

## CURRICULUM VITAE

Name Robert Alan Ball, M.D., F.A.C.S.  
Business Address Dominion Urological Consultants, Ltd.  
8503 Arlington Blvd  
Suite 310  
Fairfax, Virginia 22031  
(703) 208-4200 \* Fax (703) 876-1799

### EDUCATION

Postgraduate Training Resident in Urological Surgery  
Harvard Program in Urology  
Harvard Medical School  
Harvard University  
(Longwood Area)

Brigham and Women's Hospital  
Beth Israel Hospital  
The Boston Children's Hospital  
Dana-Farber Cancer Institute  
Harvard Medical School  
West Roxbury Veteran's Hospital  
Boston, Massachusetts  
July 1988 to June 1992

Research Fellow  
J. Hartwell Harrison Urological  
Research Laboratory  
Harvard Medical School  
Boston, Massachusetts  
July 1989 to June 1990

Intern and Resident in General Surgery  
Pennsylvania Hospital  
Philadelphia, Pennsylvania  
July 1985 to June 1988

Medical School Jefferson Medical College  
Thomas Jefferson University  
Philadelphia, Pennsylvania  
September 1981 to June 1985  
Doctor of Medicine

Undergraduate University of Pennsylvania  
Philadelphia, Pennsylvania  
September 1977 to May 1981  
Bachelor's degree with Major in Chemistry  
National Chemistry Honor Society

Academic Appointments

**Clinical Professor of Urology**

George Washington University Medical Center  
2008 to present

**Associate Professor of Surgery**

Virginia Commonwealth University  
2008 to present

**Director**

Medical Student Clinical Clerkship in Urology  
Virginia Commonwealth University Medical School  
INOVA Fairfax Hospital Campus  
2009 to present

**Associate Chief of Urology**

Section of Urology, Department of Surgery  
INOVA Fairfax Hospital  
2005 to present

**Fellow**

American College of Surgeons  
1996 to present

**Assistant Clinical Professor of Urology**

George Washington University Medical School  
July 1994 to 2001

**Clinical Fellow in Surgery**

Harvard Medical School  
July 1988 to June 1992

Licensure and  
Certification

Diplomate, American Board of Urology  
Certified February 1994  
Recertified February 2002

Diplomate, National Board of Medical  
Examiners (#308571)

Commonwealth of Pennsylvania License  
(Voluntarily inactivated 1998 #MD - 037010 - E)

Commonwealth of Virginia, Board of Medicine  
(#0101047799)

Drug Enforcement Agency Certificate

Surgical Laser: (CO2, Holmium, ND-YAG, KTP and Pulsed  
Dye, Indigo, Green Light laser certified)

ESWL

Prostate Brachytherapy

Prostate and Renal cryotherapy certified

DaVinci Robot and Intuitive Surgical  
Mini-residency and certificate program  
University of California, Irvine Medical Campus

Advanced Urological Laparoscopy exemplified as my team  
has performed Virginia, Maryland and District of Columbia's  
first (with Dr. Simon Chung):

Pure Laparoscopic Nephrectomy 1994,  
Laparoscopic pelvic lymph node dissection 1995,  
Laparoscopic inguinal herniorraphy 1995,  
Robotic cystectomy 2006  
Robotic anterior exontoration and hysterectomy 2007  
Robotic nephrectomy 2008

Cryoablation Certificate Program  
Washington University Division of Urology

United States Soccer Federation Class E Coach

United States Soccer Federation, Grade 12 Referee

Hospital Affiliations

INOVA Fairfax Hospital Association

Hospital Committees

INOVA Fairfax Hospital Interventional Oncology Destination  
Service Study Group 2007 - present

Fairfax Hospital Cancer Committee 1994-2001

Fairfax Hospital Trauma Committee 1994-1998

Fairfax Hospital Operating Suite 1997-1999

## Teaching

### **Clinical Professor of Urology**

George Washington University Urology Residency Program

Extensive commitment to: daily instruction of urologic surgery techniques, in patient hospital care of urological patients and out patient urologic training to G.W. University Urology residents and medical students. Only one of three faculty to be honored with “The Teaching Award” twice.

### **Associate Professor of Surgery and Director Urology Clerkship**

Virginia Commonwealth University College of Medicine  
INOVA Fairfax Hospital Campus

Coordinate and provide the curriculum and clinical/didactic experience for VCU and visiting medical students rotating on the Urology service at the Fairfax Hospital VCU Medical School Campus

Responsible for VCU/Fairfax Family Practice Residents yearly didactic lectures on Genitourinary malignancies, urinary calculi, erectile dysfunction, urinary voiding dysfunction and coordinate rotation of the office practice of Urology

### **Lecturer**

INOVA Fairfax Hospital Operating Room Nurses Fellowship

Responsible for nursing education of O.R. nurses on Genitourinary anatomy, physiology and surgical techniques.

### **Consultant**

INOVA Fairfax Hospital General Surgery residency

GU rotation teaching attending and residency GU consultant

### **Consultant**

INOVA Fairfax Hospital Cancer Center  
Interventional Oncology Clinic

Research

National Cancer Institute Investigator (22898)  
Proscar Prostate Cancer Chemopreventative Trial

NCI Investigator  
SELECT Prostate Cancer Preventative Trial

Eli Lilly Protocol F1J-MC-Saaw  
Duloxetine vs Placebo in relief of Stress Urinary Incontinence

Boehringer Ingelheim Trial # 527.17 An eleven week, Open-Label, Randomized Multicenter, Parellel-Design, Placebo Lead-in Study of Flomax Capsules vs Hytrin Capsules in Patients with the Signs and Symptoms of Benign Prostatic Hyperplasia

136-11-98 A National Phase II Trial of Intron, (interferon Alpha) plus BCG for Treatment of Superficial Bladder Cancer

## AWARDS AND HONORS

- 2010**                    **The Teaching Excellence Award**  
**Top Community Preceptor in Surgery**  
**Presented by the VCU Medical School Class of 2011**  
**VCU School of Medicine, INOVA Campus**
- Top Doctors  
Washingtonian Magazine
- 2009                    Best Doctor in America (Urology)  
Consumer's Research Council of America
- 2008                    Best Doctor in America (Urology)  
Consumer's Research Council of America
- 2007**                    **The Teaching Award for Excellence in Resident Education**  
**Presented by the Residents in Urological Surgery**  
**Department of Urology**  
**George Washington University Medical Center**
- Best Doctor in America (Urology)  
Highest ranked Urologist in Northern Virginia  
Consumer Checkbook
- 2006                    Best Doctor in America (Urology)  
Consumer's Research Council of America
- 2005                    Best Doctor in America (Urology)  
Consumer's Research Council of America
- Top Doctor  
*Washingtonian Magazine*
- 2003                    Best Doctor in America (Urology)  
[www.Bestdoctor.com](http://www.Bestdoctor.com)
- 2002                    "Best Doctors in America" (Urology)  
Consumers Guide to Top Doctors in America
- 2002                    "Top Doctor" (Urology)  
*Washingtonian Magazine*
- 2001                    **George Washington University Excellence in Teaching**  
**Award, Department of Urology,**  
**George Washington University Medical Center**

- 1999 “Top Doctor” (Urology)  
*Washingtonian Magazine*
- 1998 Outstanding Physician (Urology)  
*Washington Consumer Checkbook*
- 1996 Who's Who in Executives & Professionals
- 1995 IAMS Memorial Quality Leadership Award Honorable Mention
- Alumni Clinic Lectureship  
125th Anniversary Jefferson Medical College
- 1991 First Prize, Basic Science Research Presentation  
Society of University Urology Residents
- J. Hartwell Harrison Chief Resident Award  
Harvard Medical School
- 1991 First Prize, Resident Essay Contest  
American Urologic Association New England Section
- Second Prize, Resident Essay Contest  
American Urologic Association New England Section
- 1990 First Prize, Resident Essay Contest  
American Urologic Association New England Section  
Edinburgh, Scotland
- First Prize, Clinical Research  
Annual Resident Research Competition Harvard/Countway Urology  
Grand Rounds
- Second Prize, Basic Science Research Annual Resident Research  
Competition Harvard/Countway Urology Grand Rounds
- 1985 Who's Who Among Students at American Colleges and Universities
- 1984 President, Jefferson Medical College Student Body
- 1981 Dean's List: University of Pennsylvania (4.0 Senior Year)
- 1980 Phi Lambda Upsilon - National Chemical Honor Society

Medical Societies

American Medical Association  
American Urological Association  
American College of Surgeons  
Virginia Medical Society  
Fairfax County Medical Society  
Virginia Urologic Society  
Washington, D.C. Urologic Society

## PUBLICATIONS

Ball, R.A., Richie, J.P., Vickers, M.A.: Correction of surgically induced erectile dysfunction in the rat by microsurgical interposition nerve graft repair of the cavernosal nerves. *Amer. Coll. of Surg., Surg. Forum*, XVI: 678, 1990

Tutrone, R.F., Ball, R.A., Ornitz, D., Leder, P.A., Richie, J.P.: Benign prostatic hyperplasia in a transgenic mouse: a new hormonally sensitive model. *Amer. Coll. of Surg., Surg. Forum*, XVII: 697, 1991

Vickers, M.A., Benson, C., Dluhy, R., Ball, R.A.: The current criteria for corpora-venous dysfunction are too strict: cavernosometric criteria for corpora-venous dysfunction. *J.Urol.*, 147:614, 1992

Ball, R.A., Lipton, S., Richie, J.P., Vickers, M.A., Jr.: Entubulization repair of severed cavernous nerves in the rat resulting in return of erectile function. *J. Urol*, 147: 211, 1992

Ball, R.A., Richie, J.P., Vickers, M.A.: Microsurgical nerve graft repair of the ablated cavernosal nerves in the rat. *Jour. of Surg. Research*, 53: 280, 1992

Steinberg, J., Wilson, L.A., Ball, R.A., Loughlin, K.R.: A comparison between laser-welded and conventionally sutured ileocystoplasty in rats. *Minimally Invasive Therapy*, 1: 1992

Ball, R.A., Horton, C.E., Jr., Mandell, J.A.: Transurethral removal of a knotted bladder drainage catheter in a male child after bladder neck reconstruction. *Urology*, 41: 243, 1993

Ball R.A., Steinberg, J., Wilson, L.A., Loughlin, K.R.: A comparison of vasovasostomy techniques in rats utilizing conventional microsurgical suture, CO2 laser and fibrin tissue adhesives. *Urology*, 41: 479, 1993

Ho, G.T., Ball, R.A., Schuessler, W., Kavoussi, L.R.: Endoscopic hydrocele ablation. *J. Urol.*, 148: 1911, 1993

Tutrone, R.F., Ball, R.A., Ornitz, D.M., Leder, P.A., Richie, J.R.: Benign prostatic hyperplasia in a transgenic mouse: a hormonally sensitive investigatory model. *J. Urol.*, 149: 133, 1993

Ho, G.T., Ball, R.A., Schuessler, W., Kavoussi, L.R.: Efficacy of endoscopic hydrocele ablation. *Journal of Endourology*, 7: 71, 1993

Ball, R.A.: The presentation of renal cell carcinoma. *Fairfax Hospital Cancer Leaflet*. January, 1994

Hardy, M., Ball, R.A., Hart, R.: Prostate Cancer, *Fairfax Hospital Cancer Leaflets*. January, 1994

Ball, R.A.: Prostate cancer: a perspective in 1995. Jefferson Medical College Alumni Clinics, Fall 1995

Woolf, S.H., Mugol, R., Feigert, J.M., Ball, R.A., Chow, C.C.: Rapidly progressive prostate cancer in the primary care setting, diffuse metastatic disease in an otherwise healthy patient. Jour. Am. Board of Family Practice, 9: 375, 1996.

Ball, R.A.: Prostate Cancer: An analysis of criteria to select candidates for treatment. Cancer Leaflets, 6: 13, 1997

Ogan, K., Berger, M., Ball, R.: Gonadotropin releasing hormone analogue antiandrogen failure secondary to a pituitary adenoma. J. Urol., 160: 497, 1998

Young, G. S. & Ball, R.A.: Urologic uses of the Holmium Laser. Journal of the Society of Urologic Nursing. 19: 254, 1999

Loughlin, K.R., Manson, K., Cragnale, D., Wilson, L., Ball, R.A., and Bridges, K.R.: The use of Hydrogen Peroxide to enhance the efficacy of Doxorubicin Hydrochloride in a murine bladder tumor cell line. J. Urol., 165: 1300, 2001

Linn, Mary M., Ball, Robert A., Maradiegue, Ann: Prostate-specific Antigen Screening: Friend or Foe? Journal of the Society of Urologic Nursing. December 2007/ Volume 27 Number 6 pgs: 482 – 490. Also listed on WebMD as a CME/CNE accredited continuing medical education lecture.

Warner, J. And Ball, R.: Multilocular cystic nephroma in an adult male, radiologically indistinguishable from renal cell carcinoma. Submitted for publication,

Ball, R.A.: Penile incarceration from inappropriate use of a wine bottle. Submitted for publication,.

Ball, R., Cain, M. : Ureteropelvic junction obstruction and calculous formation as a complication of conservative management of severe pediatric renal trauma. In production.

Andrawis, R. and Ball, R.: Treatment of malignant pheochromocytoma of the bladder with nerve sparing radical cystoprostatectomy, pelvic lymphadenectomy and orthotopic neobladder reconstruction. In production.

## ABSTRACTS

Loughlin, K.R., Manson, K, Cragate, D., Ball, R.A., Bridges, K.: The effect of hydrogen peroxide on the growth of MBT-2 cells. *J. Urol.*, 143: 256A, 1990

Ball, R.A., Steinberg, J., Wilson, L.A., Loughlin, K.L.: A comparison of vasovasostomy techniques in rats utilizing suture, CO<sub>2</sub> laser and tissue adhesives. Annual Meeting in New England Section, American Urological Association. Edinburgh, Scotland, October, 1990

Ball, R.A., Richie, J.R., Vickers, M.A.: Microsurgical interposition nerve graft repair of the ablated cavernosal nerves for the correction of surgically induced erectile dysfunction in the rat. Annual Meeting New England Section, American Urological Association. Edinburgh, Scotland. October, 1990

Loughlin, K.R., Manson, K., Wilson, L., Cragate, D., Ball, R.A., Bridges, K.: The effect of hydrogen peroxide on the growth of MBT-2 cells. Annual Meeting New England Section, American Urological Association, London, England. October, 1990

Ball, R.A., Lipton, S., Richie, J.P., Vickers, M.A.: Use of synthetic tube and acidic fibroblast growth factor for the repair of surgically excised cavernosal nerves in the rat. *J. Urol.*, 145: 231A, 1991

Steinberg, J., Wilson, L.A., Ball, R.A., Loughlin, K.R.: Comparison between laser-welded and conventionally sutured ileocystoplasties in rats. *J. Urol.*, 145: 394A, 1991

Richie, J.P., Ball, R.A., Ornitz, D., Leder, P.A.: Int-2 transgenic mouse: New investigatory model for BPH. Amer. Assoc. of Genitourinary Surgeons. Annual Meeting, Naples, Florida, April 4-6, 1991

Ball, R.A., Steinberg, J., Wilson, L.A., Loughlin, K.R.: A comparison of vasovasostomy techniques in rats utilizing conventional microsurgical sutures, CO<sub>2</sub> laser and fibrin tissue adhesives. Second International Congress on Therapy in Andrology, Pisa, Italy. June 13-15, 1991

Tutrone, R.F., Ball, R.A., Ornitz, D., Leder, P.A., Richie, J.P.: Benign prostatic hyperplasia in a transgenic mouse: a new hormonally sensitive model. Annual Meeting New England Section, American Urological Association, Dixville Notch, New Hampshire. October 6-9, 1991

Ball, R.A., Fossel, E.T., McArdle, C., DeWolf, W.C.: Detection of cancer in patients with prostate nodules by water-suppressed proton nuclear magnetic resonance spectroscopy of plasma. Annual Meeting New England Section, American Urological Association, Dixville Notch, New Hampshire. October 6-9, 1991

Ball, R.A.: The potential for cavernous nerve grafts to restore erectile function, Society of University Urology Residents. Thirteenth Annual Meeting, May 6-9, 1992, Falls Church, VA

Tutrone, R.F., Ball, R.A., Ornitz, D., Leder, P., Richie, J.P.: Benign prostatic hyperplasia in a transgenic mouse: a new hormonally sensitive investigatory model. *J. Urol.*, 147: 249A, 1992

Ball, R.A., Ho, G.T., Schuessler, W., Kavoussi, L.R.: Efficacy of endoscopic hydrocele ablation. Annual Meeting Mid-Atlantic Section, American Urological Association, Williamsburg, Virginia. September 20-23, 1992

Ball, R.A., Kavoussi, L.R., Loughlin, K.R., Goldstein, D.G.: Laparoscopic radical nephrectomy. Annual Meeting Mid-Atlantic Section, American Urological Association, Williamsburg, Virginia. September 20-23, 1992

**PRESENTATIONS/LECTURES:**

Multiple presentations and lectures delivered, abridged list available upon request.