

NEPHROLOGY SELECTIVE

The nephrology selective is available to all level residents in either a 2 or 4 week block rotation. There are no night calls or weekend duties.

Residents are required to attend and be active participants in most clinics.

When instructed, residents are required to complete consultations on hospitalized patients thoroughly so that they are prepared to present and discuss the patients with the attending physician.

In addition, the resident will continue to participate in his/her continuity clinic.

Goals, Objectives and Resident Responsibilities of the Nephrology 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 and at the end of life, and

- 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. Residents will apply an open-minded, analytical approach to acquiring new knowledge, access and critically evaluate current medical information and scientific evidence and apply this knowledge to clinical problem-solving, clinical decision-making, and critical thinking. During this rotation the resident will

- Develop general knowledge of renal disease in children
- Learn the outpatient management of renal problems that would present to a pediatrician in general practice (e.g. hypertension, hematuria, proteinuria, nephrotic syndrome, glomerulonephritis and urinary tract infections)
- Learn the more esoteric aspects of nephrology such as the management of end stage renal disease, renal transplantation, acute renal failure or complex fluid and electrolyte disorders
- Accomplish goals by means of didactic sessions, participation in the outpatient clinics, independent reading and, when applicable, participation in the care of selected inpatients
- Be prepared to discuss the following topics:

- Glomerulonephritis
- Hematuria
- Hypertension
- Nephrotic Syndrome
- Proteinuria

Urinary tract infections

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

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

- 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

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
- Understand the economic impact of the care of patients with chronic renal failure/dialysis dependency on the family and society