# Pediatric Nephrology (PEDS9411)

<table>
<thead>
<tr>
<th>Course Director</th>
<th>Guillermo Hidalgo, MD</th>
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<tr>
<td>Location</td>
<td>ECU Physicians and Pediatric Specialty Clinic, 2150 Herbert Ct, Greenville, NC 27834</td>
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<td>Duration</td>
<td>4 weeks (2 weeks with permission after Optimization)</td>
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## Course Goal(s)
To increase student’s knowledge of nephrology problems in children and gain awareness of the role of the pediatric nephrologist in relationship to primary care specialist. This elective should provide an appreciation of the work-up of pediatric patients presenting with hematuria, proteinuria, glomerular diseases, hypertension, recurrent urinary tract infections, nephrolithiasis or other pediatric nephrology problems. The clinical manifestations, laboratory findings and natural history of various common pediatric nephrology disorders will be emphasized.

## Educational Objectives
- Describe the presenting signs of common pediatric nephrology problems
- Describe management of common pediatric nephrology problems
- Discuss issues related to pediatric fluids and electrolytes, pediatric dialysis, and renal transplantation
- Demonstrate understanding of how the pediatric nephrologist communicates with primary care providers, hospitalist, intensivists, surgical services, and emergency department physicians, and appreciate the role of other healthcare professionals (i.e., nursing, respiratory, pharmacy, etc.) in the care of children with complex renal issues
- Communicate effectively with patients and families across a broad range of cultural and socioeconomic backgrounds

## Course Readings
- Pediatric Urology and Nephrology: The Requisites in Pediatrics (Kaplan & Meyers)
- Principles and Practices of Pediatric Nephrology (Vijaykumar & Nammalwar)
- Recommended EBP articles based on need

## Course Activities/Experience
- Hospital rounds/consults/discussions – Vidant Medical Center Children’s Hospital
- Outpatient clinic – ECU Physicians Pediatric Specialty Care Clinic
- Conferences (renal/urology/radiology/pathology)
- Mandatory weekly scheduled educational time
- Student will give 1 10-15 minute oral presentation the last week of the rotation

## On Call Requirements

## Student Performance & Assessment
- Direct observation and in-person feedback by attending physicians and residents
- Mid-term and Final conferences with course director
- Final evaluation completed by Course Director

## Other Info

Updated 1/2017 GH