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UC Irvine Medical Center
Department of Urology
 101 The City Drive South
 Orange, CA 92868-5395



David K. Ornstein, MD

Director of Robotic Surgery and Urologic Oncology, Long Beach Memorial Medical Center and Assistant Professor, UC Irvine, Department of Urology

March 28, 2007

UC Irvine urologist, Dr. David Ornstein and his surgical team were the first in California to perform a surgery using the new da Vinci® S HD™ Robotic Surgical System. They used the new technology to perform a radical, nerve-sparing prostatectomy.

N E W S L E T T E R

**UC Irvine #1
 in Robotic Surgery in
 Orange County**

University of California, Irvine Medical Center is taking robotic surgery to a new level, becoming the first hospital in California to perform surgery using the newly developed da Vinci® S HD™ Robotic Surgical System. The da Vinci® S HD™ System enhances the surgeon's manual capabilities and visual perception, making it the most advanced robotic platform for minimally invasive surgery in the world today.

"We are pleased to be the first hospital in the area to offer the latest robotic technology to our patients," said **Dr. David Bailey**, vice chancellor for

Health Affairs. "Robotic surgery benefits patients in many ways, including smaller incisions, shorter hospitalizations and quicker recoveries. The new high definition system will enhance our surgeons' capabilities, providing them greater visual acuity. Having the best image quality available should translate into better operations and better outcomes."

High-definition (HD) projection provides twice the viewing resolution and 20 percent more viewing area compared to da Vinci's standard 3D vision system. The larger image improves clarity and detail of tissue and anatomy,

Intuitive Surgical, Inc.
da Vinci® S HD™ Surgical System



Robotic Surgical Procedures

Urology

- radical prostatectomy
- sacrocolpopexy
- nephrectomy
- partial nephrectomy
- radical cystectomy
- ureteral reimplantation

General Surgery

- abdominal laparoscopic procedures
- Nissen fundoplication to treat chronic reflux disease
- gastric bypass
- Heller myotomy to treat achalasia

Cardiac Surgery

- mitral valve repair
- atrial septal defect repair

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which is critical when performing delicate reconstructive procedures. Along with HD, the new UC Irvine system features a fourth arm, designed to give surgeons greater control over the surgery. It also frees up an assistant to perform other duties more demanding than holding a retractor in place.

"As a surgeon, high-definition will allow me to extend my eyes and hands even further into the surgical field," said

Dr. Ralph Clayman, chair of the Department of Urology. "If I can see



Ralph Clayman, MD

On this web page link, you may view two video clips.
http://today.uci.edu/news/release_detail.asp?key=1589

- *Watch video of da Vinci® S HD™ Surgical System*
- *View a video clip of Dr. Ralph Clayman discussing minimally invasive surgery*

better, then I believe I can perform surgery better. Also having four robotic arms instead of three gives me more control over the procedure, allowing me to guide each surgical instrument every step of the way."

Innovations in robotics, computers and video imaging are extending the benefits of minimally invasive surgery to enhance a surgeon's precision, dexterity and control. The technologies can result in a number of patient benefits, including smaller incisions, less pain, lower risk for wound infection, shorter hospitalizations and quicker recoveries.

Since UC Irvine Medical Center obtained Orange County's first robotic surgical system in 2002, robotic technology has been used for urologic, gynecologic, gastrointestinal and



Thomas Ahlering, MD

cardiac procedures. **Dr. Thomas Ahlering** introduced robotic prostatectomy to Southern California in 2002 and has since performed more than 500 prostatectomies.

UC Irvine surgeon, **Dr. David Ornstein**, was the first in Southern California to use robotic surgery for robotic radical cystectomies for bladder cancer; 30 have been performed to date.



David Ornstein, MD

The da Vinci® S HD™ Robotic Surgical System complements a cadre of three other da Vinci robots at UC Irvine. Two are dedicated to training community physicians and residents at the UC Irvine Surgical Education Center. This Surgical Education Center is the busiest robotic training center on the West Coast.

In January 2006 UC Irvine Medical

Center hosted the first multidisciplinary surgical robotics conference in the U.S., drawing hundreds of surgeons from throughout the world.

For more information about the da Vinci® S HD™ Robotic Surgical System visit --
www.intuitivesurgical.com

For appointments and referrals, please call:

Dr. Ralph Clayman
714-456-3418

Dr. Thomas Ahlering
714-456-6068

Dr. David Ornstein
714-456-5378

Since 2002, more than 800 robot-assisted urologic procedures have been performed at UC Irvine Medical Center.

The Department of Urology will present two upcoming education programs at UC Irvine Medical Center featuring the da Vinci® Surgical System.

For information, please call Cynthia Shell,
Urology Education Coordinator
Tel: 714-456-5371



ART of Prostatectomy Symposium for Urologic Surgeons

May 17, 2007

An Advanced Robotic Techniques Training Program

Advances in technology, surgical technique and our understanding of anatomy and physiology have allowed robot-assisted laparoscopic radical prostatectomy (RALP) to become an effective option for the management of prostate cancer. The goals of RALP are to control cancer, preserve urinary continence, preserve potency, and decrease morbidity.



Help the Doctor Help the Patient: Urological Nursing Techniques for Urology Nurses

May 18, 2007

This one-day course will be presented by the Department of Urology and the Southern California Chapter of the Society of Urological Nurses and Associates. The lectures and hands-on laboratory session will focus on the preparation and procedural management of the urological patient undergoing cystoscopy, ureteroscopy and robot-assisted laparoscopic prostatectomy surgery.

**To friends of the
Department of Urology:
Many thanks for
your support!**

As a result of your generous support, the Department of Urology provides educational programs to benefit our residents, fellows, and our urological colleagues in the community. Your support provided for two major visiting professorship training programs.

“It is our desire to train the very best urologists in the country. To be sure, the support of the Orange County community in this endeavor is essential.”

*Ralph V. Clayman, MD
Professor and Chair*

How You Can Help

All contributions to the Department of Urology are greatly appreciated. Contributions by check should be made payable to:

The UCI Foundation

For further information, please contact - Ralph V. Clayman, MD, Professor and Chair Department of Urology at 714-456-3418.

Your donation may be mailed to -

Ralph V. Clayman, MD
UCI Medical Center /
Department of Urology
Bldg 55, Room 304
101 The City Drive
Orange, CA 92868

Department of Urology Visiting Professors



William D. Steers, MD, FACS

This past **December 7-9, 2006**, your contributions allowed us to host Dr. William D. Steers, MD, FACS, Hovey Dabney Professor of Urology, Chair Department of Urology, University of Virginia Health System, Charlottesville, VA. This three-day, visiting professorship training program included lectures and a hands-on

laboratory experience for the urology residents providing a comprehensive understanding of a wide variety of urologic disease processes and techniques in this important area of penile prosthesis and urinary sphincter placement surgery. With over 200 publications and two patents, Dr. Steers has been a visiting professor and lecturer throughout the world discussing his diverse clinical interests that span from robotic surgery and bio-imaging, to bladder and prostate disorders. Dr. Steers currently chairs the National Institute of Health's (NIH) Urinary Incontinence Clinical Trials group and is Principal Investigator on two NIH grants. He is an editorial consultant and reviewer for over 40 journals, serves on the editorial board of 7 journals and is an Associate Editor of the *Journal of Urology*.



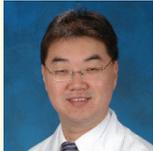
Douglas A. Canning, MD

On **March 15-17, 2007**, the Department of Urology hosted Dr. Douglas A. Canning, MD, Director, Division of Urology, The Children's Hospital of Philadelphia and Professor of Urology in Surgery, University of Pennsylvania School of Medicine, Philadelphia, PA. His lecture presentations provided a wide variety of pediatric urologic reconstructive surgery techniques and was an important educational event for the residents and faculty. The instructional, hands-on laboratory session for the residents focused on surgical techniques in pediatric reconstructive surgery. He is author or co-author of more than 70 peer reviewed publications and is a member of the Urological Survey Editorial Committee for the *Journal of Urology*. He has trained 16 pediatric urology fellows and more than 50 residents in general urology. He is known for his expertise in reconstructive surgery in children born with urological problems, especially bladder exstrophy/epispadias and hypospadias and for his interest in vesicoureteral reflux and bladder dysfunction due to in utero obstruction.



Department of Urology Residency Program

2007 Residency
Match Results



Hak J. Lee, MD

Medical University of Ohio at Toledo



William Sohn, MD

New York Medical College

UCIMC Department of Urology



2nd Annual Resident Alumni Reunion

A trip back to the future

Tuesday, May 22, 2007

5:30 pm - 7:30 pm

UC Irvine Medical Center

Building 55 Front Lawn

101 The City Drive

Orange, CA

We hope the urology resident alumnae and their guests will join us for this special event.

Please RSVP to Teresa Watters

Tel: 714-456-3429



Allan M. Shanberg, MD Chair in Pediatric Urology

With your support, we're finding new solutions to heal patients through ongoing research in minimally invasive surgery.

Allan M. Shanberg, MD

Dear Friends:

Children with urologic abnormalities are among the most underserved patients in Orange County. The reason for this is twofold. First, there is a "manpower" issue with regard to the hiring of fellowship-trained pediatric urologists, and second is the availability of the financial resources necessary to attract and maintain these physicians within our community. Indeed at this point in time, there are only four urologic surgeons in all of Orange County who devote the majority of their time to pediatric urology and only one fellowship-trained urologist whose practice is 100% committed to the care of our children.

As such, I have made it a primary goal for the UCI Department of Urology over the next year to establish as the first endowed chair in the Department of Urology, a Chair in Pediatric Urology. An endowed Chair in Pediatric Urology would greatly enhance our ability to attract and maintain a fellowship-trained pediatric urologist. For this chair, I would seek to honor Dr. Allan Shanberg, who was among the first urologists in Orange County to specialize in pediatric urology and who has served our community in this regard longer than any urologist in our community.

A million dollars is necessary to endow a chair in the medical school at the University of California, Irvine. To date, we have been successful in raising close to \$300,000, still far short of the needed amount. As such, your contributions to this important project are truly invaluable. Gifts of all amounts are greatly appreciated and acknowledged. The possibility of a large donation, which would complete the chair, would carry with it the opportunity to also name the chair in honor of the donor.

In addition, as of January 1, 2006, the Department of Urology has initiated a Centurion Club to aid with the development and direction of our urology program. Members of this group have pledged \$10,000 in support of the educational and research goals of the department. The driving force behind establishing this group of individuals is to obtain 100 members thereby assuring the realization of the Chair in Pediatric Urology. This group of individuals will also be invited to participate in the ongoing and future direction of the Department of Urology, as we seek to realize our goals of bringing the very best patient care to the Orange County community coupled with superb research contributions and outstanding educational opportunities for our residents, medical students, fellow community urologists, and the public.

It is my sincere hope that the creation of a Chair in Pediatric Urology will be realized by the end of this year, and I am working hard to fill this chair with an outstanding pediatric urologist. Again, I am very thankful for all help in this regard and believe that the overall beneficiaries of your generosity will be all of our children.

Many thanks for your thoughtful consideration.

Yours sincerely,

Ralph V. Clayman, MD
Professor and Chair
Department of Urology



UC Irvine Medical Center - Department of Urology Clinical Faculty



Ralph V. Clayman, MD
Professor and Chairman
Department of Urology

Dr. Clayman is world renowned for his clinical and laboratory work in minimally invasive surgery. He specializes in the treatment of kidney stones, kidney cancer, strictures of the ureter and all other aspects of renal and ureteral diseases.

**For Appointments and Referrals, please call:
714-456-3418**



Thomas E. Ahlering, MD
Professor and Director, Urological Oncology

Dr. Ahlering is well known for laparoscopic radical prostatectomy using the da Vinci® robotic surgical system. He specializes in treatments for cancer of the prostate, bladder, kidney, and testis. He did his postgraduate fellowship training in Urological Oncology at University of Southern California, Los Angeles.

**For Appointments and Referrals, please call:
714-456-6068**



Joel Gelman, MD
Assistant Clinical Professor
Director, Center for Reconstructive Urology

Dr. Gelman has expertise in male urethral and genital reconstruction and sexual dysfunction. He did his postgraduate fellowship training in Adult and Pediatric GU Reconstruction at Eastern Virginia Medical Center, Norfolk, Virginia.

**For Appointments and Referrals, please call:
714-456-2951**



Regina M. Hovey, MD
Associate Clinical Professor
Director, Urology Residency Program

Dr. Hovey specializes in female urology, urinary incontinence, neurology, and lower urinary tract reconstruction. She did her postgraduate fellowship training in Female Urology, Neurourology and Reconstructive Urology at University of California, Davis.

**For Appointments and Referrals, please call:
714-456-7128**



Jerry B. Miller, MD
Clinical Professor

Dr. Miller specializes in general practice urology and supervises residents-in-training in the general urology clinic.

**For Appointments and Referrals, please call:
714-456-7005**



Elsbeth M. McDougall, MD, FRCS
Professor and Director of the Surgical Education Center

Dr. McDougall specializes in minimally invasive surgery for the treatment of kidney stones, kidney cancer and strictures of the ureter. She did her postgraduate fellowship training in Endourology and Extracorporeal Shock Wave Lithotripsy at Washington University Medical School, Barnes Hospital, St. Louis, Missouri.

**For Appointments and Referrals, please call:
714-456-7005**



David K. Ornstein, MD
Assistant Professor

Dr. Ornstein completed a fellowship in urologic oncology at the National Cancer Institute. He now treats patients with all types of urologic cancers. He has extensive experience with open, laparoscopic, and robotic surgery, and is particularly interested in potency and continence-sparing radical prostatectomy using the da Vinci® Surgical Robot.

**For Appointments and Referrals, please call:
714-456-5378**



Leland Ronningen, MD
Associate Clinical Professor

Dr. Ronningen is particularly interested in benign diseases of the prostate and practices general urology.

**For Appointments and Referrals, please call:
714-456-7005**



Nader Sadoughi, MD, FACS
Clinical Professor

Dr. Sadoughi's interest and expertise are in urologic oncologic surgery and neuromuscular dysfunction of the lower urinary tract for urinary incontinence. He is actively involved in teaching urology residents and supervising them at the VA Long Beach Healthcare System. He did his postgraduate fellowship training at Sloan Kettering Cancer Center in New York..

**For Appointments and Referrals, please call:
562-826-8000 x5562**



Anne R. Simoneau, MD
Associate Clinical Professor
Assistant Director, Urological Oncology

Dr. Simoneau has clinical trials in prostate cancer prevention and is working in the laboratory on bladder cancer prevention. She did her postgraduate fellowship training in Clinical Urological Oncology at University of Southern California, Los Angeles.

**For Prostate Cancer Prevention, please call:
714-456-3330**



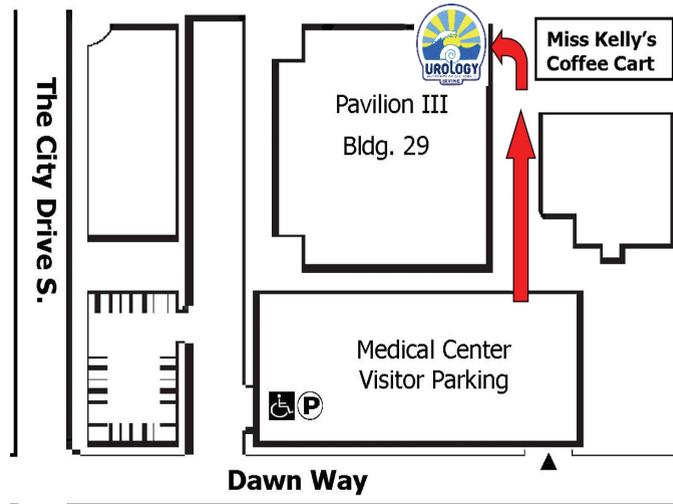
Aaron Spitz, MD
Assistant Clinical Professor
Male Reproductive Medicine and Surgery

Dr. Spitz has expertise in the treatment of male infertility and sexual dysfunction. He did his fellowship training at Baylor College of Medicine, Houston, Texas.

**For Appointments and Referrals, please call:
714-456-7005**

University of California, Irvine Medical Center

101 The City Drive South -- Orange, CA 92868



Driving Directions to UC Irvine Medical Center --

From I-5 take the Chapman Avenue exit. Drive westbound on Chapman. Turn left (south) onto The City Drive. Proceed to Dawn Way. Turn left. The UC Irvine Medical Center visitor parking structure is on the left side. Upon exiting the parking structure, continue down the broad walkway until you see Miss Kelly's Coffee Cart on your right side. On your left side is the entry to the Pavilion III Urology offices.

If you are lost, please call 714-456-7005.



UCI Medical Center

Department of Urology Newsletter

Building 55, Room 308, Rt 81

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