

## Northeastern Section of the American Urological Association 70th Annual Meeting, Toronto, ON, Canada

### Scientific Program

#### Thursday, October 11

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| 8:00–8:10 am      | Welcome remarks – NSUAU President<br>Gerald Sufrin, MD   | MP1-02 | Outcomes of endourologic intervention in patients with preoperative funguria   |
| 8:10–8:20 am      | Welcome – AUA President-Elect<br>John Lynch, MD  | MP1-03 | Cost-effectiveness of diagnostic approaches for evaluation of renal colic: Accounting for the risk of radiation  |
| 8:20–8:30 am      | Welcome – CUA Secretary<br>Hassan Razvi, MD  | MP1-04 | Thermal block of unmyelinated C-fibers in the tibial nerve of cats   |
| 8:30–9:00 am      | <b>Plenary 1</b><br><br>Is there a role for the urologist in the era of ART?<br>Craig Niederberger, MD, University of Illinois at Chicago  | MP1-05 | My first 100 Urolifts®: Prostatic urethral lift (PUL) results in the real-world setting  |
| 9:00–9:30 am      | <b>Resident debate 1</b><br><br>Moderator: Ahmed E. Ghazi, MD<br>Use of MRI as screening tool for prostate cancer in a patient with elevated PSA — worthwhile or just an added expense?  | MP1-06 | What defines a struvite stone?   |
| 9:30–10:30 am     | <b>Plenary 2</b><br><br>Artificial intelligence in urology: Alexa to Terminator, “Now you shall cut to heal!”<br>Khurshid Guru, MD, Roswell Park Comprehensive Cancer Center<br><br>The combined role of surgery and chemotherapy in the treatment of metastatic testicular cancer<br>Robert Hamilton, MD, Princess Margaret Cancer Center | MP1-07 | Aquablation of the prostate: Canadian experience   |
| 10:30–11:00 am    | <i>Break in exhibit hall – Hall opens</i>  | MP1-08 | Trends and predictors of 30-day readmissions following percutaneous nephrolithotomy in kidney stone formers and implications for readmission-based quality metrics |
| 11:00 am–12:30 pm | <b>Poster session 1</b><br><b>Basic Science, Best Practices, and Benign Disease</b><br>Moderators: Ronald G. Cercone, MD<br>Dean Elterman, MD  | MP1-09 | Readability metrics of postoperative patient education materials in urology  |
| MP1-01            | Convective water vapor thermal therapy: 3-year durable outcomes of a randomized controlled study for treatment of lower urinary tract symptoms due to benign prostatic hyperplasia   | MP1-10 | Safety of ureterolysis in the management of retroperitoneal fibrosis   |
|                   |  | MP1-11 | Hippo Yes-associated protein pathway contributes to renal epithelial dysfunction during obstructive uropathy   |
|                   |  | MP1-12 | Examining the appropriateness of new referrals to the urology outpatient clinic of a tertiary care pediatric hospital  |
|                   |  | MP1-13 | Urinary tract infections and duration of ureteric stenting following renal transplantation: Is time our enemy?   |
|                   |  | MP1-14 | Renal transplantation outcomes among patients with peritoneal dialysis catheters   |
|                   |  | MP1-15 | Comparison of antibiotic prophylaxis regimens prior to transrectal ultrasound-guided prostate biopsies at a tertiary academic Canadian teaching hospital           |
|                   |  | MP1-16 | Enhanced recovery after renal surgery: Initial results   |
|                   |  | MP1-17 | Current publication trends in urology literature   |
|                   |  | MP1-18 | Effects of testosterone enanthate on markers of cardiovascular risk: Results from the STEADY trial   |

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| MP1-19 | Results of a 26-week safety study of concentration-guided, subcutaneous, self-administered testosterone enanthate auto-injector in adult males with testosterone deficiency (TD)         | MP2-14        | A bibliometric analysis of pediatric renal transplantation literature   |
| MP1-20 | Interprofessional teleurology care in rural Northern Ontario: Lessons from patients and relatives  | MP2-15        | What can we learn from an innocent bystander? Contralateral linear growth patterns in children with hydronephrosis  |
| MP1-21 | Learner-faculty feedback and reflective practice in a rural urology clinic   | MP2-16        | Is renal linear growth a good marker for contralateral compensatory hypertrophy in patients with unilateral congenital kidney anomalies?  |
|        | <b>Poster Session 2<br/>Pediatrics and Trauma</b><br>Moderators: Douglas A. Canning, MD<br>Jeanne H. O'Brien, MD   | MP2-17        | Inverted kidney: Single-center experience with "upside down" positioning of renal allograft during pediatric transplantation  |
| MP2-01 | Testicular microlithiasis and testicular cancer in a young cohort: When the disease shows up first... the diagnostic value of a possible indicator of malignancy remains questionable... | MP2-18        | Development of a standardized approach for the assessment of bowel and bladder dysfunction  |
| MP2-02 | Randomized control trial of transcutaneous stimulation of peripheral tibial nerve vs. hand stimulation in children with nocturnal enuresis   | MP2-19        | Lower urinary tract injury: Is urology consultation necessary?  |
| MP2-03 | The effect of oral steroids on postoperative complications in proximal hypospadias repair: A prospective, randomized, placebo-controlled study   | 12:30–1:30 pm | <i>Industry-sponsored lunch</i>   |
| MP2-04 | Robotic ureteropyelostomy for a lower pole ureteropelvic junction obstruction in a partially duplicated kidney   | 1:30–2:15 pm  | <b>Plenary 3</b><br>Computational pathology in the diagnosis of prostate cancer<br>John Tomaszewski, MD, University of Buffalo, Jacobs School of Medicine   |
| MP2-05 | Delayed presentation of posterior urethral valves  | 2:15–2:40 pm  | Have the limits of robotic-assisted radical prostatectomy been reached?<br>Jean Joseph, MD, University of Rochester   |
| MP2-06 | Does timeliness to appointments affect treatment outcome in children with bladder and bowel dysfunction?   | 2:40–2:50 pm  | <i>Section Stars 1 – Prize Essay Presentation</i>   |
| MP2-07 | Renal undifferentiated round cell sarcoma: CCSK in disguise?   | 2:50–3:15 pm  | History of the Northeastern Section<br>Ronald Rabinowitz, MD, University of Rochester   |
| MP2-08 | Expanded applicability of refluxing pyelo/ureterovesicostomy for primary and salvage definitive reconstruction in pediatric urology  | 3:15–3:45 pm  | <i>Exhibit hall break – Hall closes</i>   |
| MP2-09 | Improving operating room efficiency by decreasing turnover times using a dedicated "fastlane" protocol   | 3:45–4:30 pm  | <b>Plenary 4</b><br>Acute pyelonephritis in adults<br>Thomas Russo, MD, University at Buffalo-SUNY  |
| MP2-10 | Comparison of non-operative and operative management — our experience with penetrating and blunt renal injuries  | 4:30–5:15 pm  | Management of acute UTIs without antibiotics<br>J. Curtis Nickel, MD, Queen's University, Kingston  |
| MP2-11 | Refractory urinary and fecal incontinence in children: An assessment of needs  |               | <b>Plenary 5</b><br>A team, a coach and 5 years of collaboration: Progress and challenges ahead for children born with bladder exstrophy<br>Douglas A. Canning, MD, Children's Hospital of Philadelphia |
| MP2-12 | Assessment of risk factors for surgical complications in neonatal circumcision clinic  |               | More than meets the eye: A glimpse at the future of hydronephrosis management<br>Armando Lorenzo, MD, The Hospital for Sick Children  |
| MP2-13 | Tertiary center variability among Canadian pediatric urologists and pediatric surgeons in inguinal hernia repair   | 7:00–10:00 pm | <i>Fun night at the Hockey Hall of Fame</i>   |

## Friday, October 12

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| 7:30–9:00 am | <b>Poster Session 3</b><br><b>Oncology: Bladder, Renal, Testes</b><br>Moderators: Joseph Jacob, MD<br>John M. Rutkowski, MD   |        | <b>Poster Session 4</b><br><b>Female Urology/Incontinence, Infertility/Impotence/General Urology</b><br>Moderators: Yonah Krakowsky, MD<br>Stephen Steele, MD                                  |
| MP3-01       | Biopsy for small renal masses: histopathologic concordance with final kidney pathology and features predicting non-productive biopsy.   | MP4-01 | Postoperative analgesic requirements in endoscopic ambulatory surgery patients following belladonna and opium suppository administration   |
| MP3-02       | Aggressive end-of-life care in Medicare beneficiaries dying with bladder cancer   | MP4-02 | Dorsal onlay buccal mucosa graft in repair of radiated vesicourethral anastomotic strictures   |
| MP3-03       | Landscape of palliative care use among Medicare beneficiaries with bladder cancer   | MP4-03 | Defining hypogonadism using three different total testosterone cut points resulted in similarly improved post-clomiphene citrate semen analysis parameters in men with unexplained infertility |
| MP3-04       | Iron supplementation and anemia have independent prognostic value in localized renal cell carcinoma patients undergoing nephrectomy   | MP4-04 | Impact of fellowship training on hospital discharge data for women undergoing urinary incontinence procedures.   |
| MP3-05       | Unprecedented marketing for novel systemic kidney cancer therapy: Physician-directed money in the open payments database  | MP4-05 | Outcomes of a fragile urethra in men with multiple artificial urinary sphincter revisions  |
| MP3-06       | Comparison of upper tract urothelial carcinoma and bladder carcinoma survival: A SEER database analysis   | MP4-06 | UroLume removal, urethral preservation, and dorsal onlay buccal mucosa graft urethroplasty for recurrent urethral stricture: A multi-institutional experience                                  |
| MP3-07       | Factors associated with length of stay and discharge disposition for elective bladder cancer surgical admissions; A SPARCS analysis   | MP4-07 | Urodynamic findings of outlet obstruction in women with pelvic organ prolapse  |
| MP3-08       | Trends in age at diagnosis of bladder cancer in the United States: 2004–2015  | MP4-08 | Long-term outcomes of sacral neuromodulation: 23-year experience   |
| MP3-09       | The impact of pathologic upstage and outcomes for clinical non-muscle-invasive bladder cancer patients treated with robot-assisted radical cystectomy: Results from the International Robotic Cystectomy Consortium | MP4-09 | Predictors of revision surgery for penile prostheses: A high-volume, single-surgeon series   |
| MP3-10       | Discrepancy in clinical-pathologic stage in locally advanced bladder cancer: Results from the International Robotic Cystectomy Consortium   | MP4-10 | Trends in the usage of contrast allergy prophylaxis for endourologic procedures  |
| MP3-11       | Geo-mapping and spatial analysis of environmental exposures in patients with bladder cancer in Upstate New York: An exploratory study   | MP4-11 | Incidence and surgical management of concurrent adult acquired buried penis and urethral stricture disease   |
| MP3-12       | National trends in management of non-urothelial bladder cancer  | MP4-12 | Stones, space, and Dr. Abraham T. K. Cockett: A history of urolithiasis and aerospace medicine   |
| MP3-13       | Partial cystectomy confers a survival advantage over radical cystectomy for those patients with stage II or higher adenocarcinoma bladder cancer  | MP4-13 | Complete Y chromosome microdeletion: A case report and review of the literature  |
| MP3-14       | Spontaneously shrinking papillary renal cell carcinoma — an immunologic phenomenon?   | MP4-14 | OnabotulinumtoxinA is an effective and well-tolerated treatment for overactive bladder regardless of disease duration or body mass index   |
| MP3-15       | Quality improvement for venous thromboembolism in urologic surgery  | MP4-15 | Retreatment with onabotulinumtoxinA not associated with an increased risk of clean intermittent catheterization in patients with overactive bladder  |
| MP3-16       | Spectrum bias in the evaluation of hematuria  | MP4-16 | MRI of human bladder wall using intravesical novel contrast mixture: Applications in painful bladder syndrome/interstitial cystitis (PBS/IC)   |
| MP3-17       | Is there a gender difference in bladder tumor RNA signature?  | MP4-17 | Do different total testosterone cut points for hypogonadism impact male factor infertility parameters?   |

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| MP4-18         | 24-hour urine parameters in nephrolithiasis patients with obstructive sleep apnea   |                             | RIRS for renal calculi: What is the limit?<br>John Denstedt, MD, Western University  |
| MP4-19         | Sacral neuromodulation: Determining predictors of success   | 3:45–4:15 pm                | <i>Exhibit hall break – Hall closes</i>  |
| MP4-20         | Nocturnal void reduction and quality of life improvement with AV002, an emulsified microdose desmopressin nasal spray                       | 4:15–5:00 pm                | <b>George E. Slotkin lecture</b><br>Non-metastatic castration-resistant prostate cancer<br>Oliver Sartor, MD, Tulane University Medical School       |
| 9:00–9:20 am   | <b>Plenary 6</b>  | 7:00–10:00 pm               | <i>President’s banquet</i>   |
|                | Overview of AUA guidelines for erectile dysfunction<br>Rodney Breau, MD, Ottawa Hospital Research Institute                                 | <b>Saturday, October 13</b> |  |
| 9:20–9:30 am   | IVUmed traveling resident scholar: Dakar, Senegal<br>Prabhakar Mithal, MD, University of Rochester Medical Center                           | 8:00–8:30 am                | Annual business meeting  |
| 9:30–10:30 am  | <i>Brunch with exhibitors – Hall opens</i>  | 8:30–10:00 am               | <b>Poster Session 5</b><br><b>Education, Laparoscopy, Robotics, and Surgical Innovation</b><br>Moderators: Jason Y. Lee, MD<br>Peter Wang, MD        |
| 10:30–11:30 am | <b>Plenary 7</b>  | MP5-01                      | Quantifying the ‘assistant effect’ in robotic-assisted radical prostatectomy: Measures of technical performance                                      |
|                | Rehabilitation of the atonic bladder<br>Michael Chancellor, MD, Beaumont Health System and Oakland University School of Medicine            | MP5-02                      | Clinical trial failures in urology: Causes and predictors of early failure   |
|                | Evaluation and management of the woman with recurrent stress urinary incontinence<br>E. Ann Gormley, MD, Dartmouth-Hitchcock Medical Center | MP5-03                      | Alvaro Morales: 40 years of Bacillus Calmette-Guérin, bladder cancer, and beyond   |
|                | 11:30 am–12:30 pm   | MP5-04                      | A qualitative assessment of urologic call coverage at a multi-hospital academic residency training program   |
|                | <b>Plenary 8</b>  | MP5-05                      | Patient-specific 3D imaging and 3D printed models enhance preoperative planning for percutaneous nephrolithotomy                                     |
|                | The optimal management of non-muscle-invasive bladder cancer<br>Yves Fradet, MD, CHU de Quebec-Université Laval                             | MP5-06                      | Trainee’s experience with three different percutaneous nephrolithotomy (PCNL) access simulations: A comparative analysis                             |
|                | The curability of invasive bladder cancer<br>Bruce Malkowicz, MD, Perelman School of Medicine, University of Pennsylvania                   | MP5-07                      | Smart imaging: An innovative strategy utilizing molecular chemical imaging to differentiate anatomical structures in genitourinary surgery           |
| 12:30–1:30 pm  | <i>Industry-sponsored lunch</i>   | MP5-08                      | Patient and procedure-specific factors on robotic-assisted perioperative times: A target for quality improvement                                     |
| 1:30–1:50 pm   | <i>Section Stars 2 – Prize Essay Presentation</i>   | MP5-09                      | Gender disparities in financial relationships between industry and academic urologists   |
| 1:50–2:15 pm   | <b>Plenary 9</b>  | MP5-10                      | Resident exposure to open vs. robotic cystectomy at academic medical centers in the era of robotic surgery   |
|                | Is radical nephrectomy even and option in the face of metastatic RCC?<br>Eric Kauffman, MD, Roswell Park Cancer Institute                   | MP5-11                      | Trajectory of surgeons’ eye movement during robot-assisted surgery: Feasibility analysis   |
| 2:15–2:45 pm   | <b>Resident debate 2</b><br>Moderator: Kenneth Pace, MD   | MP5-12                      | A urinary diversion technique using retubularized bowel harvested from prior augmentation cystoplasty  |
|                | Medical expulsive therapy or bust? How to best manage ureteral stones   | MP5-13                      | International, multi-institutional experience with transurethral ventral buccal mucosa graft (BMG) inlay for treatment of distal urethral strictures |
| 2:45–3:45 pm   | <b>Plenary 10</b>   |                             |  |
|                | The importance of endoscopic observations of the renal papillae<br>Jim Lingeman, MD, Indiana University School of Medicine                  |                             |  |

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| MP5-14 | Trends in the utilization of partial adrenalectomy over time   | MP6-05         | Obesity and metabolic syndrome correlate with earlier biochemical recurrence in high-risk prostate cancer patients who underwent robotic-assisted laparoscopic prostatectomy                    |
| MP5-15 | Does incorporation of robot-assisted, intracorporeal neobladder impact health-related quality of life outcomes? A matched analysis | MP6-06         | The impact of the location of the positive surgical margin on oncological outcome in intermediate-risk prostate cancer patients   |
| MP5-16 | Does early Foley catheter removal lead to earlier discharge times?   | MP6-07         | Low incidence of microsurgical in prostate cancer patients treated with polymer delivered, subcutaneously administered leuprolide acetate   |
| MP5-17 | Intraoperative technical event mapping in open and robotic partial nephrectomy: Two roads to the same destination                  | MP6-08         | PIRADS score and perineural invasion detected on MR/US fusion biopsy predict performance of selection criteria for hemablative focal therapy in patients with intermediate-risk prostate cancer |
| MP5-18 | Effects of Rezūm on lower urinary tract symptoms, with a focus on urgency: A single-center prospective analysis                    | MP6-09         | Utilization of multiparametric magnetic resonance imaging in the Medicare prostate cancer population on active surveillance   |
| MP5-19 | Does a learning curve exist for treating lower urinary tract symptoms with Rezūm?  | MP6-10         | Reverse stage migration in men undergoing radical prostatectomy: Association with the 2012 U.S. Preventive Services Task Force prostate cancer screening recommendation                         |
| MP5-20 | Evaluation of leadership and communication skills among graduating Canadian urology residents                                      | MP6-11         | The 17-gene RT-PCR prostate assay: Clinical experience in 29 000 patients with clinically low-risk prostate cancer  |
| MP5-21 | Understanding implicit bias and its potential impacts in urology   | MP6-12         | Real-world use of radium-223 in patients with castration-resistant prostate cancer and bone metastases  |
| MP5-22 | Early postoperative outcomes of transfeminine genital reconstructive surgery using a modified vaginoplasty technique               | MP6-13         | Use of subcutaneous low-suction drains for the prevention of wound-related complications in obese renal transplant recipients   |
|        | <b>Poster Session 6<br/>Oncology – Prostate</b><br>Moderators: Oussama M. Darwish, MD<br>Hani H. Rashid, MD                        | 10:00–11:30 am | AUA course of choice<br>What a general urologist should know about care of transgender patients<br>Dmitriy Nikolavsky, MD, SUNY Upstate Medical University                                      |
| MP6-01 | Utilization of SpaceOAR during prostate brachytherapy  |                | <i>Meeting adjournment</i>  |
| MP6-02 | Fluorescent androgens can be used to track androgen metabolism in prostate cancer  |                |   |
| MP6-03 | Outcomes of radical prostatectomy following initial active surveillance  |                |   |
| MP6-04 | Internal validation and correlation of two different PSA assays for prostate cancer screening in community-based men               |                |   |

