Preceptor/Rotation Description

Name/E-mail: Katherine Nixon, Pharm D
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Education: University of Florida

Area(s) of Interest: Pharmacodynamics of Critically Ill Pediatric Patients, General Pediatrics, Pharmacokinetics, Pain Management, Infectious Disease, Transplantation, Hematology/Oncology, Nutrition

Rotation (Unit): Pediatric Intensive Care Unit (PICU)

Rotation Description:

The pediatric critical care rotation is designed to provide the knowledge, skills, and clinical experience needed to care for critically ill pediatric patients with medical, cardiac, and surgical conditions. The Pediatric Intensive Care Unit (PICU) is serviced by two rounding teams: Pediatric Intensive Care (PIC) and Pediatric Cardiac Intensive Care (PCIC). Each team consists of attending physicians, fellows, medical residents, medical students, nurse practitioners, nurses, respiratory therapists, social workers and a clinical pharmacist. The resident will serve as an integral member of the multidisciplinary team caring for the patients in the PICU. He/she will participate in daily work rounds, present lectures and participate in topic discussions.

During this rotation the resident will be exposed to direct patient care for a variety of critical illness and disease states seen within the pediatric population. Such conditions may include: infectious diseases (sepsis/septic shock), hematological diseases, transplantations, congenital heart diseases/repairs, respiratory distress syndromes, renal failure, traumas, burns and neurological diseases/injuries. The resident, under the direct supervision of the preceptor, will be responsible for reviewing patient profiles, evaluating drug therapy regimens, developing treatment plans, providing drug information, helping to prevent/solve medication therapy issues, monitoring drug levels and providing pharmacokinetic consults.

This pediatric critical care rotation will allow the resident to build a basic foundation of knowledge and clinical skills for the management of critically ill pediatric patients. The rotation will assist the resident in developing decision making, communication and teaching skills. The skills and knowledge acquired from this rotation will assist the resident in transitioning to other rotations in their course of training.