# Scientific Program

## Thursday, October 11

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00–8:10 am</td>
<td>Welcome remarks – NSAUA President Gerald Sufrin, MD</td>
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<td>8:10–8:20 am</td>
<td>Welcome – AUA President-Elect John Lynch, MD</td>
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<td>8:20–8:30 am</td>
<td>Welcome – CUA Secretary Hassan Razvi, MD</td>
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<td>8:30–9:00 am</td>
<td><strong>Plenary 1</strong>&lt;br&gt;Is there a role for the urologist in the era of ART?&lt;br&gt;Craig Niederberger, MD, University of Illinois at Chicago</td>
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<td>9:00–9:30 am</td>
<td><strong>Resident debate 1</strong>&lt;br&gt;Moderator: Ahmed E. Ghazi, MD&lt;br&gt;Use of MRI as screening tool for prostate cancer in a patient with elevated PSA — worthwhile or just an added expense?</td>
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<td>9:30–10:30 am</td>
<td><strong>Plenary 2</strong>&lt;br&gt;Artificial intelligence in urology: Alexa to Terminator, “Now you shall cut to heal!”&lt;br&gt;Khurshid Guru, MD, Roswell Park Comprehensive Cancer Center&lt;br&gt;The combined role of surgery and chemotherapy in the treatment of metastatic testicular cancer&lt;br&gt;Robert Hamilton, MD, Princess Margaret Cancer Center</td>
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<td>10:30–11:00 am</td>
<td><strong>Poster session 1</strong>&lt;br&gt;Better science, Best Practices, and Benign Disease&lt;br&gt;Moderators: Ronald G. Cercone, MD&lt;br&gt;Dean Elterman, MD</td>
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<td>11:00 am–12:30 pm</td>
<td><strong>Poster session 1</strong>&lt;br&gt;M1-01 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&lt;br&gt;M1-02 Outcomes of endourologic intervention in patients with preoperative funguria&lt;br&gt;M1-03 Cost-effectiveness of diagnostic approaches for evaluation of renal colic: Accounting for the risk of radiation&lt;br&gt;M1-04 Thermal block of unmyelinated C-fibers in the tibial nerve of cats&lt;br&gt;M1-05 My first 100 Urolifts®: Prostatic urethral lift (PUL) results in the real-world setting&lt;br&gt;M1-06 What defines a struvite stone?&lt;br&gt;M1-07 Aquablation of the prostate: Canadian experience&lt;br&gt;M1-08 Trends and predictors of 30-day readmissions following percutaneous nephrolithotomy in kidney stone formers and implications for readmission-based quality metrics&lt;br&gt;M1-09 Readability metrics of postoperative patient education materials in urology&lt;br&gt;M1-10 Safety of ureterolysis in the management of retroperitoneal fibrosis&lt;br&gt;M1-11 Hippo Yes-associated protein pathway contributes to renal epithelial dysfunction during obstructive uropathy&lt;br&gt;M1-12 Examining the appropriateness of new referrals to the urology outpatient clinic of a tertiary care pediatric hospital&lt;br&gt;M1-13 Urinary tract infections and duration of ureteric stenting following renal transplantation: Is time our enemy?&lt;br&gt;M1-14 Renal transplantation outcomes among patients with peritoneal dialysis catheters&lt;br&gt;M1-15 Comparison of antibiotic prophylaxis regimens prior to transrectal ultrasound-guided prostate biopsies at a tertiary academic Canadian teaching hospital&lt;br&gt;M1-16 Enhanced recovery after renal surgery: Initial results&lt;br&gt;M1-17 Current publication trends in urology literature&lt;br&gt;M1-18 Effects of testosterone enanthate on markers of cardiovascular risk: Results from the STEADY trial</td>
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Results of a 26-week safety study of concentration-guided, subcutaneous, self-administered testosterone enanthate auto-injector in adult males with testosterone deficiency (TD)

Interprofessional teleurology care in rural Northern Ontario: Lessons from patients and relatives

Learner-faculty feedback and reflective practice in a rural urology clinic

Poster Session 2
Pediatrics and Trauma
Moderators: Douglas A. Canning, MD
Jeanne H. O’Brien, MD

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...

Randomized control trial of transcutaneous stimulation of peripheral tibial nerve vs. hand stimulation in children with nocturnal enuresis

The effect of oral steroids on postoperative complications in proximal hypospadias repair: A prospective, randomized, placebo-controlled study

Robotic ureteropyelostomy for a lower pole ureteropelvic junction obstruction in a partially duplicated kidney

Delayed presentation of posterior urethral valves

Does timeliness to appointments affect treatment outcome in children with bladder and bowel dysfunction?

Renal undifferentiated round cell sarcoma: CCSK in disguise?

Expanded applicability of refluxing pyelo/ureterovesicostomy for primary and salvage definitive reconstruction in pediatric urology

Improving operating room efficiency by decreasing turnover times using a dedicated “fastlane” protocol

Comparison of non-operative and operative management — our experience with penetrating and blunt renal injuries

Refractory urinary and fecal incontinence in children: An assessment of needs

Assessment of risk factors for surgical complications in neonatal circumcision clinic

Tertiary center variability among Canadian pediatric urologists and pediatric surgeons in inguinal hernia repair

A bibliometric analysis of pediatric renal transplantation literature

What can we learn from an innocent bystander? Contralateral linear growth patterns in children with hydronephrosis

Is renal linear growth a good marker for contralateral compensatory hypertrophy in patients with unilateral congenital kidney anomalies?

Inverted kidney: Single-center experience with “upside down” positioning of renal allograft during pediatric transplantation

Development of a standardized approach for the assessment of bowel and bladder dysfunction

Lower urinary tract injury: Is urology consultation necessary?

Industry-sponsored lunch

Plenary 3
Computational pathology in the diagnosis of prostate cancer
John Tomaszewski, MD, University of Buffalo, Jacobs School of Medicine

Have the limits of robotic-assisted radical prostatectomy been reached?
Jean Joseph, MD, University of Rochester

Section Stars 1 – Prize Essay Presentation

History of the Northeastern Section
Ronald Rabinowitz, MD, University of Rochester

Exhibit hall break – Hall closes

Plenary 4
Acute pyelonephritis in adults
Thomas Russo, MD, University at Buffalo-SUNY

Management of acute UTIs without antibiotics
J. Curtis Nickel, MD, Queen’s University, Kingston

Plenary 5
A team, a coach and 5 years of collaboration: Progress and challenges ahead for children born with bladder extrophy
Douglas A. Canning, MD, Children’s Hospital of Philadelphia

More than meets the eye: A glimpse at the future of hydronephrosis management
Armando Lorenzo, MD, The Hospital for Sick Children

Fun night at the Hockey Hall of Fame
Friday, October 12

7:30–9:00 am  **Poster Session 3**  
**Oncology: Bladder, Renal, Testes**  
Moderators: Joseph Jacob, MD  
John M. Rutkowski, MD  

MP3-01  Biopsy for small renal masses: histopathologic concordance with final kidney pathology and features predicting non-productive biopsy.  

MP3-02  Aggressive end-of-life care in Medicare beneficiaries dying with bladder cancer  

MP3-03  Landscape of palliative care use among Medicare beneficiaries with bladder cancer  

MP3-04  Iron supplementation and anemia have independent prognostic value in localized renal cell carcinoma patients undergoing nephrectomy  

MP3-05  Unprecedented marketing for novel systemic kidney cancer therapy: Physician-directed money in the open payments database  

MP3-06  Comparison of upper tract urothelial carcinoma and bladder carcinoma survival: A SEER database analysis  

MP3-07  Factors associated with length of stay and discharge disposition for elective bladder cancer surgical admissions; A SPARCS analysis  


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  

MP3-10  Discrepancy in clinical-pathologic stage in locally advanced bladder cancer: Results from the International Robotic Cystectomy Consortium  

MP3-11  Geo-mapping and spatial analysis of environmental exposures in patients with bladder cancer in Upstate New York: An exploratory study  

MP3-12  National trends in management of non-urothelial bladder cancer  

MP3-13  Partial cystectomy confers a survival advantage over radical cystectomy for those patients with stage II or higher adenocarcinoma bladder cancer  

MP3-14  Spontaneously shrinking papillary renal cell carcinoma — an immunologic phenomenon?  

MP3-15  Quality improvement for venous thromboembolism in urologic surgery  

MP3-16  Spectrum bias in the evaluation of hematuria  

MP3-17  Is there a gender difference in bladder tumor RNA signature?  

**Poster Session 4**  
**Female Urology/Incontinence, Infertility/Impotence/General Urology**  
Moderators: Yonah Krakowsky, MD  
Stephen Steele, MD  

MP4-01  Postoperative analgesic requirements in endoscopic ambulatory surgery patients following belladonna and opium suppository administration  

MP4-02  Dorsal onlay buccal mucosa graft in repair of radiated vesicourethral anastomotic strictures  

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  

MP4-04  Impact of fellowship training on hospital discharge data for women undergoing urinary incontinence procedures.  

MP4-05  Outcomes of a fragile urethra in men with multiple artificial urinary sphincter revisions  

MP4-06  UroLume removal, urethral preservation, and dorsal onlay buccal mucosa graft urethroplasty for recurrent urethral stricture: A multi-institutional experience  

MP4-07  Urodynamic findings of outlet obstruction in women with pelvic organ prolapse  

MP4-08  Long-term outcomes of sacral neuromodulation: 23-year experience  

MP4-09  Predictors of revision surgery for penile prostheses: A high-volume, single-surgeon series  

MP4-10  Trends in the usage of contrast allergy prophylaxis for endourologic procedures  

MP4-11  Incidence and surgical management of concurrent adult acquired buried penis and urethral stricture disease  

MP4-12  Stones, space, and Dr. Abraham T. K. Cockett: A history of urolithiasis and aerospace medicine  

MP4-13  Complete Y chromosome microdeletion: A case report and review of the literature  

MP4-14  OnabotulinumtoxinA is an effective and well-tolerated treatment for overactive bladder regardless of disease duration or body mass index  

MP4-15  Retreatment with onabotulinumtoxinA not associated with an increased risk of clean intermittent catheterization in patients with overactive bladder  

MP4-16  MRI of human bladder wall using intravesical novel contrast mixture: Applications in painful bladder syndrome/interstitial cystitis (PBS/IC)  

MP4-17  Do different total testosterone cut points for hypogonadism impact male factor infertility parameters?
24-hour urine parameters in nephrolithiasis patients with obstructive sleep apnea

Sacral neuromodulation: Determining predictors of success

Nocturic void reduction and quality of life improvement with AV002, an emulsified microdose desmopressin nasal spray

Overview of AUA guidelines for erectile dysfunction

IVUmed traveling resident scholar: Dakar, Senegal

Brunch with exhibitors – Hall opens

Rehabilitation of the atonic bladder

Evaluation and management of the woman with recurrent stress urinary incontinence

11:30 am–12:30 pm Industry-sponsored lunch

The optimal management of non-muscle-invasive bladder cancer

The curability of invasive bladder cancer

12:30–1:30 pm Section Stars 2 – Prize Essay Presentation

Is radical nephrectomy even an option in the face of metastatic RCC?

Medical expulsive therapy or bust? How to best manage ureteral stones

The importance of endoscopic observations of the renal papillae

RIRS for renal calculi: What is the limit?

Exhibit hall break – Hall closes

George E. Slotkin lecture

Non-metastatic castration-resistant prostate cancer

7:00–10:00 pm President’s banquet

Saturday, October 13

8:00–8:30 am Annual business meeting

Poster Session 5 Education, Laparoscopy, Robotics, and Surgical Innovation

Moderators: Jason Y. Lee, MD
Peter Wang, MD

Quantifying the ‘assistant effect’ in robotic-assisted radical prostatectomy: Measures of technical performance

Clinical trial failures in urology: Causes and predictors of early failure

Alvaro Morales: 40 years of Bacillus Calmette-Guérin, bladder cancer, and beyond

A qualitative assessment of urologic call coverage at a multi-hospital academic residency training program

Patient-specific 3D imaging and 3D printed models enhance preoperative planning for percutaneous nephrolithotomy

Trainee’s experience with three different percutaneous nephrolithotomy (PCNL) access simulations: A comparative analysis

Smart imaging: An innovative strategy utilizing molecular chemical imaging to differentiate anatomical structures in genitourinary surgery

Patient and procedure-specific factors on robotic-assisted perioperative times: A target for quality improvement

Gender disparities in financial relationships between industry and academic urologists

Resident exposure to open vs. robotic cystectomy at academic medical centers in the era of robotic surgery

Trajectory of surgeons’ eye movement during robotic-assisted surgery: Feasibility analysis

A urinary diversion technique using retubularized bowel harvested from prior augmentation cystoplasty

International, multi-institutional experience with transurethral ventral buccal mucosa graft (BMG) inlay for treatment of distal urethral strictures
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<th>Poster Session 6</th>
<th>Oncology – Prostate</th>
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<td>Moderators:</td>
<td>Oussama M. Darwish, MD</td>
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<td>Hani H. Rashid, MD</td>
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<th>MP5-14</th>
<th>Trends in the utilization of partial adrenalectomy over time</th>
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<td>MP5-15</td>
<td>Does incorporation of robot-assisted, intracorporeal neobladder impact health-related quality of life outcomes? A matched analysis</td>
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<td>MP5-16</td>
<td>Does early Foley catheter removal lead to earlier discharge times?</td>
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<td>MP5-17</td>
<td>Intraoperative technical event mapping in open and robotic partial nephrectomy: Two roads to the same destination</td>
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<td>MP5-18</td>
<td>Effects of Rezūm on lower urinary tract symptoms, with a focus on urgency: A single-center prospective analysis</td>
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<td>MP5-19</td>
<td>Does a learning curve exist for treating lower urinary tract symptoms with Rezūm?</td>
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<td>MP5-20</td>
<td>Evaluation of leadership and communication skills among graduating Canadian urology residents</td>
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<td>MP5-21</td>
<td>Understanding implicit bias and its potential impacts in urology</td>
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<td>MP5-22</td>
<td>Early postoperative outcomes of transfeminine genital reconstructive surgery using a modified vaginoplasty technique</td>
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<th>Utilization of SpaceOAR during prostate brachytherapy</th>
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<td>MP6-02</td>
<td>Fluorescent androgens can be used to track androgen metabolism in prostate cancer</td>
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<td>MP6-03</td>
<td>Outcomes of radical prostatectomy following initial active surveillance</td>
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<td>MP6-04</td>
<td>Internal validation and correlation of two different PSA assays for prostate cancer screening in community-based men</td>
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<td>MP6-05</td>
<td>Obesity and metabolic syndrome correlate with earlier biochemical recurrence in high-risk prostate cancer patients who underwent robotic-assisted laparoscopic prostatectomy</td>
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<td>MP6-06</td>
<td>The impact of the location of the positive surgical margin on oncological outcome in intermediate-risk prostate cancer patients</td>
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<td>MP6-07</td>
<td>Low incidence of microsurges in prostate cancer patients treated with polymer delivered, subcutaneously administered leuprolide acetate</td>
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<td>MP6-08</td>
<td>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</td>
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<td>MP6-09</td>
<td>Utilization of multiparametric magnetic resonance imaging in the Medicare prostate cancer population on active surveillance</td>
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<td>MP6-10</td>
<td>Reverse stage migration in men undergoing radical prostatectomy: Association with the 2012 U.S. Preventive Services Task Force prostate cancer screening recommendation</td>
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<td>MP6-11</td>
<td>The 17-gene RT-PCR prostate assay: Clinical experience in 29 000 patients with clinically low-risk prostate cancer</td>
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<td>Real-world use of radium-223 in patients with castration-resistant prostate cancer and bone metastases</td>
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<td>Use of subcutaneous low-suction drains for the prevention of wound-related complications in obese renal transplant recipients</td>
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**Poster Session 6 Oncology – Prostate**

**Moderators:** Oussama M. Darwish, MD  
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- **Utilization of SpaceOAR during prostate brachytherapy**
- **Fluorescent androgens can be used to track androgen metabolism in prostate cancer**
- **Outcomes of radical prostatectomy following initial active surveillance**
- **Internal validation and correlation of two different PSA assays for prostate cancer screening in community-based men**

**Meeting Adjournment**

- **AUA course of choice**
- **Reverse stage migration in men undergoing radical prostatectomy: Association with the 2012 U.S. Preventive Services Task Force prostate cancer screening recommendation**
- **The 17-gene RT-PCR prostate assay: Clinical experience in 29 000 patients with clinically low-risk prostate cancer**
- **Real-world use of radium-223 in patients with castration-resistant prostate cancer and bone metastases**
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