

University of California, Irvine School of Medicine  
Continuing Medical Education for Postgraduate Urologists

# Department of Urology

## Mini-Fellowship

### Minimally Invasive Urologic Surgery Training Program

The UC Irvine Surgical Education Center's mini-fellowship program in urology is the first training program of its kind in the United States. The attendees work closely with a dedicated instructor and other UC Irvine faculty in didactic and hands-on surgical laboratory sessions and also observe surgical procedures in the selected module. The mini-fellowship program provides a unique, focused training module for postgraduate urologists in the areas of —

- ureteroscopy plus percutaneous urolithiasis surgery
- percutaneous and laparoscopic image-guided needle ablative cryotherapy of renal tumors
- laparoscopic and robotic renal surgery
- robot-assisted laparoscopic prostatectomy

We welcome your participation.



Jaime Landman, MD  
Professor of Urology and Radiology  
Chair, Department of Urology  
University of California, Irvine



### Course Description

This postgraduate mini-fellowship course in minimally invasive urologic surgery is a unique educational experience designed for urologists. It is entirely devoted to teaching advanced endourological skills for performing all types of minimally invasive procedures in urology. Participation in the laparoscopy training modules requires documentation of completion of a basic laparoscopy course, and for the robotic modules, documentation of completion of a da Vinci® robot basic course for technical skills.

The training program comprises distinct minimally invasive surgery teaching modules including —

- ureteroscopy / percutaneous urolithiasis surgery
- needle ablative cryotherapy of renal tumors via laparoscopic or percutaneous access
- laparoscopic and robotic renal surgery
- robot-assisted laparoscopic prostatectomy and certification on the da Vinci® robot

Each participant is assigned to a specific preceptor. The modules include didactic sessions, pelvic trainer and simulator training, live animal and/or cadaveric hands-on surgical laboratory sessions, and observation of several module-specific surgery cases in a UC Irvine Medical Center operating room. During the training program, each attendee proceeds through a series of skills tests and at the end, completes a multiple-choice examination.

Department of Urology  
333 City Blvd. West, Suite 2100  
Orange, CA 92868  
714-456-8124

Copyright © 2021 The Regents of the University of California.  
All rights reserved.



UC Irvine Health



AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION  
**ACCREDITED EDUCATION INSTITUTES**  
ENHANCING PATIENT SAFETY THROUGH SIMULATION  
Level I - Comprehensive Education Institute

In order to participate in the mini-fellowship operating room procedures, you will need to apply for temporary hospital privileges with UC Irvine Medical Center.

**If you do or do not hold a valid California State Medical Board license, you have two options:**

1) Most surgeons elect this option. You may attend the mini-fellowship and be involved only as an observer of the surgical procedures performed in the UC Irvine Medical Center operating room, along with participation in the didactic and laboratory hands-on surgery sessions.

2) You may obtain a California State Medical Board license, following which the temporary privilege application can be submitted to the UC Irvine Medical Center credentialing office. This entire process will take approximately six to nine months to complete.

**If you hold a valid California State Medical Board license:**

If you elect to perform a procedure in the UC Irvine Medical Center operating room on one of your patients with your proctoring preceptor, you may complete and submit an application for temporary UC Irvine Medical Center hospital privileges for the specific dates of your attendance at the UC Irvine Surgical Education Center.

Also, it is necessary to submit a written summary of the patient, all diagnostic radiographic films and a working diagnosis and planned surgical procedure to the UC Irvine preceptor four weeks before your planned attendance in the mini-fellowship.

You and your proctor can then discuss the case and the planned procedure. All surgical procedures must be confirmed and approved by the preceptor before the clinical coordinator can proceed with surgical scheduling. Your office will be asked to assist the UC Irvine Department of Urology clinical coordinator with the authorization process for the surgical procedure.



**Purpose/Need for Activity**

To transfer advanced endourological skills for performing all types of minimally invasive surgical procedures in urology.

**Target Audience**

This postgraduate mini-fellowship course in minimally invasive urologic surgery is designed for urologists. Participation in the laparoscopy training modules requires documentation of completion of a basic laparoscopy course.

**Accreditation Statement**

The University of California, Irvine School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Designation Statement**

The University of California, Irvine School of Medicine designates this live activity for a maximum of 44 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

\*While there are CME credits designated for participation in this course, this does not imply certification of skills acquisition.

**Disclosure Statement**

It is the policy of the University of California, Irvine School of Medicine and the University of California CME Consortium to ensure balance, independence, objectivity, and scientific rigor in all CME activities. Full disclosure of conflicts and conflict resolutions will be made prior to the activity in writing via handout materials, insert or syllabus.

**ADA Statement**

In compliance with the Americans With Disabilities Act, we will make every reasonable effort to accommodate your needs. For any special requests, please call Krista Larson at 714-456-6109 or [knlarso1@hs.uci.edu](mailto:knlarso1@hs.uci.edu) by no later than two weeks prior to your course.

**California Assembly Bill 1195**

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. For specific information regarding Bill 1195 and definitions of cultural and linguistic competency, please visit the CME website at [www.cme.uci.edu](http://www.cme.uci.edu).

## UC Irvine, Department of Urology offers a certification program on the da Vinci® robot within the robotic prostatectomy module for procedural training.

Prior to attending the robot certification course at UC Irvine, please submit documentation of having completed a basic da Vinci® robot course for technical skills. Also, please complete the da Vinci® robot online tutorial sessions below and email the certificates/exam results to Krista Larson, laboratory director.

Tel: 714-456-6109

Email: knlarso1@hs.uci.edu

### UC Irvine Robotic Curriculum

It is required that you complete the UC Irvine Robotic Curriculum outlined below. You should complete Step 1 prior to coming to UC Irvine. Steps 2-3 will be scheduled into your program for completion while you are at the course.

#### Step 1: Online Training

- Go to the Robotic Course in the AUA Core Curriculum (which is free to all AUA Members) and complete the Basic Fundamentals of Urologic Robotic Surgery module and pass the MCQ exam, 80 percent correct score, associated with this module. ([www.aunet.org/eforms/elearning/robotic\\_surgery/module1.cfm](http://www.aunet.org/eforms/elearning/robotic_surgery/module1.cfm))
- Complete the online training on this website — [www.daVinciSurgeryCommunity.com](http://www.daVinciSurgeryCommunity.com) — on the particular robot you will be working with clinically. If there's no certificate printout, take a photo of the screen showing scores and send this to Jenny Tom.
- Also, complete one of the four AUA Basic Robotic Procedure modules and pass this MCQ exam: AUA online Prostate: Transperitoneal module in the Basic Procedures section of the AUA Urologic Robotic Surgery Course, and pass the post-module exam with 80 percent correct. ([www.aunet.org/eforms/elearning/robotic\\_surgery/module2.cfm](http://www.aunet.org/eforms/elearning/robotic_surgery/module2.cfm))

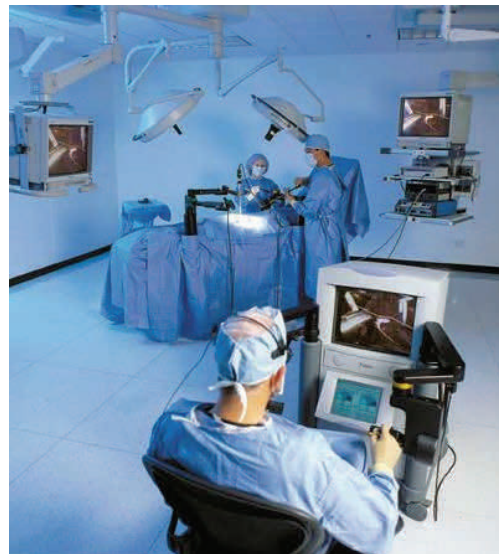
The online training should be completed prior to your laboratory hands-on simulator skills training.

#### Step 2: Simulator Skills Training

During your course at UC Irvine Medical Center, we will plan to hold four to five hours of inanimate hands-on skills training with the Mimic robotic simulator and our teaching robot in the Surgical Education Center. This will provide you with practice regarding functions of the robot and an understanding of clutching in instrument management.

#### Step 3: Animate/Cadaveric Robotic Training

Following completion of the skills training above, we will then provide the animate and cadaveric training portion of the curriculum.





# Learning Objectives

## Robot-Assisted Laparoscopic Prostatectomy Mini-Fellowship

1. Identify the patient selection criteria and indications and contraindications for robot-assisted laparoscopic prostatectomy surgery.
2. Discuss the techniques and adjuvant techniques and instrumentation for robot-assisted laparoscopic prostatectomy surgery.
3. Describe the cost considerations for robot-assisted laparoscopic prostatectomy surgery.
4. Review the identification, management and prevention of complications associated with robot-assisted laparoscopic prostatectomy surgery.
5. Discuss the pre- and post-procedural care for robot-assisted laparoscopic prostatectomy surgery.
6. Review the follow-up policies and outcome analysis for robot-assisted laparoscopic prostatectomy surgery.

## Laparoscopic and Robot-Assisted Renal Surgery Mini-Fellowship

1. Identify the patient selection criteria and indications and contraindications for laparoscopic renal and/or robot-assisted renal surgery for renal cancer and ureteropelvic junction obstruction.
2. Discuss the techniques and adjuvant techniques and instrumentation for laparoscopic and robotic renal surgery.
3. Review the identification, management and prevention of complications associated with laparoscopic or robot-assisted renal surgery.
4. Discuss the pre- and post-procedural care for laparoscopic and robot-assisted renal surgery.
5. Review the follow-up policies and outcome analysis for laparoscopic and robot-assisted renal urology.



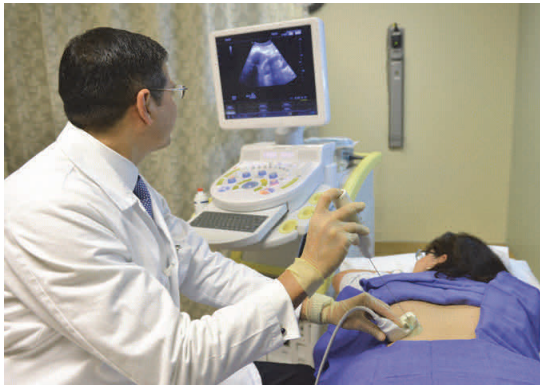
## Percutaneous and Laparoscopic Image-Guided Needle Ablative Cryotherapy of Renal Tumors Mini-Fellowship

1. Identify the patient selection criteria and indications and contraindications for laparoscopic or percutaneous cryoablative urologic surgery.
2. Discuss the techniques, adjuvant techniques and instrumentation for laparoscopic or percutaneous cryoablative urologic surgery.
3. Describe the cost considerations for laparoscopic or percutaneous cryoablative urologic surgery.
4. Review the identification, management, and prevention of complications associated with laparoscopic or percutaneous cryoablative urologic surgery.
5. Discuss the pre- and post-procedural care for patients undergoing laparoscopic or percutaneous cryoablative urologic surgery.
6. Review the follow-up policies and outcome analysis for laparoscopic or percutaneous cryoablative urologic surgery.

## Ureteroscopy and Percutaneous Renal Access for Urolithiasis Mini-Fellowship

1. Identify patient selection, indications and contraindications for ureteroscopy and/or percutaneous renal access for intrarenal surgery.
2. List the instrumentation, techniques and adjuvant techniques, content validity and cost considerations for ureteroscopy and percutaneous renal access intrarenal surgery.
3. Discuss the diagnosis, management and prevention of complications associated with ureterorenoscopy and percutaneous renal access as they apply to urolithiasis.
4. Discuss pre- and post-procedural care for ureterorenoscopy and percutaneous renal access intrarenal surgery.
5. Discuss follow-up care and metabolic analysis for stone treatment following ureteroscopy and percutaneous renal access intrarenal surgery.

## Mini-Fellowship Program Faculty



**Jaime Landman, MD**  
Professor and Chairman  
Department of Urology



**Thomas E. Ahlering, MD, FACS**  
Professor and Vice Chairman  
Department of Urology



**Ralph V. Clayman, MD**  
Professor  
Department of Urology  
Dean Emeritus



**Kari J. Nelson, MD**  
Associate Professor  
Section Chief of Vascular and Interventional  
Radiology  
Department of Radiology

**Department of Urology Fellows**  
Clinical Endourology and Laparoscopy Fellow  
Research Endourology and Laparoscopy Fellow



## General Information

### Location

University of California, Irvine Medical Center, Building 55, 101 The City Drive South, Orange, CA 92868. Map and parking information will be included with your registration acknowledgement.

### Parking

Parking is available at UC Irvine Medical Center, **Visitor's Parking structure**, corner of The City Drive and Dawn Way (Medical Center parking garage on the left side of Dawn Way as you drive in).

### Attire

Comfortable clothes and shoes (sneakers) are recommended, especially for the laboratory sessions. It is recommended that you bring a jacket or sweater, since meeting room temperatures are difficult to regulate to everyone's preference.

### Course Expenses

Tuition costs vary by course. Participants are responsible for their own transportation and accommodation arrangements and expenses. If you have not received an acknowledgement within two weeks of your registration submission, please call Krista Larson, Department of Urology, 714-456-6109.

### Flights

It is recommended that you book flights to John Wayne Airport in Irvine (SNA) or the Long Beach Airport (LGB). These airports are about a 30-minute drive to the two hotels near UC Irvine Medical Center.

### Cancellation Policy

The tuition fee less \$75 administrative charge is refundable if cancellation is received in writing 3 weeks prior to your course start date.

### Hotel Accommodations

Please make your hotel reservations directly with the hotel. Both of these hotels are within walking distance to UC Irvine Medical Center.

### Doubletree Hotel

100 The City Drive  
Orange, CA 92868  
Phone: 714-634-4500

### Ayres Inn

3737 W. Chapman Avenue  
Orange, CA 92868  
Phone: 714-978-9168

### Please Note

University of California, Irvine is not responsible for airline or hotel reservations. Please confirm meeting registration and hotel registration acceptance prior to purchase of non-refundable or penalty airline tickets.

### Complete the application form and submit it to:

Attention: Krista Larson  
UC Irvine Department of Urology  
333 City Blvd. West, Suite 2100  
Orange, CA 92868  
Tel: 714-456-6109

Email: knlarso1@hs.uci.edu

# Urology Mini-Fellowship Registration Form

Name: Last \_\_\_\_\_ First \_\_\_\_\_ Initial \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Daytime Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_ Email: \_\_\_\_\_

Social Security Number (for CME Credits, last 5 digits only): \_\_\_\_\_ - \_\_\_\_\_

State of Medical License: \_\_\_\_\_

**Request Mini-Fellowship Module: (check one module)**

**Tuition**

1)  **Ureterscopy and Percutaneous Renal Access for Urolithiasis**  
Urolithiasis, upper tract TCC, UPJ and ureteral obstruction

**\$9,000**

2)  **Percutaneous and Laparoscopic Image-Guided Needle Ablative Cryotherapy of Renal Tumors**

Saturday only - didactic/ultrasound

**\$1000**

Limited to six surgeons per course (Sat. thru Tues.)

**\$5800**

3)  **Laparoscopic and Robot-Assisted Renal Surgery**

**\$12,000**

Pyeloplasty, nephrectomy, nephroureterectomy, and partial nephrectomy

Are you a pediatric surgeon, and would you like a pediatric urology didactic session?

Advanced certification on the da Vinci® robot is required if you wish to study robot-assisted laparoscopic pyeloplasty.

4)  **Robot-Assisted Laparoscopic Prostatectomy**

**\$11,000**

Does your medical center have a da Vinci® surgical robot? \_\_\_\_\_

Date you completed the da Vinci® robot basic course for technical skills \_\_\_\_\_  
(Attach copy of certificate)

**Please enclose required documents with your application form:**

Copy of current medical license with expiration date

Documentation of personal medical insurance coverage (wallet card or document)

Verification of medical malpractice insurance

Copy of certificate indicating completion of a basic laparoscopy course

For robot modules: Copy of certificate indicating completion of da Vinci® robot basic course for technical skills

Documentation of TB/PPD or chest X-ray (either within last 12 months)

Documentation of rubella, rubeola, mumps (MMR) & varicella (vaccines or titers)

Documentation of hepatitis B vaccination or positive titers

Documentation of flu shot within last 12 months

Documentation of Tdap within last 12 months

**Registration Fee** (two convenient ways to pay tuition)

**Total Enclosed: \$** \_\_\_\_\_

Cancellation Policy -- The tuition fee less \$75 administrative charge is refundable if cancellation is received in writing 3 weeks prior to your course start date.

**1) MAIL** this completed form with your check payable to **UC Regents**. (Checks must be drawn on a U.S. bank made payable in U.S. dollars)

Krista Larson/ UC Irvine Department of Urology

333 City Blvd. West, Suite 2100

Orange, CA 92868

**2) FAX** this completed form with your credit card information to 888-378-4358

MasterCard

Visa

Discover

American Express

Name on card \_\_\_\_\_

Telephone: \_\_\_\_\_

Billing Address for credit card: \_\_\_\_\_

ZIP Code: \_\_\_\_\_

Card # \_\_\_\_\_

Exp. Date MM/YY \_\_\_\_\_ Signature \_\_\_\_\_