention of illness, treatment of disease. To that end, he/she will

- Gather accurate, essential information from all sources, including medical interviews, physical examinations, medical records and diagnostic/therapeutic procedures
- Make informed recommendations about preventive, diagnostic and therapeutic options and interventions that are based on clinical judgment, scientific evidence, and patient preference
- Develop, negotiate and implement effective patient management plans and integration of patient care

**Medical Knowledge:** Residents are expected to demonstrate knowledge of established and evolving biomedical, clinical and social sciences, and the application of their knowledge to patient care and apply an open-minded, analytical approach to acquiring new knowledge. The resident will access and critically evaluate current medical information and scientific evidence and apply this knowledge to clinical problem-solving, clinical decision-making, and critical thinking.

Specifically, the resident will

- Be exposed to children with endocrinologic diseases
- Learn about diagnosis and management of common endocrinology problems in children

- Learn about the elements of clinical research protocols
- Pursue directed readings centered around Board review type questions
- Focus on the outpatient management of diabetes mellitus including sick day management of diabetes
- Become familiar with the following topics during their time on the Selective through experience, didactic sessions or reading:

Ambiguous genitalia  
 Calcium metabolism and disorders  
 Congenital adrenal hyperplasia  
 Delayed puberty  
 Diabetes insipidus, SIADH and thirst disorders  
 Diabetes mellitus (Type 1 and Type 2)  
 Growth disorders  
 Hypoglycemia  
 Menstrual disorders  
 Normal pubertal development  
 Premature puberty  
 Thyroid disorders  
 Undescended testes

**Practice-Based Learning and Improvement:** Residents are expected to be able to use scientific evidence and methods to investigate, evaluate, and improve patient care practices, and

- Identify areas for improvement and implement strategies to enhance knowledge, skills, attitudes and processes of care
- Analyze and evaluate practice experiences and implement strategies to continually improve the quality of patient practice
- Develop and maintain a willingness to learn from errors and use errors to improve the system or processes of care
- Use information technology or other available methodologies to access and manage information, support patient care decisions and enhance both patient and physician education
- Learn the appropriate use of laboratory tests and diagnostic procedures in the evaluation and management of short stature, abnormal pubertal development, and other common endocrine problems (see Specific Topics).

**Interpersonal and Communication Skills:** Residents are expected to demonstrate interpersonal and communication skills that enable them to establish and maintain professional relationships with patients, families, and other members of health care teams, and

- Learn to provide effective and professional consultation to other physicians and health care professionals and sustain therapeutic and ethically sound professional relationships with patients, their families, and colleagues
- Use effective listening, nonverbal, questioning, and narrative skills to communicate with patients and families
- Interact with referring physicians in a respectful, appropriate manner
- Maintain comprehensive, timely, and legible medical records

- Complete evaluations of the attending, staff and rotation
- Learn to give medical guidance including discussions of health promotion and disease

**Professionalism:** Residents are expected to demonstrate behaviors that reflect a commitment to continuous professional development, ethical practice, an understanding and sensitivity to diversity and a responsible attitude toward their patients, their profession and society, and

- Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues
- Demonstrate sensitivity and responsiveness to the gender, age, culture, religion, sexual preference, socioeconomic status, beliefs, behaviors and disabilities of patients and professional colleagues
- Adhere to principles of confidentiality, scientific/academic integrity, and informed consent

**Systems-Based Practice:** Residents are expected to demonstrate both an understanding of the contexts and systems in which health care is provided, and the ability to apply this knowledge to improve and optimize health care, and

- Understand, access and utilize the resources, providers and systems necessary to provide optimal care
- Understand the limitations and opportunities inherent in various practice types and delivery systems, and develop strategies to optimize care for the individual patient
- Apply evidence-based, cost-conscious strategies to prevention, diagnosis and disease management
- Collaborate with other members of the health care team to assist patients in dealing effectively with complex systems and to improve systematic processes of care