2023-2024 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 pediat floor as well as in the nursery and pediatric intensive care units. We also care for patients with end stag kidney disease on dialysis or post kidney transplant. We have a large outpatient clinic caring for variety renal disorders.
By the end of this course, the students will become familiar with common renal diseases including pedia 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)

Meeting Place and Time
Pediatric Multispecialty Clinic, 841 Prudential Drive, 19th floor, One Call Building, Jacksonville 8:00 a.m. to 4:00 P.M.

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)

Classes Offered

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<th>Period</th>
<th>Length</th>
<th>Credits</th>
<th>(Avail / Max) Slots</th>
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| Period 1 | 4 Weeks  
(May 8 - Jun 4) | 4 | (2 / 2) |
| Period 2 | 4 Weeks  
(Jun 5 - Jul 2) | 4 | (2 / 2) |
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<th>Period</th>
<th>Length</th>
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<td>Period 3</td>
<td>4 Weeks (Jul 3 - Jul 30)</td>
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<td>Period 4</td>
<td>4 Weeks (Jul 31 - Aug 27)</td>
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<td>Period 5</td>
<td>4 Weeks (Aug 28 - Sep 24)</td>
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<td>Period 6</td>
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<td>Period 8</td>
<td>4 Weeks (Nov 20 - Dec 17)</td>
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<td>4 Weeks (Jan 1 - Jan 28)</td>
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<td>Period 11</td>
<td>4 Weeks (Feb 26 - Mar 24)</td>
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<td>Period 12</td>
<td>4 Weeks (Mar 25 - Apr 21)</td>
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<td>(2 / 2)</td>
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<td>Period 13</td>
<td>4 Weeks (Apr 22 - May 19)</td>
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**Evaluated Competencies**

**#1 Professionalism**

*Educational Objectives:* Student will demonstrate professional behavior in interactions with patient 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 regarding the patient problem.

**#5 Interpersonal and Communication Skills**

**Educational Objectives:** The medical student will be able to communicate ideas to patients, family 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 their functions themselves. The medical students will learn practical information regarding medical insurance and governmental funding agency policies on patient evaluation and medications. Generic substitution 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.