

PED 7130 Pediatric Nephrology 7130 Syllabus

Contact Information

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Course Information

Brief Description of Course

Diagnosis and management of children and adolescents with renal, fluid, electrolyte, and hypertensive disorders. The student will see inpatients and perform consultations at University Hospital as well as Primary Children's Medical Center. Students will also evaluate patients in the Pediatric Renal Clinic. The student will be introduced to dialysis and transplantation.

Course Goals

As a result of successfully completing this course, students will be able to:

During the rotation on the Pediatric Nephrology service, the student will be expected to gain an understanding of the evaluation and basic management as well as pathophysiology of the following conditions:

1. Minimal change nephrotic syndrome.
2. Glomerulonephritis.
3. Hypertension.
4. Vesicoureteral reflux and obstructive uropathy.
5. Urinary tract infections.
6. Kidney stones.
7. Kidney failure, acute and chronic.
8. Hematuria and proteinuria

Course Format & Schedule

Timeline

Educational and Instructional Modalities

Role of the Student in this Course

Clinic

Renal clinics are held from 8 am to 5 pm on Monday, Tuesday, Thursday, and Friday each week at the Eccles outpatient building, third floor, station 5. Emergency drop-in patients may be seen on non-clinic days.

Hospital Rounds

Rounds will be conducted with the renal resident and pediatric Nephrology attending physician each morning. Formal teaching rounds will be conducted with the Veasy team in the AM one to two days per week at the discretion of the Nephrology attending. The inpatient attending will set the time of the work rounds each morning. The student will accompany the renal resident prior to formal rounds for the purpose of examining patients, reviewing the vital signs (temperature, weight, blood pressure, etc.) and reviewing laboratory, medical imaging, and pathology results. The student should be prepared to present assigned patients. A written note should be prepared before rounds.

Consultations

There are usually new consultations at either the University Hospital or Primary Children's Hospital. The student will accompany the renal resident in evaluating the patient prior to presentation to the Nephrology faculty attending physician. The student should be prepared to present assigned patients.

Conferences

The student will be expected to attend:

1. Wednesday 4 PM renal conference (this is held two to three Wednesdays per month), which is held in the transplant conference room in the A level of the Eccles Pavilion of the University Hospital.

Other Activities

1. The student may be introduced to dialysis by visiting the pediatric-adolescent dialysis unit and observing dialysis clinic.
2. The student may also be introduced to renal transplantation by observing transplant clinic, which is held each Tuesday in Eccles outpatient building, third floor, station 5.
3. The student should observe a kidney biopsy if one occurs during the student's rotation. The biopsy is then reviewed with the pathologist during the following week.

Required Textbook(s)/Readings

Book Title + ISBN	Author/Publisher/Edition	Appx Cost

Additional Resources

Assessment & Grading

Preceptor Evaluations

Assessments – Complete the table with all assessments in the rotation

Assessment/Assignment	Due Date	Weight towards Final Grade
Preceptor Evaluations		100%

Grading System

Students will receive a final letter grade of PASS (P), or FAIL (F) for this course.

PASS: A student who achieves above 1.7 will be assigned a grade of PASS for the course.

FAIL: A student who fails to achieve the criteria for PASS (1.7) will be assigned a grade of FAIL for the course.

Student Feedback

Student feedback is important and helps identify opportunities to improve the course.

At the conclusion of each course, clerkship or rotation medical students are required to complete a summative evaluation. Evaluations are completed electronically and remain confidential.

Standard Policies

Please refer to the Student Handbook (on the Student Affairs website) for these policies:

- Accommodations**
- Addressing Sexual Misconduct**
- Attendance policy**
- Dress Code**
- Examination and Grading Policies**
- Grade or Score Appeal**
- Professionalism, Roles & Responsibilities**
- Mistreatment**

Center for Disability & Access Services

The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability and Access, 162 Olpin Union Building, 581-5020 (V/TDD). Staff of the Center for Disability and Access will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability and Access.

The Senior Director of the Academic Success Program, Dr. Steven Baumann (1C047B SOM Dean's Office, 587-3671, or steven.baumann@hsc.utah.edu), serves as the liaison between the School of Medicine and the Center for Disability and Access.