

# ALEXEI WEDMID, M.D.

## EMPLOYMENT

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2011-Present     **UROLOGY GROUP OF PRINCETON**  
281 WITHERSPOON STREET, SUITE 100 • PRINCETON, NJ 08540  
WORK: 609-924-6487

## EDUCATION & POSTGRADUATE TRAINING

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2010-2011     **University of Pennsylvania School of Medicine**     Philadelphia, PA  
*Fellow, Robotic-Assisted Minimally Invasive Urology*

2006-2010     **Mount Sinai School of Medicine**     New York, NY  
*Resident, Department of Urology*

2005-2006     **Mount Sinai School of Medicine**     New York, NY  
*Intern, Department of General Surgery*

2001-2005     **New York University School of Medicine**     New York, NY  
*M.D., May 2005*

1996-2001     **Dartmouth College**     Hanover, NH  
*B.A. in Engineering Sciences modified with Biology, Magna Cum Laude*

- Phi Beta Kappa (National Liberal Arts) Honors Society
- Tau Beta Pi (National Engineering) Honors Society.

1992-1996     **Bridgewater-Raritan High School**     Bridgewater, NJ

## LICENSURE & BOARD CERTIFICATION

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<b>New Jersey Medical Licensure</b>	2011-Present
<b>Pennsylvania Medical Licensure</b>	2010-Present
<b>New York Medical Licensure</b>	2006-2010
<b>American Board of Urology</b>	Written Boards 2010 Oral Boards Pending 2013

## PROFESSIONAL SOCIETIES

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**American Urologic Society (AUA)**  
**Endourological Society**  
**New Jersey Medical Society**

## RESEARCH EXPERIENCE

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2000, 2001     **Beth Israel Deaconess Medical Center at Harvard Medical School**     Boston, MA  
1) MRI Perfusion analysis in stroke victims  
2) MRI Analysis determining effectiveness of anti-angiogenesis drugs in tumors

1999-2000     **Thayer School of Engineering at Dartmouth College**     Hanover, NH  
Protein enzyme synthesis in bacteria for sustainable, commercial plastic production

1998-1999     **Oxford Magnet Technology**     Oxford, England  
Cryogenic modeling of pulse tube refrigeration in MRI.

## CLINICAL EXPERIENCE

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2001-2005     **NYU Free Clinic**     New York, NY

2002     **Children Of Chernobyl Relief Fund**     Kyiv, Ukraine

## PUBLICATIONS

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- Karlin Bark, William McMahan, Austin Remington, Jamie Gewirtz, **Alexei Wedmid**, David I Lee, Katherine J Kuchenbecker. *In Vivo Validation of a Novel Haptic System to Provide Vibrotactile and Auditory Feedback of Tool Vibrations During Robotic Surgery*. In submission to **Journal of Urology**.
- David I Lee, **Alexei Wedmid**, Pierre Mendoza, Saurabh Sharma, Mary Walicki, Rachel Hastings, Kelly Monahan, Alysya Granata, Daniel Eun. *Bladder Neck Plication Stitch: A Novel Technique during Robot Assisted Radical Prostatectomy (RARP) to Improve Recovery of Urinary Continence*. Accepted to **Journal of Endourology**
- **Alexei Wedmid**, Pierre Mendoza, Saurabh Sharma, Rachel Hastings, Kelly Monahan, Mary Walicki, Thomas Ahlering, James Porter, Erik P Castle, Faisal Ahmed, Jason D Engel, Harold A Frazier II, Daniel Eun, David I Lee. *Rectal Injury During Robot Assisted Radical Prostatectomy (RARP): Incidence and Management*. Accepted to **Journal of Urology**, November 2011.
- Joshua Stern, Saurabh Sharma, Pierre Mendoza, Mary Walicki, Rachel Hastings, Kelly Monahan, Baber Sheikh **Alexei Wedmid**, David I Lee. *Surgeon Perception Is Not a Good Predictor of Peri-operative Outcomes in Robot Assisted Radical Prostatectomy*. Accepted to **Journal of Robotic Surgery**
- **Alexei Wedmid**, Elton Llukani, David I Lee. *Future Perspectives in Robotic Surgery*.. Accepted to **BJU International**, September 2011: Robotics in Urology edition.
- William McMahan, Jamie Gewirtz, Dorsey Standish, Paul Martin, Jacquelyn Kunkel, Magalie Lilavois, **Alexei Wedmid**, David I. Lee, and Katherine J. Kuchenbecker. *Tool contact acceleration feedback for telerobotic surgery*. Accepted to **IEEE Transactions on Haptics, Special Issue on Haptics in Medicine and Clinical Skills Acquisition**, 2011.
- **Alexei Wedmid**, Michael A. Palese. *Complications of Laparoscopic Donor Nephrectomy* (book chapter). **Complications of Laparoscopic and Robotic Urologic Surgery**. 1st Edition., 2010. Ghavamian(Ed.) [ISBN: 978-1-60761-675-7]
- **Alexei Wedmid**, Michael A. Palese. *Diagnosis and Treatment of the Adrenal Cyst*. **Current Urology Reports**. Jan 2010; 11(1). [PMID: 20425637]
- Timothy A. Masterson, **Alexei Wedmid**, Jaspreet S. Sandhu, James A. Eastham. *Outcomes after Radical Prostatectomy in Men Receiving Prior Pelvic Radiation for Non-Prostate Malignancies*. **BJU International**. Aug 2009; 104(4), 482-5. [PMID: 19239447]
- **Alexei Wedmid**, Timothy A. Masterson, Robert G. Maki, Paul Russo. *A Case of High-Risk Penile Epithelioid Hemangioendothelioma*. **Nature Reviews Urology**. Apr 2009; 6(4), 223-7. [PMID: 19352397]
- Leo J. Wolansky, Viswanathan Rajaraman, Cheemun Lum, Kay Park, Thomas F. Fiorito, Samir Patel, Wen-Ching Liu, **Alexei Wedmid**. *Water-suppression MRI. Role in the evaluation of osseous lesions*. **Clinical Imaging**. 1999. 23:(5), 319-326. [PMID: 10665351]

## ABSTRACTS & PRESENTATIONS

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- W McMahan, K Bark, J Gewirtz, D Standish, PD Martin, JA Kunkel, M Lilavois, **A Wedmid**, DI Lee, KJ Kuchenbecker. *Tool Vibration Feedback May Help Expert Robotic Surgeons Apply Less Force During Manipulation Tasks*.. **Hamlyn Symposium on Medical Robotics**. United Kingdom, June 2011.
- L Stansell, N Sachedina, Y Veltman, **A Wedmid**, D Lee, D Eun. *Technique of Pure Robotic Nephroureterectomy Using a Single Docking Approach*. **2011 AUA Annual Meeting**. Moderated Poster Presentation #934, May 2011.
- W McMahan, J Gewirtz, D Standish, P Martin, J Kunkel, M Lilavois, **A Wedmid**, DI Lee, and K J Kuchenbecker. *Tool contact acceleration feedback for robotic minimally invasive surgery*. **2011 AUA Annual Meeting**. Moderated Poster Presentation #931, May 2011. Awarded Best Poster of Session.
- **A Wedmid**, P Mendoza, D Lee, et al. *Rectal Injury During Robotic Assisted Radical Prostatectomy: Incidence and Management*. **2010 World Congress on Endourology**. Scientific Session Presentation, Sept 2010.
- **A Wedmid**, P Mendoza, D Lee, et al. *High PSA is a Predictor of Poor Pathological Outcomes Following Robotic Assisted Radical Prostatectomy (RARP)*. **2010 World Congress on Endourology**. Scientific Session Presentation, Sept 2010.
- **A Wedmid**, P Mendoza, D Lee, et al. *Bladder Neck Plication Stitch: A Novel Technique During Robot Assisted Radical*

*Prostatectomy (RARP) to Improve Recovery of Urinary Continence.* **2010 Mid Atlantic AUA, PA.** Moderated Poster Presentation, Sept 2010.

- **A Wedmid**, P Mendoza, D Lee, et al. *Surgical Waiting Time > 6 Months May Alter Pathologic Outcomes After Robotic Assisted Radical Prostatectomy.* **2010 Mid Atlantic AUA, PA.** Moderated Poster Presentation, Sept 2010.
- **A Wedmid**, P Mendoza, D Lee, et al. *Rectal Injury During Robotic Assisted Radical Prostatectomy: Incidence and Management.* **2010 World Congress on Endourology.** Moderated Poster Presentation, Sept 2010.
- **A Wedmid**, P Mendoza, D Lee, et al. *Bladder Neck Plication Stitch: A Novel Technique During Robot Assisted Radical Prostatectomy to Improve Recovery of Urinary Continence.* **2010 World Congress on Endourology.** Moderated Poster Presentation, Sept 2010.
- **A Wedmid**, P Mendoza, D Lee, et al. *Surgical Waiting Time > 6 Months May Alter Pathologic Outcomes After Robotic Assisted Radical Prostatectomy.* **2010 World Congress on Endourology.** Moderated Poster Presentation, Sept 2010.
- K. Kuchenbecker, **A Wedmid**, D Lee, et al. *VerroTouch: A Vibrotactile Feedback System for Minimally Invasive Robotic Surgery.* **2010 World Congress on Endourology.** Moderated Poster Presentation, Sept 2010.
- **A Wedmid**, G Disick, S Hall, M Palese. *Transurethral Microwave Dilatation of the Prostate for Management of Symptomatic Benign Prostatic Hyperplasia (6 month data).* **2007 Society Laparoendoscopic Surgeons Annual Meeting.** Poster Presentation, Sept 2007.
- **A Wedmid.** *Transurethral Microwave Dilatation of the Prostate for Management of Symptomatic Benign Prostatic Hypertrophy (short term results).* **57<sup>th</sup> Annual Ferdinand Valentine Resident Essay, NY Section of AUA,** March 2007.
- **A Wedmid**, S Tancja. *The Role of PSA Velocity in the Management of Men with Negative Prostate Biopsy.* **2005 AUA Annual Meeting.** Poster Presentation Number 1467, March 2005.
- Alsop D, **Wedmid A**, Sevcik P, Choi G, Linfante I, Selim M, Llinas R, Horkan C, Schlaug G. *Quantitative mean transit time for tissue assessment in acute stroke.* **28<sup>th</sup> International Stroke Meeting.** Stroke 34:263, July 2003.
- D Alsop, **A Wedmid**, G Schlaug. *Defining a Local Input Function for Perfusion Quantification with Bolus Contrast MRI.* **Proceedings of the International Society for Magnetic Resonance in Medicine (ISMRM) 10th Scientific Meeting and Exhibition.** 10:659, March 2002.
- M Keogan, R Lenkinski, **A Wedmid.** *Perfusion Analysis of Endostatin in Hepatic Lesions.* **86<sup>th</sup> Radiology Society of North America Conference.** Nov 2000.