

Surgery 443 Sub-Internship in Urology

Introduction:

Welcome to the Urology sub-internship. The faculty and residents in the Department of Urology are looking forward to working with you over the next four weeks. We have designed a rotation that will broaden your exposure to all aspects of Urology. We hope you find the experience rewarding and that you will come to share our passion for this intriguing field.

We anticipate that you will actively participate in the ambulatory, inpatient, and operative care of our patients. You will be interacting closely with faculty and residents at the Hillcrest, and Thornton facilities.

Please note that you are expected to attend Urology Grand Rounds every Wednesday morning. Other regular conferences which you should attend, for which you will be given a schedule, include Pediatric Urology Grand Rounds at Rady Children's Hospital, radiology rounds, pathology rounds, and Moores UCSD Cancer Center Genitourinary Tumor Board.

Please also note that, Grand Rounds at Rady Children's Hospital notwithstanding, pediatric urology is not a regular part of this course. If pediatric urology is something that particularly interests you, please notify Dr. Jill C. Buckley, the course director, to make special arrangements.

Faculty:

Christopher Kane, M.D.
Professor and Chair
Department of Urology

Jill C. Buckley, M.D.
Associate Professor
Surgery 443 Course Director

Michael E. Albo, M.D.
Professor of Surgery

C. Lowell Parsons, M.D.
Professor Emeritus

Charles Lakin, M.D.
Associate Clinical Professor

Roger Sur, M.D.
Associate Clinical Professor

Ithaar Derweesh, M.D.
Professor of Surgery

Kyoko Sakamoto, M.D.
Professor of Surgery

Michael Hsieh, M.D.
Assistant Clinical Professor

Joseph Schmidt, M.D.
Professor Emeritus

Karim Kader, M.D.
Associate Clinical Professor

Goals and Objectives:

Upon completion of this course students should be able to:

- Describe the epidemiology, pathophysiology, natural history, presentation, and medical and surgical treatment of the following urological conditions:
 - Diseases and tumors of the adrenal gland
 - Benign prostatic hyperplasia (BPH)
 - Erectile dysfunction and Peyronie's disease
 - Genitourinary trauma
 - Male factor infertility
 - Neurogenic bladder
 - Urinary incontinence
 - Urinary infections
 - Urinary obstruction
 - Urinary stones
 - Bladder cancer
 - Kidney cancer
 - Prostate cancer
 - Testicular cancer
- Demonstrate familiarity with the principles and equipment of open, laparoscopic, and endoscopic urological surgery.
- Discuss the principles of, and controversies associated with, population screening for prostate cancer with prostate-specific antigen (PSA) and other serum screening tests.
- Describe the differential diagnosis and evaluation of hematuria.

Expectations:

The student will be expected to participate in the following activities:

- Evaluate and follow selected patients on the inpatient urological services at the Hillcrest, Thornton, and VA hospitals under the supervision of the chief/senior residents and faculty. These activities will include the writing of daily progress notes and the formulation of appropriate management plans.
- Evaluate and follow selected inpatients as a urological consultant at the Hillcrest, Thornton, and VA hospitals under the supervision of the residents and faculty. These activities will include the writing of consultation notes and the formulation of appropriate consultation plans.

- Assist with open, laparoscopic, and endoscopic urological surgery under the direction of the chief resident and attending's.
- Round daily on urology inpatients under the direction of the chief resident.
- While on the University service (Hillcrest and Thornton), attend general urology clinic at the Hillcrest facility at least one day per week under the direction of the chief resident.
- Attend at least one day of clinic during the rotation with Dr. Christopher Kane at the Moores Cancer Center. Arrangements will be made by the administrative office, and you will be assigned a specific day.
- Attend at least one half day of clinic with Dr. Michael Albo at the Women's Pelvic Medicine Center at the Perlman facility. Arrangements will be made by the administrative office, and you will be assigned a specific day.
- Attend at least one half day of clinic with Dr. Mike Hsieh at the Chancellor Park clinic. Arrangements will be made by the administrative office, and you will be assigned a specific day.
- Attend at least one half day of clinic with Dr. Karim Kader at the Moores Cancer Center. Arrangements will be made by the administrative office, and you will be assigned a specific day.
- Attend at least one half day clinic with Dr. Roger Sur at the UCSD Medical Center, Hillcrest clinic. Arrangements will be made by the administrative office, and you will be assigned a specific day.
- During the rotation, make a formal 10-minute presentation to Urology grand rounds on Wednesday morning. The topic should be of interest to the student and be narrow enough to allow for a comprehensive discussion of the relevant issues within the allotted timeframe. The student should prepare the presentation using PowerPoint. **Students must obtain approval for the topic from the course director, Dr. Jill Buckley, at least 10 days prior to the scheduled date of the presentation.**

Evaluations and Grading:

The faculty, fellows, and residents in the Department of Urology are sensitive to the fact that most, if not all, Surgery 443 students are strongly interested in careers in Urology. The course director will gather evaluations from faculty and residents and compile these into an overall grade. The course director will also solicit feedback from nurses and other ancillary staff with respect to professionalism and the student's ability to function as an effective member of the health care team. Criteria for grading are as follows:

- *Honors* – The student must receive evaluations of Outstanding on the majority (>50%) of their evaluations, with no scores of Satisfactory or less. In addition, the student’s formal presentation must be judged Very Good or Outstanding by a majority (>50%) of faculty evaluators.

The course director will also consider narrative comments. A single negative narrative comment will normally be disregarded; however, if a pattern emerges of negative comments concerning clinical performance or professional behavior, the student will not be awarded Honors.

- *Pass* – The student must receive Satisfactory scores on the majority (>50%) of their evaluations and the student’s formal presentation must be judged Satisfactory by a majority (>50%) of faculty evaluators.
- *Fail* – The student will fail if any of the following deficiencies occur: 1) >50% of the evaluations received are less than Satisfactory; 2) a large number of narrative comments are overtly negative, particularly with respect to professionalism, interpersonal behavior, or work ethic; 3) repeated unexplained absences not previously cleared by the course director; or 4) any egregious act including but not limited to HIPPA violations, unsupervised pelvic examinations, or verbal or other abuse of a colleague or patient. An Outstanding formal presentation will not overcome any of these deficiencies to allow a Pass.

While the course director solicits feedback from all residents and faculty, there may be other individuals—including fellows and ancillary personnel—with whom the student has worked with closely. Students are therefore encouraged to request that such individuals be included in the evaluation process.

The course director will meet with the student 3 times during the rotation: 1) during the 1st week to orient the student; 2) approximately 2 weeks into the rotation to provide mid-rotation feedback; and 3) at the end of the rotation to provide a final assessment. In addition, the student is encouraged at any time to approach the course director with any questions, concerns, or ideas for course improvement.

- The Mid-cycle evaluation meeting is scheduled 2 weeks into the rotation with Dr. Jill Buckley to discuss the rotation in general and address any concerns or request. At this time you will also be expected to have a topic for your end of rotation presentation to the department.

Rotation Schedule:

You will spend 4 weeks on the University service. The distribution of these assignments within your rotation will depend on how many students are rotating on the service at any given time and will be determined at the beginning of the month by the course director and the course administrator.

Each working day, you will be expected to round on the inpatient service as directed by the chief or senior resident. The chief resident is the individual responsible for the day-to-day management of this service. On unscheduled days, you will be directed by the chief resident to which operative case you will assist in or clinic assignment the day prior. You will also be expected to attend the various conferences (radiology, pathology, pediatrics) listed on the schedule.

Each Saturday morning during the month, you will round with the on-call attending and residents on the inpatient services depending on your specific assignment for that week. There is no overnight call on this service and you will have no responsibilities on Sunday.

Reading Assignments:

The following materials, all available for free download from the American Urological Association website (www.auanet.org), are required reading for this course and should be completed by the end of the month:

American Urological Association (AUA) Clinical Guidelines

<http://www.auanet.org/education/clinical-practice-guidelines.cfm>

- Benign Prostatic Hyperplasia (BPH) (2010)
- Diagnosis, Evaluation and Follow-Up of Asymptomatic Microhematuria (AMH) in Adults: AUA Guideline (2012)
- Diagnosis and Treatment of Overactive Bladder (Non-Neurogenic) in Adults: AUA/SUFU Guideline (2012)
- Guideline for the Management of Clinically Localized Prostate Cancer. (2007) (Reviewed and validity confirmed 2011).
- Guideline for the Management of Nonmuscle Invasive Bladder Cancer: (Stages Ta, T1, and Tis): Update (2007) (Reviewed and validity confirmed 2010)
- Management of Erectile Dysfunction. (2005) (Reviewed and validity confirmed 2011.)
- Management of Ureteral Calculi: EAU/AUA Nephrolithiasis Panel (2007)
- Medical Management of Kidney Stones (Approved by AUA Board of Directors April 2014)
- Management of Erectile Dysfunction. (2005) (Reviewed and validity confirmed 2011.)

- UroTrauma (Approved by AUA Board of Directors April 2014)

National Medical Student Curriculum in Urology

<http://www.auanet.org/education/education-for-medical-students.cfm>

- Core Content (Acute Scrotum, Pediatric UTI, Adult UTI, Urinary Stones, Incontinence, BPH, ED, Hematuria, and Prostate Cancer/PSA)
- Uroradiology Cases
- Interactive Cases in Urology

Additional Sources for Specific Topics

(Available on line through the UCSD Biomedical Library)

- Up To Date
- Smith and Tanagho's General Urology 18th edition
- Wein: Campbell-Walsh Urology, 10th edition

These materials cover all of the topics listed under the course goals. Students should be aware that faculty and residents will assess their knowledge of the information presented in these materials throughout the month.

Enjoy the month!

Course Contacts:

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