

# Pankaj Kalra

## CURRICULUM VITAE

### EDUCATION/ EMPLOYMENT

TriCounty Urologic Associates, August 2005-present  
*Director of Robotic Surgery*, Phoenixville Hospital  
Thomas Jefferson University, Philadelphia, PA  
Accredited Robotics & Laparoscopy/Endourology Fellowship,  
2004-2005  
University of Illinois at Chicago, Chicago, IL  
Urology Residency Training, 1998-2004  
Medical College of Virginia School of Medicine, Richmond, VA  
M.D., 1994-1998  
Advanced Engineering and Research Associates, Arlington, VA  
Junior engineer, 1993-1994  
University of Maryland, College Park, MD  
B.S. Electrical Engineering in 1993

### HONORS/ AWARDS

Listed as "Top Doctor" in Main Line Health magazine, 2008  
Resident Achievement Award from The Society of Laparoendoscopic  
Surgeons, 2004  
2<sup>nd</sup> place at Chicago Urologic Irving J. Shapiro X-ray conference, 2004  
Chief Administrative Resident, University of Illinois, 2003-2004  
2<sup>nd</sup> place at Chicago Urologic Charles B. Huggins essay contest, 2003  
Gerald P. Murphy Scholar at AUA, 2002  
Pfizer Scholars in Urology Award, 2002  
2<sup>nd</sup> place at Chicago Urologic Irving J. Shapiro X-ray conference, 2002  
Departmental Scholarship, Medical College of Virginia School of  
Medicine, 1997  
William Wallenmeyer Scholarship for academic achievement, Medical  
College of Virginia School of Medicine, 1996  
Engineering Honors Program, University of Maryland  
Alpha Lambda Delta National Honor Society, University of Maryland  
Phi Sigma Pi National Honors Fraternity, University of Maryland  
Dean's List, University of Maryland

### CERTIFICATION

Certified instructor in robotic surgery for Intuitive Surgical, Inc.  
Commonwealth of Pennsylvania permanent license #MD426207  
Board Certification in Urology, 2007

### RESEARCH/ ACTIVITIES

Member of Education and Research Committee, Pottstown Memorial  
Medical Center, 2005-present  
Moderator of journal club, Thomas Jefferson University, 2005  
Coordinator of hand-assisted laparoscopic pig laboratory, University of  
Illinois, 2003  
Neural computational modeling of prostate cancer detection outcomes,

University of Illinois, 2001-2002  
Investigation of the inhibition of angiogenesis in the TRAMP mouse model using Captopril, University of Illinois, 2001-2002  
Sub-investigator for Bayer complicated UTI study, University of Illinois, 2002  
Department of Cardiovascular Pathology, Armed Forces Institute of Pathology (AFIP), Washington, D.C., 1995, 1996

## **PUBLICATIONS**

Kalra P, Leech J, Tirado S, Moreno J. Novel use of the Gelport to expedite transition to robotic-assisted partial nephrectomy. *Journal of Endourology*. 24:947-948, 2010.

Kalra P, Le N, Bagley D. Effect of pulse width on object movement in-vitro using the holmium:YAG laser. *Journal of Endourology* 21:228-231, 2006.

Kalra P, Glassman D, Gomella L, Strup S, McGinnis D, Simon D, Chang M, Byrne D, Kuo R. Outcomes of hand assisted laparoscopic nephrectomy in technically challenging cases. *Urology* 67:45-49, 2006.

Kalra P, Radhakrishnan J. Meconium periorchitis. *Urology*, 68:202, 2006.

Trabulsi E, Kalra P, Gomella L. New approaches to the minimally invasive treatment of kidney tumors. *Cancer Journal* 11:56-62, 2005.

Kalra P, Togami J, Bansal G, Partin A, Brawer M, Babaian R, Ross L, Niederberger C. A neurocomputational model for prostate carcinoma detection. *Cancer* 98:1849-1854, 2003.

Kalra P, Gilleran J, Radhakrishnan J. Pediatric urinary diversion and undiversion (chapter); in press.

Burke AP, Kalra P, Li L, Smialek J, Virmani R. Infectious endocarditis and sudden unexpected death: Incidence and morphology of lesions in intravenous addicts and non-drug abusers. *J Heart Valve Dis* 6:198-203, 1997.

## **PRESENTATIONS**

### National Society

Moderated poster session on *Effect of Pulse Width on Object Movement In-vitro Using the Holmium:YAG Laser* at **AUA, 2005** and **WCE, 2005**

Moderated poster session on *Laparoscopic Pyeloplasty: Initial Outcomes in Practice Immediately Following Fellowship Training* at **WCE, 2005**

Moderated poster session on *Laparoscopic Radical Prostatectomy (LRP): A Community Hospital Experience* at **WCE, 2005**

Moderated poster session on *Natural History of Incompletely Treated*

*Upper Tract Transitional Cell Carcinoma: A Series of Three Patients* at **WCE, 2005**

Moderated poster session on *Outcomes of Hand Assisted Laparoscopic Nephrectomy in Technically Challenging Cases* at **SUO, 2004**

Moderated poster session on *Feature Extraction of a Neural Computational Model Predicting Prostate Cancer Detection Outcomes* at **AUA, 2002**

Podium session on *History of Sexual Development: From Ancient Beliefs to SRY and Beyond* at **AUA, 2002**

#### Regional Meetings

Presentation on *Erectile Dysfunction* at the Maryland Academy of Family Physicians Annual CME Assembly, 2007

Case presentation on *The Giant Indiana Pouch Stone* at Chicago Urologic Irving J. Shapiro conference, 2004

Participation in Charles B. Huggins resident essay contest at Chicago Urologic society meeting, 2003

Case presentation on *Malignant Fibrous Histiocytoma of Kidney* at Chicago Urologic Irving J. Shapiro conference, 2002

Case presentation on *Ureteroinguinal Hernia* at Chicago Urologic Irving J. Shapiro conference, 2000

#### Local Meetings

Grand rounds presentation on *Laparoscopic Radical Prostatectomy* at Pottstown Memorial Medical Center, 2006

Presentation on *Laparoscopic Partial Nephrectomy: Current Techniques and Outcomes* at the Thomas Jefferson University Centennial Symposium, 2004

Presentation on *Holmium Laser Physics* at the Thomas Jefferson University Centennial Symposium, 2004

Grand rounds presentation on *Urinary Diversion* at University of Illinois at Chicago, 2001

Grand rounds presentation on *Renal Tuberculosis* at University of Illinois at Chicago, 1999

#### **PROFESSIONAL AFFILIATIONS**

Pennsylvania Medical Society, 2005

Society of Laparoendoscopic Surgeons, 2004

Endourological Society, 2003  
American Association of Clinical Urologists, 2002  
American Urological Association, 2000  
American Medical Association, 1994