CURRICULUM VITAE

S. Duke Herrell, M.D.

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CERTIFICATION

Diplomate, American Board of Urology 1999

EDUCATION

EDUCATION	
8/82-5/86	Bachelor of Arts (Chemistry) Summa cum laude University of Richmond, Richmond, VA
8/86-5/90	Doctor of Medicine University of Virginia School of Medicine, Charlottesville, VA
6/90-6/92	General Surgery Resident University of Virginia Medical Center, Charlottesville, VA
7/92-6/93	Urology Research Resident University of Virginia Medical Center, Charlottesville, VA
7/93-6/95	Urology Resident University of Virginia Medical Center, Charlottesville, VA
7/95-6/96	Chief Resident in Urology University of Virginia Medical Center, Charlottesville, VA
9/96-6/97	Fellow in Endourology Loyola University Medical Center, Maywood, IL

FACULTY POSITIONS

9/97-8/00	Assistant Professor of Urology Medical University of South Carolina Charleston, South Carolina
9/00-11/01	Assistant Professor of Urology University of Kansas Medical Center Kansas City, Kansas
12/01 -	Assistant Professor of Urology Vanderbilt University Medical Center Nashville, Tennessee
12/01-	Fellowship Director: Endourology and Laparoscopy Fellowship Vanderbilt University Medical Center

Licensure

State of Illinois - inactive

State of Virginia - inactive State of South Carolina - inactive State of Kansas - inactive State of Tennessee - active

Awards, Honors, Honorary Societies

Resident Teaching Award (University of Virginia Department of Urology) Alpha Omega Alpha, University of Virginia School of Medicine Phi Beta Kappa, University of Richmond University of Richmond Scholar, Four-year academic scholarship

Bibliography

- 1. Herrell SD and Buchanan M. Flank Position Ureterorenoscopy: New Positional Approach to Aid in Retrograde Caliceal Stone Treatment. *J Endourology*. February 2002; Vol. 16(1):15-18. (Highlights of 18th WCE Meeting).
- 2. Herrell SD, Flank Pain. In Mulhall JP ed. Contemporary Diagnosis and Management of Urologic Emergencies. HHC Handbooks. Newton, PA 2001.
- 3. Dula E, Keating W and Apomorphine Study Group (Herrell SD). Efficacy and Safety of Fixed-Dose and Dose-Optimization Regimens of Sublingual Apomorphine Versus Placebo in Men with Erectile Dysfunction. *Urology*. 56(1):130-135.
- 4. Herrell SD, Jahoda A, Husain AN and Albala DM. The laparoscopic cooling sheath: a novel device for hypothermic preservation of the kidney during temporary renal artery occlusion. *J Endourology*. April 1998; Vol. 12(2):155-61.
- 5. Kim FJ, Herrell SD, Jahoda AE, and Albala DM. Complications of Acucise endopyelotomy. *J Endourology*. October 1998; Vol. 12(5):433-436.
- 6. Koleski F, Turk TM, Owenga M, Herrell SD et al. Splenosis as a Cause of Testicular Pain: Laparoscopic Management. *J Endourology*. June 1999; Vol. 13(5): 373-375.
- 7. Contributing author: Blackbourne LH and Fleischer KT. Advanced Surgical Recall. Williams & Wilkins. Baltimore, MD, 1997.
- 8. Herrell SD, Tractenberg J, and Theodorescu D. Staging pelvic lymphadenectomy for localized carcinoma of the prostate: a comparison of three surgical techniques. *J Urol.* April 1997; 157(4):1337-1339.
- 9. Steers WS, Meythaler JM, Haworth C, Herrell SD and Park TS. Effects of bolus and chronic continuous intrathecal baclofen on genitourinary dysfunction due to spinal cord pathology. *J Urol* 1992; 148(6):1849-1855.

Presentations

- 1. Herrell SD, Steers WD and Tuttle J: Mechanical stretch increases NGF production and elicits spinal cord neuroplasticity after bladder outlet obstruction. Society for Neuroscience. Washington DC 1993.
- 2. Herrell SD, Steers WD and Tuttle J: Effect of mechanical deformation on NGF

- production and growth properties of bladder smooth muscle in vitro. Awarded best poster in session, American Urological Association. San Antonio, 1993.
- 3. Persson K, Herrell SD, Tuttle J and Steers WD: Regulation of NGF secretion by urinary tract smooth muscle cells. American Urological Association. San Francisco, 1994.
- 4. Herrell SD and Jenkins A: Antegrade percutaneous endopyelotomy: University of Virginia experience. Mid Atlantic AUA. Bermuda, 1995.
- 5. Abala DM, Herrell SC and Jahoda A: Fibrin Sealant: Applications in urology. Video presentation. American College of Surgeons. San Francisco, 1996.
- 6. Herrell SD, Isacksen R and Albala DM: Retrograde cutting balloon endopyelotomy: Experience in 76 patients. American Urological Association. New Orleans, 1997.
- 7. Jahoda AE, Kim F, Herrell SD, Albala, D. Treatment of Renal Trauma with Fibrin Sealant: Hemostasis vs. Hypercoagulation. 15th World Congress on Endourology and SWL. Edinburgh, UK, 1997.
- 8. Albala DM, Herrell SD, Jahoda AE, Kim F. Complications of Acucise Endopyelotomy. 15th World Congress on Endourology and SWL. Edinburgh, UK, 1997.
- 9. Herrell SD, Jahoda A, Husain AN, Albala D. Laparoscopic Hypothermic Protection of the Kidney during Temporary Renal Artery Occlusion. Southeastern Section AUA Meeting, Birmingham, AL, 1998.
- 10. Herrell SD, Jahoda A, Husain AN, Albala D. Evaluation of a Novel Device for Protective Hypothermia during Complex Laparoscopic Renal Surgery. World Congress of Endourology, New York, NY, 1998.
- 11. Buchanan M and Herrell SD. Flank Position Ureterorenoscopy: A Novel Positional Aid in Complex Ureterorenoscopy. . Southeastern Section AUA Meeting, Orlando, FL, 2000.
- 12. Herrell SD and Perkel J. Hand Assisted Laparoscopic Radical Nephrectomy: Initial Experience. Southeastern Section AUA Meeting, Orlando, FL, 2000.
- 13. Herrell SD and Buchanan M. Flank Position Ureterorenoscopy: A Positional Aid in Complex Ureterorenoscopy. World Congress of Endourology Meeting, Sao Paulo, Brazil, 2000.
- 14. Herrell SD. Bilateral Hand Assisted Laparoscopic Radical Nephrectomies in a Patient With a Renal Transplant. World Congress of Endourology Meeting, Sao Paulo, Brazil, 2000.
- 15. Castle EP and Herrell SD. Laparoscopic Treatment of Page Kidney. South Central Section AUA Meeting, Austin, TX , 2001.
- 16. Porter HJ and Herrell SD. Hand Assisted Partial Nephrectomy with Vascular

Control and Hypothermia: Laboratory and Clinical Experience. South Central Section AUA Meeting, Austin, TX, 2001.

Instructional Courses

Urological Laparoscopy: Course Instructor/Lecturer AUA Basic Sciences Course Charlottesville, Virginia June 1997, June 1998, June 1999

American Urological Association National Meeting: Instructional Course Faculty Treatment Options for the Obstructed Ureteropelvic Junction San Diego, California May 1998

Carolina Urological Meeting – Urolithiasis Panel Lecture: Ureteroscopy and Intracorporeal Lithotripsy Charleston, South Carolina August 1999

Advanced Percutaneous Endorenal Surgery Course Faculty: St. Peter's Kidney Stone Center Albany, New York October 2000

Hand-Assisted Laparoscopic Nephrectomy Course Course Faculty: Ethicon Endo-surgery Institute Cincinnati, Ohio February 2001, April 2001, September 2001

Update on AUA 2001: Minimally Invasive Techniques and Laparoscopy Course Faculty: University of Kansas Review Course Kansas City, Kansas June 2001

Carolina Urological Meeting – Invited Lecture Lecture: Laparoscopy in Urology 2001 Charleston, South Carolina August 2001

Kansas City AORN Meeting – Invited Lecture Lecture: Minimally Invasive Laparoscopic Urologic Surgery Kansas City, Kansas October 2001

Kansas City Primary Care Update 2001 – Invited Lecture Lecture: Update on Urolithiasis and Laparoscopic Urologic Surgery Kansas City, Kansas November 2001

Southeastern Section AUA Meeting 2002 – Invited Lecture Laparoscopic Ureteral Surgery and Laparoscopy Panel Member Naples, Florida February 2002

Radiofrequency Ablation Course: Vanderbilt University Medical Center

Lecture: Basic Science and Renal Applications

Nashville, Tennessee

April 2002

Memberships

American Urological Association Endourology Society American Medical Association

Investigator/Grants

- 1. Protocol: Phase III Evaluating Safety and Efficacy of Uprima Compared to Viagra in the Treatment of Male ED. Sponsor: TAP Pharmaceuticals #M99-099.
- 2. Information Technology Grant Recipient. Use of Digital Video and Desktop Editing in Surgical Resident and Medical Student Instruction. Medical University of South Carolina. 1999, \$10,000.
- 3. Lower Pole Stone Study Group II: PCNL versus ureterorenoscopy for lower pole stone burden. Multi-institutional study. Co-investigator.

Invited Lectures

Advances in Urologic Surgery, Jayhawk Family Practice Group Meeting, October 2000

Urologic Laparoscopy, Kansas City AORN Meeting, St. Luke's Hospital, March 2001

Laparoscopy for Prostate Cancer, Kansas City US TOO Prostate Cancer Support Group, January 2001

Accepted Publications/Research

Herrell SD and Buchanan M. Flank Position Ureterorenoscopy: A Novel Positional Aid in Complex Ureterorenoscopy. Submitted to *J. Endourology*. Invited article in Highlights of WCE Meeting 2001.

Wallace D, Spector G, Herrell SD et al. Epinephrine stimulates chloride and fluid secretion by human medullary collecting duct cells. Accepted for presentation at 2001 World Congress of Nephrology.