

## CV

### **Michael A White D.O., FACOS**

#### **Current Position**

Private Practice, Urology San Antonio

#### **Education:**

Cleveland Clinic Foundation

Center for Laparoscopic and Robotic Surgery

Glickman Urological and Kidney Institute

Cleveland, Ohio

July 2009-June 2011

Advanced Laparoscopic and Robotic Urology Fellowship

Michigan State University College of Osteopathic Medicine

Metro Health Hospital

Grand Rapids, Michigan

July 2005-June 2009

Urologic Surgery

Michigan State University College of Human Medicine

Lansing, Michigan

July 2003- June 2005

General Surgery

The University of North Texas Health Science Center

Texas College of Osteopathic Medicine

Fort Worth, Texas

August 1999- May 2003

D.O. *With Honors- Rank 5/108*

St. Mary's University

San Antonio, Texas

September 1994- December 1997

B.A. Biology Cum Laude

#### **Awards:**

1. "Top 10 Video" Robotic Laparoendoscopic Single-Site Radical Prostatectomy. World Congress of Endourology. Chicago, IL, 2010
2. American College of Osteopathic Surgeons Resident Achievement Award 2009
3. The John R Casselman Scientific Paper Award for best resident research paper 2008
4. 1st Place Case Report Metro Health Research Day 2008
5. 2nd Place Research presentation-Western Michigan Urologic Meeting Research Day 2008
6. 2nd Place Research presentation-Western Michigan Urologic Meeting Research Day 2007
7. 3rd Place Metro Health Original Research Competition 2007

8. 3rd Place Western Michigan Pelvic Floor Symposium Research Competition 2006
9. 2nd Place Case Report Metro Health Research Day 2006
10. Deans List: Fall 1999, Spring 2000, and Spring 2001
11. The Mary L. Schunder Award for Demonstrated Excellence and Proficiency in the Science of Human Anatomy 1999-2000
12. The Mary A Hartford/ AFAR Geriatric Research Scholarship- Johns Hopkins Medical School and School of Public Health Summer 2001

### **Professional Appointments**

Affiliate Staff: Cleveland Clinic Foundation

### **Professional Memberships**

Fellow of the American College of Osteopathic Surgeons, American Urological Association, American Osteopathic Association, Michigan Osteopathic Association

### **Board Certification**

American Osteopathic Board of Surgery in Urology: November 2009

### **Faculty Appointments**

Advances in Single-Port Surgery: New Laparoscopic and Robotic Approaches  
Cleveland Clinic June 3-4, 2011

2nd International Symposium on Robotic Kidney and Adrenal Surgery Cleveland Clinic  
October 22-23, 2010

Single-Port Laparoscopy, Robotics, and NOTES Surgery “A Multidisciplinary Hands-On Course” Cleveland Clinic May 14-15, 2010

Cleveland Clinic Journeys in Collaboration with Astra Zeneca  
Cleveland Clinic May 21-24, 2010

3<sup>rd</sup> Annual Residents Robotic/Advanced Laparoscopic Training Course  
Cleveland Clinic June 5, 2010

### **Peer Reviewed Publications**

1. Kaouk JH, Spana G, Hillyer S, **White MA**, Goldfarb D. Robotic Partial Nephrectomy in a Transplant Kidney. Accepted to J Trans.
2. Kaouk JH, Autorino R, Kim FJ, Han DH, Lee SW, Yinghao S, Cadeddu JA, Derweesh IH, Richstone L, Cindolo L, Branco A, Greco F, Allaf M, Sotelo R, Liatsikos E, Stolzenburg JU, Rane A, White WM, Han WK, Haber GP, **White MA**, Molina WR, Jeong BC, Lee JY, Linhui W, Best S, Stroup SP, Rais-Bahrami S, Schips L, Fornara P, Pierorazio P, Giedelman C, Lee JW, Stein RJ, Rha KH.

- Laparoendoscopic Single-site Surgery in Urology: Worldwide Multi-institutional Analysis of 1076 Cases. Accepted to Eur Urol.
3. Haber GP, Autorino R, Laydner H, Yang B, **White MA**, Hillyer S, Altunrende F, Khanna R, Spana G, Wahib I, Fareed K, Stein RJ, Kaouk JH. SPIDER™ platform for LESS Urological surgery: from initial laboratory experience to first clinical application. Accepted to Eur Urol.
  4. Altunrende F, Autorino R, Patel NS, **White MA**, Khanna R, Laydner H, Yang B, Haber GP, Kaouk JH, Stein RJ. Robotic bladder diverticulectomy: Technique and surgical outcomes. *Int J Urol*. 2011 Feb 8. doi: 10.1111/j.1442-2042.2010.02716.x.
  5. Yang B, Autorino R, Remer EM, Laydner HK, Hillyer SP, Altunrende F, **White MA**, Khanna R, Stein RJ, Haber GP, O'Malley CM, Kaouk JH. Probe Ablation as Salvage Therapy for Renal Tumors in Von Hippel-Lindau Patients: The Cleveland Clinic Experience with 3 Years Follow-up. Accepted to Urol Oncol.
  6. Altunrende F, Autorino R, Haber GP, Laydner H, **White MA**, Khanna R, Stein RJ, Kaouk JH. Immediate impact of a robotic kidney surgery course on attendees practice patterns. *Int J Med Robot*. 2011 Feb 25. doi: 10.1002/rcs.384
  7. Hillyer SP, Spana G, **White MA**, Autorino R, Laydner HK, Khanna R, Stein RJ, Haber GP, Kaouk JH. Novel Robotic Renorrhaphy for Hilar Tumors. Accepted to BJUI.
  8. Laydner H, Autorino R, Spana G, Altunrende F, Khanna R, **White MA**, Hillyer S, Yang B, Wahib I, Stein RJ, Haber GP, Kaouk JH. Robot-Assisted Partial Nephrectomy for Sporadic Ipsilateral Multifocal Renal Tumors. Accepted to BJUI.
  9. Altunrende F, Autorino R, **White MA**, Khanna R, Laydner H, Yang B, Haber GP, Kaouk JH, Stein RJ. Laparoscopic Single-Site Surgery for Caliceal Diverticulectomy. Accepted to JSLS.
  10. Altunrende F, **White MA**, Autorino R, Angermeier KW, Wood HM. Large Symptomatic Periurethral Cystic Lesion in a Male. *Urology*. 2011 Jul;78(1):56-7.
  11. Altunrende F, Autorino R, Hillyer SP, Yang B, Laydner HK, **White MA**, Khanna R, Spana G, Isac W, Stein RJ, Haber GP, O'Malley CM, Remer EM, Kaouk JH. Image Guided Percutaneous Probe Ablation for Renal Tumors in 65 Solitary Kidneys: Functional and Oncological Outcomes. *J Urol*. 2011 Jul;186(1):35-41
  12. Khanna R, **White MA**, Autorino R, Laydner HK, Isac W, Yang B, Altunrende F, Hillyer SP, Spana G, Haber GP, Kaouk JH, Stein RJ. Selection of a Port for Use in Laparoendoscopic Single-site Surgery. *Curr Urol Rep*. 2011 Apr;12(2):94-9.

13. **White MA**, Autorino R, Spana G, Laydner H, Hillyer S, Khanna R, Yang B, Altunrende F, Wahib I, Stein RJ, Haber GP, Kaouk JH. Robotic Laparoendoscopic Single-Site Radical Nephrectomy: Surgical Technique and Comparative Outcomes. *Eur Urol*. 2011 May;59(5):815-22
14. **White MA**, Haber GP, Autorino R, Khanna R, Forest S, Yang B, Altunrende F, Stein RJ, Kaouk JH. Outcomes of Robotic Partial Nephrectomy for Renal Masses with a Nephrometry score  $\geq 7$ . *Urology*. 2011 Apr;77(4):809-13
15. Altunrende F, Autorino F, Laydner H, **White MA**, Khanna R, Yang B, Hillyer S, Wahib I, Spana G, Stein RJ, Haber GP, Kaouk JH. Robot Assisted Laparoscopic Partial Nephrectomy: Techniques and Outcomes. *Arch Esp Urol*. 2011 May;64(4):325-336
16. **White MA**, Haber GP, Autorino R, Khanna R, Forest S, Yang B, Altunrende F, Stein RJ, Kaouk JH. Robotic Laparoendoscopic Single-Site Radical Prostatectomy: Technique and Early Outcomes. *Eur Urol*. 2010 Oct;58(4):544-50.
17. **White MA**, Haber GP, Autorino R, Khanna R, Forest S, Yang B, Altunrende F, Stein RJ, Kaouk JH. Robotic Laparoendoscopic Single-Site Surgery. *BJU Int*. 2010 Sep;106(6 Pt B):923-7.
18. Autorino R, Haber GP, **White MA**, Khanna R, Altunrende F, Yang B, Forest S, Stein RJ, Kaouk JH. NOTES and hybrid NOTES: current clinical experience. *BJU Int*. 2010 Sep;106(6 Pt B):919-22.
19. Khanna R, Autorino R, **White MA**, Laydner H, Forest S, Altunrende F, Yang B, Haber GP, Stein RJ, Kaouk JH. Laparoendoscopic Single Site Surgery: Current Clinical Experience. *BJU Int*. 2010 Sep;106(6 Pt B):897-902.
20. Haber GP, **White MA**, Autorino R, Escobar P, Kroh MD, Chalikonda S, Khanna R, Forest S, Yang B, Altunrende F, Stein RJ, Kaouk JH. Novel da Vinci Robotic Instruments for Laparoendoscopic Single-Site Surgery. *Urology*. 2010 Dec;76(6):1279-82
21. Kaouk JH, Goel RK, **White MA**, White WM, Haber GP, Autorino R, Campbell SC. Laparoendoscopic Single-Site Radical Cystectomy and Pelvic Lymph Node Dissection: Initial Experience and Two Year Follow-up. *Urology*. 2010 Oct;76(4):857-61.
22. Autorino R, Khanna R, **White MA**, Haber GP, Shah G, Stein RJ. Laparoendoscopic Single-Site Repair of Retrocaval Ureter: First Case Report. *Urology*. 2010 Dec;76(6):1501-5

23. Haber GP, White WM, Crouzet S, **White MA**, Forest S, Autorino R, Kaouk JH. Robotic Versus Laparoscopic Partial Nephrectomy: Single Surgeon Matched Cohort Study of 150 Patients. *Urology*. 2010 Sep;76(3):754-8.
24. Autorino R, Borges C, **White MA**, Haber GP, De Sio M, Khanna R, Forest S, Stein RJ, Kaouk RJ. How is the Quality of Randomized Clinical Trials Presented at the World Congress of Endourology Meeting? *J Endourol*. 2010 Dec;24(12):2067-73
25. Autorino R, Haber GP, Stein RJ, Rane A, De Sio M, **White MA**, Yang B, de la Rosette JJ, Kaouk JH, Laguna MP. Laparoscopic Training In Urology: Critical Analysis of the Current Evidence. *J Endourol*. 2010 Sep;24(9):1377-90.
26. Autorino R, Stein R J, Lima E, Damiano R, Khanna R, Haber GP, **White MA**, Kaouk JH. Current status and future perspectives in laparoendoscopic single-site and natural orifice transluminal endoscopic urological surgery. *Int J Urol*. 2010 May;17(5):410-31.
27. Autorino R, Haber GP, **White MA**, Stein RJ, Kaouk JH: New Developments in Renal Focal Therapy. *J Endourol*. 2010 May;24(5):665-72.
28. **White MA**, DeHaan AP, Stephens DD, Maes AA, Maatman TJ: Validation of the IDEAL® Adult Ureteroscopy Trainer: A High-Fidelity Ureteroscopy and Renoscopy Simulator. *J Urology* 2010 Feb;183(2):673-77.
29. **White MA**, Haber GP, Kaouk JH: Single-Site Robotic Surgery. *Curr Opin Urol*. 2010 Jan;20(1):86-91.
30. **White MA**, DeHaan AP, Wilson M, Zakem MH, Maatman TJ: Presentation of Synchronous Advanced Pure Seminoma and Diffuse Large B-Cell Lymphoma: A Case of Multiple Oncologic Dilemmas. *Journal of Clinical Oncology* 2009; Nov 10;27(32):181-3.
31. **White MA**, DeHaan AP, Maatman TJ: Postoperative Hemorrhage Following Robotic Assisted Laparoscopic Prostatectomy Controlled With External Penile Compression. *Journal of Robotic Surgery* 2009; 3(2): 95-97.
32. **White MA**, DeHaan AP, Stephens DD, Maatman TK, Maatman TJ: Comparative Analysis of Surgical Margins Between Radical Retropubic Prostatectomy and Robotic Assisted Laparoscopic Prostatectomy: Are Patients Sacrificed During the Initiation of a Robotics Program? *Urology* 2009; 73(3): 567-571.
33. Kim SS, Kolon TF, Canter D, **White M**, Casale P: Pediatric Flexible Ureteroscopic Lithotripsy: The Children's Hospital of Philadelphia Experience. *J Urol*. 2008 Dec;180(6):2616-2619.

34. Kutikov A, Casale P, **White MA**, Meyer WA, Chang A, Gosablez R, Canning DA: Testicular Compartment Syndrome: A New Approach to Conceptualizing and Managing Testicular Torsion. *Urology*. 2008 Oct;72(4):786-789.
35. **White MA** and Maatman TJ: Comparative Analysis of the Effectiveness of Two Local Anesthetic Techniques in Men Undergoing No-Scalpel Vasectomy. *Urology*. 2007 Dec;70(6):1187-1189.
36. **White MA**, Kepros JP, Zuckerman LJ: Bilateral Partial Ureteropelvic Junction Disruption After Blunt Trauma Treated with Indwelling Ureteral Stents. *Urology*. 2007 Feb;69(2):284.
37. **White MA** and Shockley KF: Adrenocortical Carcinoma with Renal Vein Invasion in a Woman with a Horseshoe Kidney. *Urology*. 2006 Nov;68(5):1119-20.
38. **White MA** and Maatman TJ: A Community Based Hospital's Experience with Saturation Prostate Biopsy: Is There an Increased Risk of Intraoperative Complications? *Southwest Michigan Medical Journal*. 2006 Oct;3(4):24-27.

### **Presented Research**

**Poster Presentation:** Robotic Laparoendoscopic Single-Site Radical Nephrectomy Versus Conventional Laparoscopic Radical Nephrectomy: Comparison of Perioperative Outcomes. American Urological Association Annual Meeting Washington DC, May 2011.

**Video Presentation:** Robotic Partial Nephrectomy Following Neoadjuvant Tyrosine Kinase Inhibitor Treatment. American Urological Association Annual Meeting Washington DC, May 2011.

**Video Presentation:** Athermal Nerve Sparing Robotic Laparoendoscopic Single-Site Radical Prostatectomy. American Urological Association Annual Meeting Washington DC, May 2011.

**Video Presentation:** Access Techniques for Robotic Laparoendoscopic Single-Site Surgery. American Urological Association Annual Meeting Washington DC, May 2011.

**Poster Presentation:** Combined Transcolonic/Transvesical NOTES Nephrectomy: Initial Animal Investigation. World Congress of Endourology. Chicago IL, August 31, 2010.

**Video Presentation:** Robotic Partial Nephrectomy: Cumulative Single Center Experience with 175 Consecutive Cases. World Congress of Endourology. Chicago IL, September 1, 2010.

**Video Presentation:** Outcomes of Robotic Partial Nephrectomy in Patients with Challenging Renal Masses. World Congress of Endourology. Chicago Il, September 1, 2010.

**Video Presentation:** Robotic Laparoendoscopic Single-Site Nephrectomy. World Congress of Endourology. Chicago Il, September 1, 2010.

**Poster Presentation:** Outcomes of Robotic Partial Nephrectomy for Renal Masses with a Nephrometry score  $\geq 7$ . World Congress of Endourology. Chicago Il, September 2, 2010.

**Poster Presentation:** Robotic Laparoendoscopic Single-Site Radical Prostatectomy: Technique and Early Outcomes. World Congress of Endourology. Chicago Il, September 2, 2010.

**Poster Presentation:** Robotic Laparoendoscopic Single-Site Surgery: A Single Centers Cumulative Experience.. World Congress of Endourology. Chicago Il, September 2, 2010.

**Video Presentation:** VeSPA Robotic Platform for Robotic Laparoendoscopic Single-Site Surgery: Initial Animal Investigation. World Congress of Endourology. Chicago Il, September 2, 2010.

**Video Presentation:** Robotic Laparoendoscopic Single-Site Radical Prostatectomy. World Congress of Endourology. Chicago Il, September 3, 2010.

**Video Presentation:** Robotic Single Port Prostatectomy. American Urological Association Annual Meeting. San Francisco CA, May 31, 2010.

**Poster Presentation:** Robotic Laparoendoscopic Single-Site Surgery: Single Center Cumulative Experience. American Urological Association Annual Meeting. San Francisco CA, May 31, 2010.

**Poster Presentation:** Robotic Partial Nephrectomy: Single Center Cumulative Experience. American Urological Association Annual Meeting. San Francisco CA, May 31, 2010.

**Poster Presentation:** Pure NOTES Transvaginal Nephrectomy. Engineering and Urology Society Annual Meeting. San Francisco CA, May 30, 2010.

**Poster Presentation:** Outcomes of Robotic Partial Nephrectomy for Complex Renal Masses with a Nephrometry score  $\geq 7$ .. Engineering and Urology Society Annual Meeting. San Francisco CA, May 30, 2010.

**Video Presentation:** VeSPA Robotic Platform for Robotic Laparoendoscopic Single-Site Surgery: Initial Animal Investigation. 2<sup>nd</sup> Annual Single Port Laparoscopy, Robotics, and NOTES Surgery Course. Cleveland, OH, May 14, 2010.

**Podium Presentation:** Robotic Laparoendoscopic Single-Site Surgery: Cumulative Experience. World Robotic Urology Symposium. Orlando, Fl, April 11,2010. 2010.

**Podium Presentation:** Da Vinci Partial Nephrectomy-Is Use of a Laparoscopic Satinsky Clamp Safe and Effective for Hilar Control? World Robotic Urology Symposium. Orlando, Fl, April 11,2010.

**Podium Presentation:** Face, Content, and Construct Validity of the IDEAL Adult Ureteroscopy Trainer: A High-Fidelity Ureteroscopy and Renoscopy Simulator. American Urological Association Annual Meeting. Chicago, Il 2009.

**Poster Presentation:** Comparative Analysis of Surgical Margins Between Radical Retro-pubic Prostatectomy and Robotic Assisted Laparoscopic Prostatectomy: Are Patients Sacrificed During the Initiation of a Robotics Program? International Robotic Urologic Symposium. Las Vegas, NV 2009.

**Podium Presentation:** Comparative Analysis of the Effectiveness of Two Local Anesthetic Techniques in Men Undergoing No-Scalpel Vasectomy. Western Michigan Urologic Meeting. Grand Rapids, MI 2007

**Podium Presentation:** A Community Based Hospital's Experience with Saturation Prostate Biopsy: Is There an Increased Risk of Intraoperative Complications? West Michigan Urologic Convention/ Pelvic Floor Symposium. Grand Rapids, MI 2006

**Poster presentation:** Case Report: Traumatic Bilateral UPJ Disruption Secondary to a Fall. Annual MSU Surgery Research Day Lansing, MI 2005

**Poster presentation:** Integration of Patient Care. The American Geriatrics Society, Annual Meeting. Chicago, Il May 2001

### **Published Abstracts**

**White MA,** Spana G, Hillyer SP, Autorino R, Khanna R, Yang B, Laydner H, Altunrende F, Isac W, Stein RJ, Haber GP, Kaouk JH. Robotic laparoendoscopic single-site radical nephrectomy versus conventional laparoscopic radical nephrectomy: A comparison of perioperative outcomes. The Journal of Urology 2011 April;185:e351

**White MA,** Autorino R, Spana G, Khanna R, Hillyer SP, Yang B, Laydner H, Altunrende F, Isac W, Stein RJ, Haber GP, Kaouk JH. Athermal NS Robotic Laparoendoscopic single-site radical prostatectomy. The Journal of Urology 2011 April;185:e491-492

**White MA,** Spana G, Hillyer SP, Rini BI, Campbell SC, Kaouk JH. Robotic Partial Nephrectomy Following Neoadjuvant Tyrosine Kinase Inhibitor Treatment. The Journal of Urology 2011 April;185:e412

**White MA**, Haber GP, Autorino R, Khanna R, Forest S, Stein RJ, Kaouk JH. Robotic Laparoendoscopic Single Site Surgery (R-LESS): Single Center Cumulative Experience. The Journal of Urology 2010 April;183:e351-e352.

**White MA**, Haber GP, Khanna R, Autorino R, Forest S, Stein RJ, Kaouk JH. Single Port Robotic Radical Prostatectomy. The Journal of Urology 2010 April;183:e188.

**White MA**, White WM, Haber GP, Khanna R, Autorino R, Forest S, Stein RJ, Kaouk JH. Robotic Partial Nephrectomy: Cumulative Single Center Experience with 130 Consecutive Cases. The Journal of Urology 2010 April.

Haber GP, White WM, Khanna R, **White MA**, Autorino R, Crouzet S, Forest S, Kaouk JH. Robotic Versus Laparoscopic Partial Nephrectomy. The Journal of Urology 2010 April;183:e355.

Haber GP, Autorino R, **White MA**, Khanna R, Forest S, Stein RJ, Kaouk JH. Robotic Upper Pole Partial Nephrectomy With En-Bloc Adrenalectomy The Journal of Urology 2010 April;183:e299.

Autorino R, Haber GP, **White MA**, White WM, Khanna R, Forest S, Stein RJ, Kaouk JH. LESS: The Cleveland Clinic Experience With 140 Cases. The Journal of Urology 2010 April;183:e352-e353.

**White MA**, White WM, Haber GP, Goel, Crouzet S, Kaouk JH: Single port laparoscopic surgery in the obese population feasibility and comparative outcomes. World Congress of Endourology. Munich Germany 2009.

**White MA**, DeHaan AP, Stephens DD, Richard J Kahnoski. Face, Content, and Construct Validity of the IDEAL Adult Ureteroscopy Trainer: A High-Fidelity Ureteroscopy and Renoscopy Simulator. The Journal of Urology 2009 April;181:792-793.

Canter D, Kim S, **White M**, Kolon TF, Balandra A, Casale P: Ureteroscopic Treatment of Ureteral and Renal Lithiasis is Technically Feasible and Efficacious in the Pediatric Population. Journal of Urology. 2008 Apr;179(4): Supplement 1 384-384.

**White MA**, Stevens GD, Burton LC: Integration of Patient Care. Journal of The American Geriatrics Society. 2001 Apr;49(4):S155-S155:459.

### **Book Chapters**

**White MA**, Stein RJ (In Press). Instrumentation. ScarLESS Surgery: NOTES, Transumbilical, and Others, 1<sup>st</sup> edn. Media, PA.

**White MA**, Kaouk JH (In Press). Laparoendoscopic Single-Site Retroperitoneal Surgery. In:Retroperitoneal Robotic and Laparoscopic Surgery, 1<sup>st</sup> edn. New York, NY.

**White MA**, Kaouk JH (In Press). LESS: Ports, Access and Instrumentation. Smith's Textbook of Endourology, 3<sup>rd</sup> edn. New York, NY.

**White MA**, Khanna R, Kaouk JH (In Press). Robotic Laparoendoscopic Single-Site Surgery: Why, When and Where are We? Textbook of Robotic Surgery, 1<sup>st</sup> edn. New York, NY

### **Video Projects**

**White MA**, Kaouk JH. Robotic Partial Nephrectomy.

Operative Manual of Robot-Assisted Urologic Surgery, 1<sup>st</sup> edn. Buffalo, NY 2010.

**White MA**, Kaouk JH. Single-Port Robotic Radical Prostatectomy.

Operative Manual of Robot-Assisted Urologic Surgery, 1<sup>st</sup> edn. Buffalo, NY 2010.

### **Volunteer Activities**

Cleveland Clinic Minority Health Fair Sept 2009, 2010

Metro Health Breton Indigent Chief Resident Urology Clinic July 2008-June 2009

Metro Health Annual Community Prostate Screening 2006, 2007, 2008, 2009

Sheridan Hospital Community Prostate Screening 2007

Carson City Hospital Community Prostate Screening 2007

### **Interests**

Family, Reading, Skiing, Backpacking, Kayaking, Golf