

University of California, Irvine School of Medicine, Department of Urology

C³REST[®] SURGICAL EDUCATION CENTER

MINI-FELLOWSHIP

Minimally Invasive Urologic Surgery Training Program



The UC Irvine C³REST[®] Surgical Education Center's mini-fellowship program in urology is the first and only training program of its kind in the United States. There are only two attendees per week who work closely with a dedicated instructor and other UC Irvine faculty in didactic and hands-on laboratory sessions along with observation of surgical procedures in the selected module. The mini-fellowship program provides a unique, one-week, 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, KTP laser treatment of the prostate, and robot-assisted laparoscopic prostatectomy on an ongoing, weekly basis.

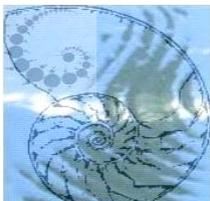
We welcome your participation.

Elspeth M. McDougall, MD, FRCSC, MHPE

Professor of Urology

Director of Research in Medical Education

Director, UC Irvine C³REST[®] Surgical Education Center



SCHOOL OF MEDICINE

UNIVERSITY OF CALIFORNIA • IRVINE

Department of Urology

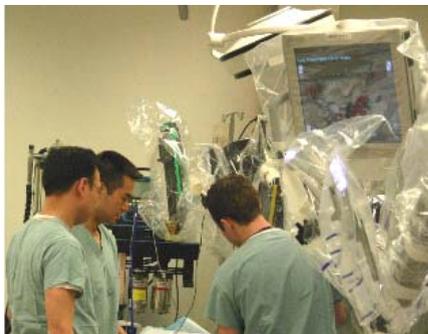
333 City Blvd. West, Suite 2100

Orange, CA 92868

714.456.5371

Center for Creative Clinical Care, Research,
and Education in Surgical Technology
C³REST[®] Surgical Education Center
at University of California, Irvine

COURSE



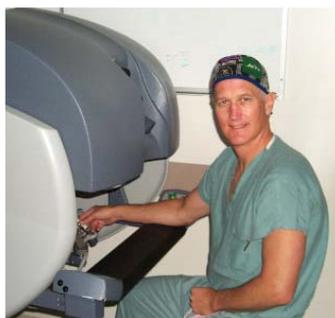
This postgraduate mini-fellowship course in minimally invasive urologic surgery is a unique week-long educational experience designed for urologists. It is entirely devoted to the transfer of advanced endourological skills for performing all types of minimally invasive procedures in urology. Participation in the laparoscopy training modules requires documentation of completion of a basic laparoscopy course.

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, KTP laser therapy for the enlarged prostate, and robot-assisted laparoscopic prostatectomy. Each participant is assigned to a specific preceptor.

The module includes didactic sessions with the preceptor, pelvic trainer and simulator training, live animal and/or cadaveric hands-on laboratory sessions, observing several module specific surgery cases at UC Irvine Medical Center operating room, and assisting or performing minimally invasive procedures with the preceptor in the attendee's operating room. During the training program, each attendee proceeds through a series of skills tests and completes a questionnaire pertaining to their individual surgical activities. Each attendee is requested to complete a multiple choice examination at

the completion of the program as well as a repeat of the skills testing.

In addition, an attendee with a California license, may elect to bring a patient to UC Irvine Medical Center for a procedure within the module that the attendee is taking. In this case, the surgical procedure the attendee performs while at UC Irvine would be done with a UC Irvine faculty member and would be evaluated with a validated surgical scoring system to provide the attendee with a documented evaluation of the surgical procedure, he or she performed. In addition, the director of the specific educational program will provide each attendee with a written summary that verifies attendance and achievement of the course objectives.



If you hold a valid California State Medical Board license, complete and submit the application for temporary UC Irvine Medical Center hospital privileges for the specific dates of your attendance at the UC Irvine Surgical Education Center.

If you are planning to perform a procedure in a UC Irvine Medical Center operating room on one of your patients with your proctoring preceptor, 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 4 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 requested to assist the UC Irvine Department of Urology Clinical Coordinator with the authorization process for the surgical procedure.

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

1) 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. You may be able to have the assigned preceptor or one of the endourology/laparoscopy fellows attend your operating room and proctor one or two surgical cases related to your chosen mini-fellowship with you. The malpractice coverage at your medical center for the preceptor/proctor to participate in the surgical procedures with you would be the responsibility of you or your hospital.

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. The cost for you to obtain a California State Medical Board License is approximately \$1,200.





Please note, for those participating in the Robot-Assisted Laparoscopic Prostatectomy Mini-Fellowship,

if your hospital requires you to have completed a da Vinci® Robot Training Course for credentialing at your medical center, you must complete this course prior to the 5-day mini-fellowship training program. The Robot-Assisted Laparoscopic Prostatectomy module only trains in the clinical aspects and not in the full robot management training. For maximum benefit of taking this mini-fellowship, it is advisable for you to complete the manufacturer's training program before taking the UC Irvine mini-fellowship course.

Please note that the robotic certification course is limited to two surgeons per course. The tuition may be covered by the medical center at which your robot is located as an integral part of the purchase price. However, it is your responsibility to determine whether this funding is available to you.

For additional information, please contact Cynthia Shell, Urology Education Coordinator.
Office Tel: 714.456.5371

LEARNING OBJECTIVES

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.

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

1. Identify the patient selection criteria and indications and contra-indications 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.

KTP Laser Therapy for BPH Mini-Fellowship

1. Identify the various lasers available for use on BPH symptoms management.
2. Discuss the techniques and principles of laser safety, in general and specific to each type of laser used in the lower urinary tract.
3. Describe the appropriate clinical application of GreenLight Laser for treatment of bladder outlet obstruction.
4. Outline the management and prevention of complications associated with GreenLight Laser treatment of bladder outlet obstruction.
5. Demonstrate the technique for using the GreenLight Laser for treating bladder outlet obstruction.
6. Discuss the operative set-up and post-operative management of patients undergoing the GreenLight Laser procedure.

Laparoscopic and Robot-Assisted Renal Surgery Mini-Fellowship

1. Identify the patient selection criteria and indications and contra-indications for laparoscopic renal and/or robot-assisted renal surgery for renal cancer and uretero-pelvic 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.

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.



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 educational activity for a maximum of 44 AMA PRA Category 1 Credits™.* Physicians should only claim 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 conflict resolution will be made in writing via handout materials or syllabus.

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 web site at www.cme.uci.edu.

Acknowledgement of Commercial Support

We wish to thank the following for their support of laboratory equipment for this activity.

- ◆ Baxter Healthcare
- ◆ Cook Urological
- ◆ Covidien
- ◆ Ethicon Endo-Surgery
- ◆ Karl Storz Endoscopy-America, Inc.
- ◆ METI (Medical Education Technology, Inc.)

Americans With Disabilities Act (ADA)

In compliance with the Americans With Disabilities Act, we will make every reasonable effort to accommodate your needs. For any special requests, please call Cynthia Shell at 714.456.5371 or cshell@uci.edu by no later than two weeks prior to your course.



MINI-FELLOWSHIP PROGRAM FACULTY



Elsbeth M. McDougall, MD, FRCSC, MHPE
Professor of Urology
Director of Research in Medical Education
Director, UC Irvine C³REST[®] Surgical Education Center



Thomas E. Ahlering, MD, F.A.C.S.
Professor of Urology and Vice Chairman



Michael K. Louie, MD
Assistant Clinical Professor
Department of Urology



Leland Ronningen, MD
Associate Clinical Professor
Department of Urology



Duane J. Vajgrt, MD
Clinical Professor
Department of Radiology

Department of Urology Fellows

Clinical Endourology and Laparoscopy Fellow
Research Endourology and Laparoscopy Fellow
Minimally Invasive Surgery Education Fellow



GENERAL INFORMATION

Location

University of California, Irvine Medical Center, Building 55, 101 The City Drive South, Orange, California. 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. And it is recommended that you bring a jacket or sweater, since meeting room temperatures are difficult to regulate to everyone's preference.

Course Expenses

The costs to the participants include course tuition, travel and accommodation expenses to attend the mini-fellowship courses. If you have not received an acknowledgement within two weeks of your registration submission, please call Cynthia Shell, Department of Urology, 714.456.5371.

Flights

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

Doubletree Hotel

Phone: 714.634.4500
100 The City Drive
Orange, California 92868

Special UC Irvine Rate:

Ask the Registration Desk to "key in" UCI Medical Center to retrieve the rooms at the UC Irvine Medical Center Corporate Discount rate.

Ayres Inn

Phone: 714.978.9168
3737 W. Chapman Avenue
Orange, California 92868

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:

Elsbeth M. McDougall, MD
Attention: Cynthia Shell
Department of Urology
UC Irvine Medical Center
333 City Blvd. West, Suite 2100
Orange, California 92868
Tel: 714.456.5371
Fax: 714.456.5062



UROLOGY MINI-FELLOWSHIP TRAINING PROGRAM REGISTRATION FORM

Name: Last _____ First _____ Initial _____

Address: _____

Daytime Phone Number: _____

Fax Number: _____ E-mail: _____

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

State of Medical License: _____

How did you learn about this Mini-Fellowship program? _____

Date (Monday) Requested to Start Mini-Fellowship: _____

Requested Mini-Fellowship: **(check one)** Tuition

1) **URS/PCN** Urolithiasis, upper tract TCC, UPJ and ureteral obstruction **\$3,500**

2) **Percutaneous and Laparoscopic Image-Guided Needle Ablative Cryotherapy of Renal Tumors** **\$3,500**
Laparoscopic and Percutaneous Access

3) **Renal Robotic and Laparoscopic Surgery** **\$3,500**

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 only required if you wish to study robot-assisted laparoscopic pyeloplasty. Please contact Cynthia Shell, urology education coordinator, Tel: 714.456.5371

4) **KTP Laser Therapy for BPH** **\$3,850**

5) **Robotic Prostatectomy** **\$3,850**

This module has a prerequisite that you complete the da Vinci® robot certification course.

♦Does your medical center have a da Vinci® surgical robot? _____

♦Has your medical center agreed to pay for you to take the da Vinci® robot certification course? _____

♦Will you need to get robot certification? _____ (see #5 if certification required)

♦Date you completed the da Vinci® robot certification course _____ (Attach copy - certificate)

6) **If you require certification on the da Vinci® robot, please contact Cynthia Shell, urology education coordinator, Tel: 714.456.5371.**

Please enclose these required documents with your application form:

- 1) Copy of state medical license with expiration date
- 2) Copy of DEA certificate
- 3) Signed attestation letter on medical center letterhead signed by chairman or Occupational Health chief
- 4) Document confirming that you have medical insurance
- 5) Copy of certificate indicating completion of a basic laparoscopy course
- 6) Verification of medical malpractice insurance
- 7) If applicable, copy of certificate indicating completion of the da Vinci® robot course

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 Irvine:**
(Checks must be drawn on a U.S. bank made payable in U.S. dollars)
Cynthia Shell / UC Irvine Medical Center / Department of Urology
333 City Blvd. West, Suite 2100
Orange, CA 92868 Tel: 714.456.5371 Fax: 714.456.5062

2) **FAX** this completed form with your credit card information to **714.456.5062**
 MasterCard Visa Discover American Express

Name on Card _____

Telephone: _____ Zip Code: _____

Billing Address for Credit Card: _____

Card # _____ 3-4 Digits on back of credit card _____

Exp. Date _____ Signature _____

Fax To: Cynthia Shell 714.456.5062