

## CURRICULUM VITAE

**Date of Revision: 01/26/2014**

**Name:** Piruz Motamedinia, M.D.

**Proposed for Promotion to:** Appointment to Assistant Professor, Department of Urology  
Traditional Track

**Term:** Primary Appointment: *beginning July 1, 2015*

**School:** Yale University School of Medicine and the Graduate School

**Reason for Promotion:** (to be written by department chair or section chief; inserted after candidate submits materials to Department)

### **Education:**

B.S. University of California, Los Angeles (Physiologic Science) 2003

M.D. Yeshiva University, Albert Einstein College of Medicine 2008

### **Career/Academic Appointments:**

2008-09 Intern, General Surgery, Columbia University Medical Center, New York, NY

2009-13 Resident, Urology, Columbia University Medical Center, New York, NY

2013-14 Chief Resident, Urology, Columbia University Medical Center, New York, NY

2014-15 Fellow, Endourology, North Shore-Long Island Jewish Hospital, New Hyde Park, NY

### **Board Certification:**

American Board of Urology, Board Eligible 2017

### **Professional Honors & Recognition**

#### **International/National/Regional**

2012: AUA, New York Section. Ferdinand C. Valentine Essay Finalist, Basic Science

2010: AUA, New York Section. Ferdinand C. Valentine Essay Finalist, Clinical Research

### **Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:**

#### **International/National**

2015: Annual Meeting, American Urological Association, New Orleans, LA. "En block bladder tumor resection: back to oncologic basics."

2015: Annual Meeting, American Urological Association, New Orleans, LA. "Does peak inspiratory pressure increase in the prone position? An analysis of BMI."

2015: Annual Meeting, American Urological Association, New Orleans, LA. "The modern era struvite stone: patterns of urinary infection and colonization."

2015: Annual Meeting, American Urological Association, New Orleans, LA. "Can activities of daily living predict for complications following percutaneous nephrolithotomy?"

- 2013: Annual Meeting, American Urological Association, San Diego, CA. “Evaluation of urinary exosomes in bladder cancer patients.”
- 2013: Annual Meeting, American Urological Association, San Diego, CA. “Urinary exosomal RNA provides a non-invasive way to accurately detect PCA3 expression in men undergoing evaluation for prostate cancer.”
- 2013: Annual Meeting, American Urological Association, San Diego, CA. “The natural variation of PCA3 scores – is one enough?”
- 2012: Annual Meeting, American Urological Association, Atlanta, GA. “Preoperative urinary exosome detection of TMPRSS2:ERG mRNA closely correlates with tissue expression at radical prostatectomy”
- 2012: Annual Meeting, American Urological Association, Atlanta, GA. “Necessity of confirmatory prostate biopsy to insure accurate eligibility for active surveillance”
- 2012: Annual Meeting, American Urological Association, Atlanta, GA. “Impact of minimally invasive surgery on contemporary open prostatectomy”
- 2012: Annual Meeting, American Urological Association, Atlanta, GA. “The novel use of urinary exosomes to examine Survivin expression in castration resistant prostate cancer”
- 2012: Annual Meeting, American Urological Association, Atlanta, GA. “The impact of minimally invasive care pathway on contemporary open partial nephrectomy”
- 2012: Annual Meeting, American Urological Association, Atlanta, GA. “Routine transition zone biopsy during active surveillance for prostate cancer rarely provides unique evidence of disease progression”
- 2012: Annual Meeting, Engineering Section, American Urological Association, Atlanta, GA. “Is there a difference in laterality during robot assisted radical prostatectomy? Assessment of lymph node yield and neurovascular bundle dissection”
- 2012: Annual Meeting, Genito-Urinary Section, American Society of Clinical Oncology, San Francisco, CA. “Urinary exosomes as a stable source of mRNA for prostate cancer analysis”
- 2010: Annual Meeting, American Urological Association, San Francisco, CA. “Minimizing radiation exposure during percutaneous nephrolithotomy”
- 2007: Annual Meeting, American Urological Association, Anaheim, CA. “Increasing body mass index is not an independent predictor of outcome following radical prostatectomy”

## **Professional Service**

**Professional Service for Professional Organizations:**

***American Urological Association***

2007-present Member

**Bibliography:**

**Peer-Reviewed Original Research**

1. Siev M, **Motamedinia P**, Hoenig D, Smith AD, Okeke Z. Does the peak inspiratory pressure increase in the prone position? An analysis related to BMI. *J Urol*. 2015 May, 14.
2. Keheila M, Leavitt D, Galli R, **Motamedinia P**, Theckumparampil N, Siev M, Hoenig D, Smith A, Okeke Z. Percutaneous Nephrolithotomy in the Super Obese (BMI  $\geq$  50):Overcoming the Challenges. *BJU Int*. 2015 Apr 18. E publication
3. Woldu SL, Weinberg AC, Bergman A, Shapiro EY, Korets R, **Motamedinia P**, Badani KK. Pain and analgesic use after robot-assisted radical prostatectomy. *J Endourol* 2014, 28(5):544-8
4. Lipsky MJ, Badalato G, **Motamedinia P**, Hrubby GW, McKiernan JM. The effects of fibrin clot inhibitors on the immunomodulatory efficacy of Bacillus Calmette-Guerin therapy for non-muscle invasive bladder cancer. *Urology* 2012, 80(5):1070-4.
5. RiChard JL, **Motamedinia P**, McKiernan JM, DeCastro GJ, Benson MC. Routine transition zone biopsy during active surveillance for prostate cancer rarely provides unique evidence of disease progression. *J Urol* 2012, 188(6):2177-82.
6. **Motamedinia P**, RiChard JL, McKiernan JM, DeCastro GJ, Benson MC. Role of immediate confirmatory prostate biopsy to ensure accurate eligibility for active surveillance. *Urology* 2012, 80(5):1070-4.
7. Lipsky MJ, **Motamedinia P**, Ko WJ, Hrubby G, Badani KK. Is there a Difference in Laterality during Robot Assisted Radical Prostatectomy? Assessment of Lymph Node Yield and Neurovascular Bundle Dissection. *J Endourol* 2012, 26(9):1142-6
8. Silva MV, **Motamedinia P**, Badalato GM, Hrubby G, McKiernan JM. Diagnostic radiation exposure risk in a contemporary cohort of male patients with germ cell tumor. *J Urol* 2012, 187(2):482-6.
9. Korets R, **Motamedinia P**, Yeshchina O, Desai M, McKiernan JM. Accuracy of the Kattan nomogram across prostate cancer risk-groups. *BJU Int* 2011, 108(1):56-60.
10. Phillips CK, Hrubby GW, Mirabile G, **Motamedinia P**, Lehman DS, Okhunov Z, Singh H, Schwartz M, Benson MC, Landman J. Erythropoietin-induced optimization of renal function after warm ischemia. *J Endourol* 2009, 23(3):359-65.
11. **Motamedinia P**, Korets R, Spencer BA, Benson MC, McKiernan JM. Body Mass Index Trends and Role of Obesity in Predicting Outcome After Radical Prostatectomy. *Urology* 2008, Vol 72 (5):1106.

12. Phillips CK, Hruby GW, Mirabile G, **Motamedinia P**, Durak E, Lehman DS, Hong PW, Landman J. The effect of intraluminal content on the bursting strength of vessels ligated with the harmonic ACE and LigaSure V. *J Endourology* 2008, 22(6):1383.

### Chapters, Books, and Reviews

13. **Motamedinia P**, Okhunov Z, Okeke Z, Smith AD Contemporary assessment of renal stone complexity using cross-sectional imaging. *Curr Urol Rep* 2015, 16(4): 494
14. **Motamedinia P**, Korets R, Badalato G, Gupta M. Perioperative cultures and the role of antibiotics during stone surgery. *Transl Androl Urol* 2014, 3(3):297-301.
15. Cortes JA, **Motamedinia P**, Gupta M. Update on technological and selection factors influencing shockwave lithotripsy of renal stones in adults and children. *Curr Opin Urol* 2011, 21(2):134-40.