

2025-2026 Catalog

Pediatric Nephrology - Jacksonville

PED E 7J | 4th Year Elective | Pediatrics | Clinical Science | Jacksonville

MDT 7400 | Peds Nephrol Jax

Prerequisites

Fourth-year medical student

Course Description

The Division of Pediatric Nephrology in Jacksonville cares for a large number of patients with acute and chronic diseases that involve the kidney. The Division covers inpatient consultation in the general pediatric floor as well as in the nursery and pediatric intensive care units. We also care for patients with end stage kidney disease on dialysis or post kidney transplant. We have a large outpatient clinic caring for variety of renal disorders.

By the end of this course, the students will become familiar with common renal diseases including pediatric hypertension, hematuria, proteinuria, nephrotic Syndrome, Glomerulonephritis, fluids and electrolytes, renal replacement therapy, etcetera.

Course Faculty and Staff

- [Mohammad Ilyas MD](#) (Director)
- [Dani Brown](#) (Course Staff)
- [Jennifer R. Hamilton BA](#) (Course Staff)
- [Ashley Volz](#) (Course Staff)
- [Frank J Genuardi MD, MPH](#) (Other Faculty)
- [Orlyn Claire Y Lavilla MD](#) (Other Faculty)

Meeting Place and Time

Pediatric Multispecialty Clinic, 841 Prudential Dr, 19th floor, One Call Building, Jacksonville
8:00 a.m. to 4:00 P.M.

Student will receive a welcome email with reporting instructions 1 week prior to course start from Ashley.Volz@jax.ufl.edu.

Course Materials

Selected pediatric nephrology articles to be provided.

Additional Information

Additional Course Faculty and Staff:
- Asad Tolaymat, MD (Course Faculty)
- Aleena Blake, ARNP (Course Staff)

Grading scale: Satisfactory/Unsatisfactory

Classes Offered

Period	Length	Credits	(Avail / Max) Slots
Period 1	4 Weeks (May 12 - Jun 8)	4	(2 / 2)
Period 2	4 Weeks (Jun 9 - Jul 6)	4	(2 / 2)
Period 3	4 Weeks (Jul 7 - Aug 3)	4	(2 / 2)
Period 4	4 Weeks (Aug 4 - Aug 31)	4	(2 / 2)
Period 5	4 Weeks (Sep 1 - Sep 28)	4	(2 / 2)
Period 6	4 Weeks (Sep 29 - Oct 26)	4	(2 / 2)
Period 7	4 Weeks (Oct 27 - Nov 23)	4	(2 / 2)
Period 8	4 Weeks (Nov 24 - Dec 21)	4	(2 / 2)
Period 9	4 Weeks (Jan 5 - Feb 1)	4	(2 / 2)
Period 10	4 Weeks (Feb 2 - Mar 1)	4	(2 / 2)
Period 11	4 Weeks (Mar 2 - Mar 29)	4	(2 / 2)
Period 12	4 Weeks (Mar 30 - Apr 26)	4	(2 / 2)
Period 13	4 Weeks (Apr 27 - May 24)	4	(2 / 2)

Evaluated Competencies

#1 Professionalism

Educational Objectives: Student will demonstrate professional behavior in interactions with patients, families and health care staff.

Method of Evaluation: Preceptor observation.

#2 Patient Care

Educational Objectives: Student will develop competence in obtaining an appropriate history and physical examination in patients with pediatric nephrology problems.

Method of Evaluation: Preceptor observation.

#3 Medical Knowledge

Educational Objectives: The student should develop an expanded knowledge of common topics in pediatric nephrology; including but not limited to urinary tract infection and; nephrotic

syndrome.

Method of Evaluation: Preceptor observation.

#4 Practice-Based Learning

Educational Objectives: The medical student will be able to evaluate this information as to its importance, scientific accuracy, and how it might change the evaluation and treatment of a patient.

Method of Evaluation: The faculty and fellows will observe the resourcefulness of the medical student in finding information. They will also observe and rate the student's ability to evaluate the articles read and to apply that information to the patient problem.

#5 Interpersonal and Communication Skills

Educational Objectives: The medical student will be able to communicate ideas to patients, families, physicians, nurses and other health care professionals in an effective manner. The medical student will have the opportunity to observe the faculty and fellows in such interactions.

Method of Evaluation: The faculty and fellows will evaluate the medical student as to their ability to communicate. Nurses, other health care professionals, patients and families will have the chance to evaluate the students.

#6 Systems-Based Practice

Educational Objectives: The medical student will learn to be a member of the health care team by observing the faculty and fellows interact with other health care professionals and by performing these functions themselves. The medical students will learn practical information regarding medical insurance and governmental funding agency policies on patient evaluation and medications. Generic substitutions will be discussed by the faculty and fellow when appropriate.

Method of Evaluation: The faculty, fellows, nurses and other health care professionals will assess the medical student's ability to participate on a team. The faculty and fellows will assess the student's ability to understand the basics of the health care system.