

Northeastern Section of the American Urological Association 66th Annual Meeting, Amelia Island, FL Scientific Program

Thursday, November 13, 2014

6:30 – 7:30 a.m.	Industry Sponsored Breakfast Symposium
7:45 – 8:00 a.m.	Welcome Remarks <i>Jerzy Gajewski</i> , President, Northeastern Section <i>William Gee</i> , President-Elect, American Urological Association <i>Peter Anderson</i> , Immediate Past President, Canadian Urological Association <i>Ricardo Rendon</i> , Scientific Program Chair
8:00 – 8:50 a.m.	Educational Forum: The Elusive PSA <i>Yves Fradet</i> , Laval University <i>Peter Pinto</i> , National Cancer Institute <i>Neil Fleshner</i> , University of Toronto
8:50 – 9:20 a.m.	George E. Slotkin Lecture – Follow-up Schemes for Active Surveillance in Prostate Cancer <i>Philipp Dahm</i> , Minneapolis Veterans Affairs Medical Center and University of Minnesota
9:20 – 10:00 a.m.	AUA Guidelines Update <i>Hassan Razvi</i> , University of Western Ontario
10:00 – 10:30 a.m.	Break
10:30 – 11:00 a.m.	Caring for Adult Patients with Congenital Problems <i>Jeffrey Palmer</i> – Pediatric & Adolescent Urology Institute
11:00 – 11:30 a.m.	Preoperative Prediction of Benign vs. Malignant Histology in Renal Masses <i>Rodney Breau</i> , University of Ottawa
11:30 – 11:45 a.m.	Resident Debate: Partial Nephrectomy vs. Radical Nephrectomy for >T1a Renal Masses
11:50 – 12:50 p.m.	Industry Sponsored Lunch Symposium
12:50 – 1:30 p.m.	Exhibit Hall Sneak Peek Dessert Reception
1:30 – 2:20 p.m.	Educational Forum: Management of Localized High-Risk Prostate Cancer: Upfront Surgery or Radiation <i>Edward Messing</i> – University of Rochester <i>Badar Mian</i> – Albany Medical College <i>Joel Nelson</i> – University of Pittsburgh
2:20 – 2:45 p.m.	Update on Systemic Therapy for Renal Cell Carcinoma <i>Anil Kapoor</i> , McMaster University
2:45 – 3:15 p.m.	Break in Exhibit Hall
3:15 – 5:00 p.m.	Moderated Poster Sessions 1 & 2

Moderated Poster Session 1 – Oncology I

3:45 p.m.	P1	Short-term Morbidity Following Laparoscopic Radical Nephrectomy and Laparoscopic Nephroureterectomy: A Retrospective Study Using the NSQIP Database <i>Ravin J. Bastiampillai</i> , <i>Luke T. Lavallee</i> , <i>Kelsey Witiuk</i> , <i>Ranjeeta Mallick</i> , <i>Rodney H. Breau</i> , <i>Ilias Cagiannos</i> . University of Ottawa, Ottawa, ON, Canada.
3:48 p.m.	(Prize Essay Award Winner)	
	P2	Cost-effectiveness of Extended Duration Venous Thromboembolism Prophylaxis in High-risk Urological Oncology Surgery <i>Janet Baack Kukreja</i> ¹ , <i>Helen R. Levey</i> ¹ , <i>Emelian Scosyrev</i> ² , <i>Maureen Kiernan</i> ¹ , <i>Claudia Berrondo</i> ¹ , <i>Jean Joseph</i> ¹ , <i>Ahmed Ghazi</i> ¹ , <i>Hani Rashid</i> ¹ , <i>Ann Dozier</i> ¹ , <i>Bruce Friedman</i> ¹ , <i>James G. Dolan</i> ¹ , <i>Edward M. Messing</i> ¹ . ¹ University of Rochester, Rochester, NY, USA, ² Novartis, East Hanover, NJ, USA.
3:51 p.m.	P3	Multispectral Photoacoustic Imaging of Renal Masses: Preliminary Ex-vivo Results <i>Lorraine M. Liang</i> ¹ , <i>Bhargava K. Chinni</i> ¹ , <i>Jerome J. Gilles</i> ¹ , <i>Guan Wu</i> ¹ , <i>Edward M. Messing</i> ¹ , <i>Navalgund A. Rao</i> ² , <i>Vikram S. Dogra</i> ¹ . ¹ University of Rochester, Rochester, NY, USA, ² Rochester Institute of Technology, Rochester, NY, USA.
3:54 p.m.	P4	Robotic-assisted Versus Open Radical Prostatectomy: A Matched Analysis of Positive Surgical Margins and Biochemical Recurrence <i>Andres F. Correa</i> , <i>Elen Woldemichael</i> , <i>Stephen V. Jackman</i> , <i>Joel B. Nelson</i> . University of Pittsburgh, Pittsburgh, PA, USA.
3:57 p.m.	P5	Intermittent Androgen Deprivation (IAD) with the Gonadotrophin-releasing Hormone Antagonist Degarelix in Men with Biochemical Relapse of Prostate Cancer <i>E. David Crawford</i> ¹ , <i>Neal Shore</i> ² , <i>Thomas Keane</i> ³ , <i>Laurent Boccon-Gibod</i> ⁴ , <i>Kurt Miller</i> ⁵ , <i>Anders Neijber</i> ⁶ , <i>Dennis Marshall</i> ⁷ , <i>Anne Falkenberg</i> ⁸ . ¹ University of Colorado, Aurora, CO, USA, ² Carolina Urologic Research Center, Myrtle Beach, SC, USA, ³ Medical University of South Carolina, Charleston, SC, USA, ⁴ CHU Hospital, Bichat-Claude Bernard, Paris, France, ⁵ Charité-Universitätsmedizin Berlin, Berlin, Germany, ⁶ Ferring Pharmaceuticals, Copenhagen, Denmark, ⁷ Ferring Pharmaceuticals, Parsippany-Troy Hills, NJ, USA, ⁸ Ferring Pharmaceuticals, St Prex, Switzerland.

- 4:00 p.m. P6 **Gonadotrophin-releasing Hormone Antagonist (GnRH) Degarelix Versus Luteinising Hormone-Releasing Hormone (LHRH) Agonists: Safety Outcomes From Pooled Patient Data From Multiple Clinical Trials**
E. David Crawford¹, Neal Shore², Thomas Keane³, Laurent Boccon-Gibod, Kurt Miller⁵, Dennis Marshall⁶, Anne Falkenberg⁷.
¹University of Colorado, Aurora, CO, USA, ²Carolina Urologic Research Center, Myrtle Beach, SC, USA, ³Medical University of South Carolina, Charleston, SC, USA, ⁴CHU Hospital, Bichat-Claude Bernard, Paris, France, ⁵Charité-Universitätsmedizin Berlin, Berlin, Germany, ⁶Ferring Pharmaceuticals, Parsippany-Troy Hills, NJ, USA, ⁷Ferring Pharmaceuticals, St Prex, Switzerland.
- 4:03 p.m. P7 **Further Characterization of the Effects of Prior or No Prior Docetaxel Therapy on Castration-Resistant Prostate Cancer (CRPC) Patients With Symptomatic Bone Metastases Receiving Radium-223 Dichloride in the Phase 3 ALSYMPCA Trial**
Christopher Pieczonka¹, Oliver Sartor², Nicholas Vogelzang³, Peter Hoskin⁴, Sten Nilsson⁵, Robert Coleman⁶, Christopher Parker⁷, Mona Wahba⁸, Ingvild Haugen⁹, Neal Shore¹⁰.
¹Associated Medical Professionals of NY, PLLC, Syracuse, NY, USA, ²Tulane Cancer Center, New Orleans, LA, USA, ³Comprehensive Cancer Centers of Nevada, Las Vegas, NV, USA, ⁴Mount Vernon Hospital Cancer Centre, Northwood, United Kingdom, ⁵Karolinska University Hospital, Stockholm, Sweden, ⁶Weston Park Hospital, Sheffield, United Kingdom, ⁷The Royal Marsden NHS Foundation Trust and Institute of Cancer Research, Sutton, United Kingdom, ⁸Bayer HealthCare, Whippany, NJ, USA, ⁹Algeta ASA (Bayer), Oslo, Norway, ¹⁰Carolina Urologic Research Center, Myrtle Beach, SC, USA.
- 4:06 p.m. P8 **Contemporary Series Utilizing Minimally Invasive Techniques for Enucleation vs. Traditional Partial Nephrectomy**
Michael Hanzly, Jr., Terrance Creighton, Hyung Kim, Thomas Schwaab.
Roswell Park Cancer Institute, Buffalo, NY, USA.
- 4:09 p.m. P9 **Management of Clinically Localized Stage T1 Renal Tumors in a Multicenter Canadian Cohort**
Luke T. Lavallee¹, Simon Tanguay², Michael A. Jewett³, Antonio Finelli³, Lori Wood⁴, Ilias Cagiannos¹, Christopher Morash¹, Anil Kapoor⁵, Ricardo A. Rendon⁴, Ronald B. Moore⁶, Louis Lacombe⁷, Jun Kawakami⁸, Stephen E. Pautler⁹, Darrel E. Drachenberg¹⁰, Peter C. Black¹¹, Zhihui Liu², Rodney H. Breau¹.
¹The University of Ottawa, Ottawa, ON, Canada, ²McGill University, Montreal, QC, Canada, ³University of Toronto, Toronto, ON, Canada, ⁴Dalhousie University, Halifax, NS, Canada, ⁵McMaster University, Hamilton, ON, Canada, ⁶University of Alberta, Edmonton, AB, Canada, ⁷Université de Laval, Quebec, QC, Canada, ⁸University of Calgary, Calgary, AB, Canada, ⁹University of Western Ontario, London, ON, Canada, ¹⁰University of Manitoba, Winnipeg, MB, Canada, ¹¹University of British Columbia, Vancouver, BC, Canada.
- 4:12 p.m. P10 **Evaluation of Kidney Cancer Tumor Margins Using Molecular Chemical Imaging**
Patrick J. Treado¹, Shona Stewart¹, Serena Augustine¹, Heather Kirschner¹, Jeffrey Cohen², Amonu Opong².
¹ChemImage Corporation, Pittsburgh, PA, USA, ²Allegheny General Hospital, Pittsburgh, PA, USA.
- 4:15 p.m. P11 **Variations in the Treatment of Advanced Prostate Cancer (APCa) with Androgen Deprivation Therapy (ADT) across Large Urology Group Practices**
Evan R. Goldfischer¹, Raymond S. Lance², Lisa Berge³, Jennifer Pappadakis³, Kathy Spiegel³.
¹Premier Medical Group, Poughkeepsie, NY, USA, ²Urology of Virginia, Virginia Beach, VA, USA, ³Actavis, Parsippany, NJ, USA.
- 4:18 p.m. P12 **Sunitinib Dosing Schedules for Metastatic Renal Cell Carcinoma Patients with Renal Failure on Hemodialysis**
Taehyoung Lee, Luke Witherspoon, Anil Kapoor.
McMaster University, Hamilton, ON, Canada.
- 4:21 p.m. P13 **The 17-gene Genomic Prostate Score Assay: Initial Commercial Experience of 2,500 Patients**
Emily Burke, Bela Denes, Megan Rothney, Athanasios Tsiatis, Jeffrey Lawrence, Phillip Febbo.
Genomic Health, Redwood City, CA, USA.
- 4:24 p.m. P14 **Can we afford Prostate MRI, and Is it Worth it? - A Decision Analysis comparing cost effectiveness of Systematic Transrectal Ultrasound Guided Biopsy and MRI-Ultrasound Fusion Prostate Biopsy in the Initial and Repeat Biopsy Setting.**
Meenakshi Davuluri¹, Andrew Toler¹, Andrij Wojtowycz², Gennady Bratslavsky³, Srinivas Vourganti³.
¹SUNY Upstate Medical University, Syracuse, NY, USA, ²SUNY Upstate Medical University, Department of Radiology, Syracuse, NY, USA, ³SUNY Upstate Medical University, Department of Urology, Syracuse, NY, USA.
- 4:27 p.m. P15 **Post Cystectomy Ureteral Stricture Management: A Single Institution Ten Year Experience**
Lorraine M. Liang, Hani H. Rashid, Edward M. Messing, Guan Wu.
University of Rochester, Rochester, NY, USA.
- 4:30 p.m. P16 **Infectious Complications After Prostate Biopsy: Regional Infection Rates Should Drive Preventive Measures**
Ardalan Ahmad, Igor Sorokin, Himanshu Aggarwal, Ashish Bosukonda, Amina Khalid, Badar Mian.
Albany Medical College, Albany, NY, USA.
- 4:33 p.m. P94 **Dorsal Lumbotomy Incision for Open Partial Nephrectomy: A Single Institution Experience**
Lauren E. Ginsburg, Nicholas J. Farber, Andres F. Correa, Timothy D. Lyon, Ronald L. Hrebinko.
University of Pittsburgh, Pittsburgh, PA, USA.
- 4:36 p.m. P95 **Accurate Prediction of Functional Renal Parenchyma Following nephron-sparing Surgery Utilizing 3-Dimensional Imaging**
Michael Hanzly, Jr., Sergei Kurenov, Terrance Creighton, Gina Tundo, Eric Kauffman, Thomas Schwaab.
Roswell Park Cancer Institute, Buffalo, NY, USA.

- 4:39 p.m. P96 **Do Patient Characteristics at Admission Predict Average Length of Stay in the Hospital Following Radical Cystectomy**
Helen R. Levey, Janet Baack Kukreja, Emil Scosyrev, Jacob Gantz, Phillip Rappold, Justin Budnik, Edward Messing.
University of Rochester, Rochester, NY, USA.
- 4:42 p.m. P97 **Is There A Necessity For Lymph Node Dissection in Patients With Biopsy Proven Gleason 6 Disease? Analysis of the SEER Database**
Michael Daugherty, Oleg Shapiro.
SUNY Upstate Medical University, Syracuse, NY, USA.
- 4:45 p.m. P98 **Local Coverage Determination Policy and the Use of Stereotactic Body Radiation Therapy for Prostate Cancer**
Bruce L. Jacobs¹, Robert Sunderland², Jonathan Yabes¹, Joel B. Nelson¹, Amber E. Barnato¹, Justin E. Bekelman².
¹University of Pittsburgh, Pittsburgh, PA, USA,
²University of Pennsylvania, Philadelphia, PA, USA.
- Moderated Poster Session 2 – Pediatrics**
- 3:45 p.m. P17 **Robotic Assisted Urachal Anomaly Excision: A Technically Feasible and Safe Option in Children**
Anne G. Dudley¹, Jeremy N. Reese¹, Janelle A. Fox², Glenn M. Cannon³.
¹University of Pittsburgh Medical Center, Pittsburgh, PA, USA, ²Naval Medical Center, Portsmouth, VA, USA, ³Children's Hospital of Pittsburgh, Pittsburgh, PA, USA.
- 3:48 p.m. P18 **Assessing the Impact of Recent Modifications in the Management of Urinary Tract Infection on the Severity of Disease in Children With Vesicoureteral Reflux Undergoing Ureteral Reimplantation**
Marc Bienz, Tristan Martel, Diego Barrieras, Anne-Marie Houle, Julie Franc-Guimond.
CHU Sainte-Justine, Universite de Montreal, Montreal, QC, Canada.
- 3:51 p.m. P19 **Endoscopic Treatment With Dextranomer/hyaluronic Acid Copolymer (Deflux) vs. Ureteral Reimplantation in the Management of Children With Vesicoureteral Reflux (VUR): An Overview of the Surgical Management Observed Overtime in a Teaching Institution**
Tristan Martel, Marc Bienz, Anne-Marie Houle, Diego Barrieras, Julie Franc-Guimond.
CHU Sainte-Justine, Universite de Montreal, Montreal, QC, Canada.
- 3:54 p.m. P20 **Misuse Of Ultrasound for Undescended Testis and the Diagnostic Discrepancies Between Primary Care Providers and Pediatric Urologists – A Prospective Study**
Nathan C. Wong, David Kanters, Rahul Bansal, Luis H. Braga.
McMaster University, Hamilton, ON, Canada.
- 3:57 p.m. P21 **The Role of Prophylactic Antibiotics after Laparoscopic Pyeloplasty with Ureteral Stent Placement in Children**
Matthew C. Ferroni, Kevin J. Rycyna, Moira E. Dwyer, Francis X. Schneck, Michael C. Ost, Steven G. Docimo, Heidi A. Stephany, Glenn M. Cannon, Jr.
- 4:00 p.m. P22 WITHDRAWN
- 4:03 p.m. P23 **Significant Variability Exists in Coding Practices of American Pediatric Urologists Despite a Common Coding System**
Moira E. Dwyer, Steven G. Docimo, Heidi A. Stephany, Michael C. Ost, Francis X. Schneck, Glenn M. Cannon, Jr.
Children's Hospital of Pittsburgh of the University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 4:06 p.m. P24 **Assessment of the Unplanned Postoperative Morbidity in Children (UPMC) Scoring System for use in Pediatric Urology**
Moira E. Dwyer, Heidi A. Stephany, Glenn M. Cannon, Jr., Steven G. Docimo, Francis X. Schneck, Michael C. Ost.
Children's Hospital of Pittsburgh of the University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 4:09 p.m. P25 **The Clavien-Dindo Classification of Surgical Complications is Not a Reproducible Way to Grade Morbidity in Pediatric Urology**
Moira E. Dwyer, Heidi A. Stephany, Glenn M. Cannon, Jr., Steven G. Docimo, Francis X. Schneck, Michael C. Ost.
Children's Hospital of Pittsburgh of the University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 4:12 p.m. P26 **Previously Undescribed Intravaginal Structure Corresponds with Laterality of Dysgenetic Testis in Small Series of Patients with Gonadal Dysgenesis**
Moira E. Dwyer¹, Selma F. Witchel¹, Svetlana A. Yatsenko², Francis X. Schneck¹.
¹Children's Hospital of Pittsburgh of the University of Pittsburgh Medical Center, Pittsburgh, PA, USA,
²University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 4:15 p.m. P27 **Robotic Conversion Of Cecostomy Tube to Malone Antegrade Continence Enema (ACE), Surgical Technique**
Mourad Abouelleil, Jonathan Riddell.
Upstate, Syracuse, NY, USA.
- 4:18 p.m. P28 **Comparison of Anesthesiologist-Performed Transversus Abdominis Plane and Rectus Sheath Blocks to Surgeon-Performed Local Site Injection for Postoperative Pain Management Following Minimally Invasive Pediatric Pyeloplasty**
Kevin J. Rycyna, Matthew C. Ferroni, Moira E. Dwyer, Glenn M. Cannon, Jr, Francis X. Schneck, Michael C. Ost, Steven G. Docimo, Heidi A. Stephany.
University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 4:21 p.m. P29 **Preliminary Evaluation of the Impact of Bowel Preparation Prior to Reconstructive Urologic Surgery on Perioperative Measures & Postoperative Complications in Pediatric Myelomeningocele Patients with Neurogenic Bladder & Bowel**
Moira E. Dwyer¹, Gwen M. Grimsby², Nicholas J. Farber³, Heidi A. Stephany¹, Francis X. Schneck¹, Michael C. Ost¹, Patricio C. Gargollo², Micah A. Jacobs², Glenn M. Cannon, Jr.¹.
¹Children's Hospital of Pittsburgh of the University

of Pittsburgh Medical Center, Pittsburgh, PA, USA,
²Children's Medical Center of Dallas, Dallas, TX,
 USA, ³University of Pittsburgh School of Medicine,
 Pittsburgh, PA, USA.

5:00 – 6:00 p.m. Industry Sponsored Reception Symposium

6:00 – 7:00 p.m. Exhibit Hall Grand Opening Reception

Friday, November 14, 2014

8:00 – 8:15 a.m. Best of Thursday Posters

8:15 – 9:00 a.m. Section Stars Session
Does Preoperative MRI Help Select Patients Best Suited for Neurovascular Bundle Preservation During Radical Prostatectomy
 2011 Young Investigator Grant Recipient
 Rodney Breau, University of Ottawa

Prize Winning Essays

First Place – **Role of β -Adrenergic and Opioid Receptors in Pudendal and Tibial Inhibition of Spinal Reflex Bladder Activity in Cats**
 Marc J. Rogers, MD – University of Pittsburgh

Second Place – **Cost-effectiveness of Extended Duration Venous Thromboembolism Prophylaxis**
 Janet B. Kukreja, MD – University of Rochester

Third Place – **Complications Following Radical Prostatectomy with or without Subsequent Radiotherapy or Radiotherapy Alone for Prostate Cancer: A Population-based Cohort Study**
 Christopher J.D. Wallis, MD – University of Toronto

9:00 – 10:00 a.m. AUA Course of Choice – Testosterone Therapy: New Concepts for a Rapidly Changing Field
 Abraham Morgentaler, Men's Health Boston

10:00 – 10:30 a.m. Break in Exhibit Hall

10:30 a.m. – 12:15 p.m. Moderated Poster Sessions 3 & 4

Moderated Poster Session 3 – Oncology II

11:00 a.m. P30 **Renal Cell Carcinoma Recurrence: A Population Based Cohort of Patients Treated for Cure From Atlantic Canada**
 Karim Marzouk, Nikitha Moideen, Kara Thompson, Lori Wood.
 Dalhousie University, Halifax, NS, Canada.

11:03 a.m. P31 **Salvage Intravesical Therapy With Interferon- α 2b Plus Bacillus Calmette-guerin (BCG) in Patients With BCG Refractory Superficial Bladder Cancer**
 Andres F. Correa, Katherine Theisen, Jodi K. Maranchie, Ronald Hrebinko, Benjamin J. Davies, Jeffrey Gingrich.
 University of Pittsburgh, Pittsburgh, PA, USA.

11:06 a.m. P32 **Reducing Pain During Office Biopsy of the Prostate: A Randomized, Single Center Trial of the Effect of Extending Time from Peri-Prostatic Lidocaine Injection to Onset of Transrectal Ultrasound-guided Prostate Biopsy on Patient-reported Pain Scores**
 Ram A. Pathak, Todd Igel.
 Mayo Clinic Florida, Jacksonville, FL, USA.

11:09 a.m. P33 **Urinary Continence After Robotic Prostatectomy: Results From a Randomized, Double-blind Multi-center Phase 4 Clinical Trial Evaluating Solifenacin Succinate Versus Placebo**
 David Albala¹, Thomas Ahlering², Laurence Belkoff³, Brain Miles⁴, James Peabody⁵, Weizhong He⁶, Jason Bradt⁶, Gabriel Haas⁶, Fernando Bianco⁷.
¹Associated Medical Professionals of NY, Syracuse, NY, USA, ²University of California-Irvine, Irvine, CA, USA, ³Drexel University, Bala Cynwyd, PA, USA, ⁴Baylor College of Medicine, Houston, TX, USA, ⁵Henry Ford Hospital, Detroit, MI, USA, ⁶Astellas, Northbrook, IL, USA, ⁷University of Miami, Miami, FL, USA.

11:12 a.m. P34 **Reporting and Prognostic Significance of Lymphovascular Invasion in Muscle-invasive Bladder Cancer: A Population-based Study**
 D. Robert Siemens, David Berman, Atsunari Kawashima, Chris Booth.
 Queen's University, Kingston, ON, Canada.

11:15 a.m. P35 **Utilization of Preoperative Imaging for Muscle-invasive Bladder Cancer: A Population-based Study**
 D. Robert Siemens¹, Matthew McInnes², Chris Booth¹, Nicola Schieda².
¹Queen's University, Kingston, ON, Canada, ²University of Ottawa, Ottawa, ON, Canada.

11:18 a.m. P36 **Effect of Combined Sequential Treatment of Sipuleucel-T Followed by Enzalutamide in Metastatic Chemo-Naïve Castration Resistant Prostate Cancer: Results of Single Center of Large Urology Group**
 Christopher Pieczonka, David Albala, Vladimir Mouraviev.
 Associated Medical Professionals of NY, Syracuse, NY, USA.

11:21 a.m. P37 **Our Experience of Radium-223 (xofigo) Treatment for Metastatic Castrate Resistant Prostate Cancer**
 Marc Bienz, Vladimira Mouravieva, Christopher Pieczonka, Deborah Zehel, John Crawford, David Albala, Vladimir Mouraviev, Neil Mariados.
 Associated Medical Professionals of NY, Syracuse, NY, USA.

11:24 a.m. P38 **Prevalence and Risk Factors of Contralateral Extracapsular Extension in Men Undergoing Radical Prostatectomy For Localized Unilateral Disease at Biopsy: A Global Multi-institutional Experience**
 Vladimir Mouraviev¹, Marc Bienz², Pierre-Alain Hueber³, Vincent Trudeau³, Abdullah Alenizi³, Mevlana Derya⁴, Alina Balbay⁴, David Albala¹, Assaad El-Hakim⁵, Abdullah Erdem Canda⁶, Mathieu Latour³, Fred Saad³, Kevin Zorn³.
¹Associated Medical Professionals of NY, Syracuse, NY, USA, ²University of Montreal, Montreal, QC, Canada, ³Montreal University Hospital Center,

- Montreal, QC, Canada, ⁴Memorial Sisli Hospital, Istanbul, Turkey, ⁵Sacre-Coeur Hospital, Montreal, QC, Canada, ⁶Ankara Ataturk Training and Research Hospital, Ankara, Turkey.
- 11:27 a.m. P39 **Intermediate Results of a Whole Gland HIFU for Localized Prostate Cancer: A Single Center Experience**
Konstantin Badyan¹, Igor Aboian¹, Marc Bienz², Vladimir Mouraviev².
¹Medical Center "Zdorovie", Rostov-on-Don, Russian Federation, ²Associated Medical Professionals of NY, Syracuse, NY, USA.
- 11:30 a.m. P40 **A Comparison of Time to Return to Baseline Lower Urinary Tract Symptoms among American Urological Association Symptom Index Severity Groups after Brachytherapy**
Thomas Fuller, Benjamin Ristau, Jonathan Ploucha, Ronald Benoit.
University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 11:33 a.m. P41 **Sarcopenia Measured at L3 Vertebral Level Best Predicts 90-Day Complication Rate following Radical Cystectomy**
Timothy D. Lyon, Leo Chen, Katherine M. Theisen, Benjamin J. Davies, Jeffrey R. Gingrich, Ronald L. Hrebinko, Jodi K. Maranchie, Tatum V. Tarin.
University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 11:36 a.m. P42 **Detecting Prostate Cancer on Repeat Biopsy: MRI/Ultrasound Fusion is Superior to Transrectal Ultrasound Alone**
Ramkishan Narayanan¹, Margaret Suraf², Michael Duff¹, K. Kent Chevli¹.
¹SUNY Buffalo, Buffalo, NY, USA, ²Western New York Urology Associates, Buffalo, NY, USA.
- 11:39 a.m. P43 **Characterization of Cystic Renal Cell Carcinoma**
Shervin Badkshian, Chirag Doshi, Michael V. Mungillo, Hanzly I. Michael, Terry Creighton, Hanzly I. Michael, Eric Kauffman.
Roswell Park Cancer Institute, Buffalo, NY, USA.
- 11:42 a.m. P44 WITHDRAWN
- 11:45 a.m. P45 **Lymph Node Positivity at Radical Prostatectomy and Clinical Outcomes at a Tertiary Care Referral Center**
Kamaljit Kaler, Tadeusz Krocak, Premal Patel, Jasmir Nayak, Rebekah Rittberg, Jeffery Saranchuk, Darrel Drachenberg.
University of Manitoba, Winnipeg, MB, Canada.
- 11:48 a.m. P99 **Perioperative Predictors of Biochemical Recurrence at 48 Months After Radical Prostatectomy**
Benjamin T. Ristau¹, Jeffrey J. Tomaszewski¹, Kwonho Jeong², Marnie Bertolet², Elen Woldemichael¹, Joel B. Nelson¹.
¹UPMC, Pittsburgh, PA, USA, ²University of Pittsburgh, Pittsburgh, PA, USA.
- 11:51 a.m. P100 **Peripheral Blood Monocyte Subset Signature Predicts Patient Outcome in Stage IV Renal Cell Carcinoma Dendritic Cell Vaccination**
Jason Muhitch¹, Alexander Wald¹, Mohammad Habiby Kermany¹, Joseph Tario¹, Marc S. Ernstoff², Thomas Schwaab¹.
¹Roswell Park Cancer Institute, Buffalo, NY, USA, ²Geisel School of Medicine at Dartmouth, Hanover, NH, USA.
- 11:54 a.m. P101 **Sipuleucel-t Therapy: Distribution Of Baseline PSA as Defined as Quartiles in a Cohort of Large Urology Group Compared to the IMPACT Trial**
Christopher Pieczonka, Dimitrios Telonis, Ilija Aleksic, David Albala, Vladimir Mouraviev.
Associated Medical Professionals of NY, Syracuse, NY, USA.
- 11:57 a.m. P102 **Role of Fuhrman Grading in Renal Cell Carcinoma Recurrences**
Terrance Creighton, Daniel Abbotoy, Christine Murekeyisoni, Michael Hanzly, Eric Kauffman, Thomas Schwaab.
Roswell Park Cancer Institute, Buffalo, NY, USA.
- 12:00 p.m. P103 **Five-Year 131Cesium Brachytherapy Outcomes**
Thomas Fuller, Jonathan Ploucha, Ronald Benoit.
University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- Moderated Poster Session 4 – Trauma/Reconstruction & Voiding Dysfunction**
- 11:00 a.m. P46 **Urethroscopy With a Rigid Ureteroscope Facilitates Urethroplasty**
Anne G. Dudley, Michelle Yu, Mang L. Chen.
University of Pittsburgh Medical Center, Pittsburgh, PA, USA.
- 11:03 a.m. P47 **Management of Complicated Ureteric Strictures Post-renal Transplant: Case Series Utilizing Pyelovesicostomy with Boari Flap**
Tadeusz Krocak, Tom McGregor.
University of Manitoba, Winnipeg, MB, Canada.
- 11:06 a.m. P48 **Evaluation of Ejaculatory Function After Urethroplasty: Does Sparing the Bulbospongiosus Muscle Affect the Ejaculatory Outcomes?**
Osama Zaytoon, Raju Chelluri, Stephen Blakely, Srinivas Vourganti, Dmitriy Nikolavsky.
SUNY upstate, Syracuse, NY, USA.
- 11:09 a.m. P49 **Robot-assisted Laparoscopic Repair of Vesico-vaginal Fistulas: A Single Center Experience**
Vineet Agrawal, Emma Bendana, Jean Joseph, Hani Rashid, Guan Wu.
University of Rochester Medical Center, Rochester, NY, USA.
- 11:12 a.m. P50 **Outcomes of Urethroplasty for Radiation-induced Anterior Urethral Strictures in Men Treated for Prostate Cancer**
Stephen A. Blakely¹, Dmitriy Nikolavsky¹, David Hadley², Andrew Windsperger³, Ryan Terlecki⁴, Brian Flynn³.
¹Upstate Medical University, Syracuse, NY, USA, ²Loma Linda University, Loma Linda, CA, USA, ³University of Colorado, Aurora, CO, USA, ⁴Wake Forest University, Winston-Salem, NC, USA.

- 11:15 a.m. P51 **Open Reconstruction of Recurrent Vesicourethral Anastomotic Stricture After Radical Prostatectomy**
Stephen A. Blakely¹, Dmitriy Nikolavsky¹, David Hadley², Andrew Windsperger³, Ryan Terlecki⁴, Brian J. Flynn³.
¹Upstate Medical University, Syracuse, NY, USA, ²Loma Linda University, Loma Linda, CA, USA, ³University of Colorado, Aurora, CO, USA, ⁴Wake Forest University, Winston-Salem, NC, USA.
- 11:18 a.m. P52 **Bladder Pain Syndrome/Interstitial Cystitis in Males: Clinical Presentation and Correlation Between Symptoms, Cystoscopic and Urodynamic Findings**
Fadi Sawaqed, Jerzy Gajewski.
Dalhousie University, Halifax, NS, Canada.
- 11:21 a.m. P53 **Urodynamic and Cystoscopy Findings in Men Less Than 50 Years of Age Presenting with Lower Urinary Tract Symptoms**
J. Matthew Andrews, Jerzy Gajewski.
Dalhousie University, Halifax, NS, Canada.
- 11:24 a.m. P54 **Magnetic Artificial Sphincter (MARS)**
Mahdi Mohammadi¹, Mohsen Shahinpoor¹, Nivedita Dhar², Krishna Bhatta³.
¹University of Maine, Orono, ME, USA, ²Wayne State University, Bloomfield Hills, MI, USA, ³Eastern Maine Medical Center, Bangor, ME, USA.
- 11:27 a.m. P55 **Interim Analysis of the Long-term Efficacy and Safety of Repeated OnabotulinumtoxinA in the Treatment of Overactive Bladder and Urinary Incontinence, Median 2.4 Years' Follow up**
Peter Sand¹, David Sussman², Karl Dietrich-Sievert³, Christopher Chapple⁴, Sidney Radomski⁵, Steve Guard⁶, Jihao Zhou⁷, Victor Nitti⁸.
¹Evanston Continence Center, Evanston, IL, USA, ²NJ School of Osteopathic Medicine, Newark, NJ, USA, ³University of Tuebingen, Tuebingen, Germany, ⁴Royal Hallamshire Hospital, Sheffield Teaching Hospitals, Sheffield, United Kingdom, ⁵University of Toronto, Toronto, ON, Canada, ⁶Allergan, Ltd., Marlow, United Kingdom, ⁷Allergan, Inc., Bridgewater, NJ, USA, ⁸New York University, New York, NY, USA.
- 11:30 a.m. P56 **Salvage Transurethral Injection for Refractory Stress Urinary Incontinence**
Diana Cardona-Grau, Elise De.
Albany Medical Center, Albany, NY, USA.
- 11:33 a.m. P57 **The Risk of Stress Incontinence and Pelvic Organ Prolapse Surgery After a Pelvic Fracture**
Blayne Welk, Hana'a Al-Hothi, Jennifer Winick-Ng, Barry MacMillan, Queena Chou, Abdel-Rahman Lawendy.
Western University, London, ON, Canada.
- 11:36 a.m. P58 **Seasonal Variation in Urological Pelvic Pain Syndromes: Seven years of Internet Search Trends**
Gregory Roberts¹, Tyler Williamson¹, Joel Teichman², Curtis Nickel¹.
¹Queens University, Kingston, ON, Canada, ²University of British Columbia, Vancouver, BC, Canada.
- 11:39 a.m. P59 **Long-term Rates of Urinary Incontinence Following Treatment of Localized Prostate Cancer: A Systematic Review and Meta-analysis**
Ashley R. Cox¹, Michelle Chang², Michael Czerwinski¹, Joseph Beyene³, Prakeshkumar Shah², Robert Nam².
¹Dalhousie University, Halifax, NS, Canada, ²University of Toronto, Toronto, ON, Canada, ³McMaster University, Hamilton, ON, Canada.
- 11:42 a.m. P60 **Treatment Selection and Adherence by Patients With Refractory Overactive Bladder**
Mahmoud Chehab, Meena Davuluri, Timothy Byler, Dmitriy Nikolavsky.
Upstate Medical University, Syracuse, NY, USA.
- 12:15 – 1:30 p.m. Lunch in Exhibit Hall
- 1:30 – 2:00 p.m. Update in Management of Urethral Trauma
Mang Chen, University of Pittsburgh
- 2:00 – 2:15 p.m. Resident Debate: Scrotal Violation – Myth or Truth
- 2:30 – 4:00 p.m. Moderated Poster Sessions 5 & 6
- Moderated Poster Session 5 – Laparoscopy/Robotics & Stones/Endourology**
- 3:00 p.m. P61 **Use of Firefly Fluorescence Imaging Technology for Robotic Assisted Partial Cystectomy and Ureteral Reconstruction.**
Alejandro R. Rodriguez.
Samaritan Medical Center, Watertown, NY, USA.
- 3:03 p.m. P62 **Robot-Assisted Laparoscopic Simple Prostatectomy in patients with a Pathologic Specimen Weight >100 grams: A Multi-institutional Study of Outcomes**
Vineet Agrawal¹, Claudia Berrondo¹, Anees Fazili¹, Hani Rashid¹, Guan Wu¹, Laurence Donahue², Jean Joseph¹.
¹University of Rochester Medical Center, Rochester, NY, USA, ²Rochester General Hospital, Rochester, NY, USA.
- 3:06 p.m. P63 **Renal Nephrometry Score and Predictors of Outcomes in Laparoscopic Partial Nephrectomies**
Deepak K. Pruthi, Darrel E. Drachenberg, Thomas B. McGregor.
University of Manitoba, Winnipeg, MB, Canada.
- 3:09 p.m. P64 WITHDRAWN
- 3:12 p.m. P65 **Extraperitoneal Robot-assisted Radical Prostatectomy in the Morbidly Obese- A Propensity Score Matched Study**
Vineet Agrawal, Changyong Feng, Jean Joseph.
University of Rochester Medical Center, Rochester, NY, USA.
- 3:15 p.m. P66 WITHDRAWN
- 3:18 p.m. P67 **Percutaneous Nephrolithotomy in Patients with Urinary Tract Abnormalities**
Philippe Violette, Marie Dion, Thomas Taily, John Denstedt, Hassan Razvi.
Western University, London, ON, Canada.

- 3:21 p.m. P68 **Efficacy of Tamsulosin Oxybutynin and Their Combination in the Control Of Double-J Stent-related Lower Urinary Tract Symptoms**
Miguel Maldonado-Avila, Rene J Jungfermann-Guzman, Leopoldo Garduño-Arteaga, Hugo A Manzanilla-García, Emmanuel Rosas-Nava, Alejandro Vela- Mollinedo, José Guzman-Esquivel, J Nestor Procuna-Hernandez, Luis Almazan-Treviño, Marcos Del Rosario-Santiago.
General Hospital of México, México, City, Mexico.
- 3:24 p.m. P69 **Interim Results of a Randomized Trial Comparing Narrow Versus Wide Focal Zones for Shock Wave Lithotripsy of Renal Calculi**
Kenneth Pace, Tarek Alzahrani, Daniela Ghiculete, R J D'A Honey.
St. Michaels Hospital, Toronto, ON, Canada.
- 3:27 p.m. P70 **Stone Burden Measurement by 2D or 3D Reconstruction Does Not Improve Prediction of Residual Stone at Discharge or 3 Months Compared to Standard Measurement with Elliptical Assumption**
Philippe D. Violette, Thomas Tailly, Brandon R. Nadeau, Yige Bao, Justin Amann, John D. Denstedt, Hassan Razvi.
Western University, London, ON, Canada.
- 3:30 p.m. P71 **Mean, Range and Standard Deviation of Stone Density on Non-contrast CT do Not Predict Stone-Free Rates after Percutaneous Nephrolithotomy**
Thomas Tailly, Philippe D. Violette, Brandon R. Nadeau, Yige Bao, Justin Amann, John D. Denstedt, Hassan Razvi.
Western University, London, ON, Canada.
- 3:33 p.m. P72 **Risk factors for Re-admission following Shock Wave Lithotripsy**
Benjamin J. Nelson¹, Anees Fazili¹, Divya Kumar², Franca Kraenzlin², Jason Birnbaum², Chang-Yong Feng¹, Erdal Erturk¹.
¹URMC Urology, Rochester, NY, USA, ²University of Rochester Medical School, Rochester, NY, USA.
- 3:36 p.m. P73 **Role of Tamsulosin, Tadalafil and Silodosin As The Medical Expulsive Therapy In Lower Ureteric Stone – A Randomized Trial (A Pilot Study)**
Kumar Jayant¹, Santosh Kumar², Swati Agrawal¹, Mayank Mohan Agrawal², Shrawan Kumar Singh².
¹Sudha Hospital and Medical Research Centre, Kota, India, ²Postgraduate Institute of Medical Education and Research, Chandigarh, India
- 3:39 p.m. P74 **Outpatient Bilateral Tubeless Percutaneous Nephrolithotomy: Is it Safe?**
Michael Fuoco, Andrea Kokorovic, James W. L. Wilson, Darren Beiko.
Queen's University, Kingston, ON, Canada.
- 3:42 p.m. P75 **Practice Patterns of Extracorporeal Shockwave Lithotripsy: Variability Amongst and Between Canadian and American Urologists - Do We Need Guidelines?**
Andrea G. Lantz¹, Jeff P. McKay¹, Michael Ordon², Kenneth T. Pace², John D'A Honey².
¹Dalhousie University, Halifax, NS, Canada, ²University of Toronto, Toronto, ON, Canada.
- 3:45 p.m. P76 **Radiation Exposure to Surgical Staff During Percutaneous Nephrolithotomy (PCNL)-A Multi-institutional Experience over 12 Months**
Rick C. Slater¹, David Wenzler², Jeannie Su², Roger Sur², Michelle J. Semins¹.
¹University of Pittsburgh Medical Center, Pittsburgh, PA, USA, ²UC San Diego, San Diego, CA, USA.
- 3:48 p.m. P77 **Monotherapy With a Single Session of ESWL for Kidney Stones in the Community Setting**
Po Lam, Brittany Paul, Christopher Pieczonka, Bashar Omarbasha, Joel Bass, Jeffrey Sekula, Elan Salzhauer, Richard Kronhaus, Andres Madissoo, Sasha Pavlov-Shapiro, Vladimir Mouraviev, David Albala.
Associated Medical Professionals of NY, Syracuse, NY, USA.
- Moderated Poster Session 6 – Basic Science, Education, Infertility**
- 3:00 p.m. P78 **Pudendal Nerve Stimulation Activates Spinal GABA-A Receptors to Inhibit Reflex Bladder Activity in Cats**
Zhiying Xiao¹, Jeremy Reese², Marc J. Rogers², Zeyad Schwen², Jicheng Wang¹, James R. Roppolo¹, William C. de Groat², Changfeng Tai¹.
¹University of Pittsburgh, Pittsburgh, PA, USA, ²UPMC, Pittsburgh, PA, USA.
- 3:03 p.m. P79 **Pudendal and Tibial Neuromodulation of Spinal Reflex Bladder Activity in Cats**
Zhiying Xiao¹, Marc J. Rogers², Jeremy Reese², Bing Shen¹, Jicheng Wang¹, Zeyad Schwen¹, James R. Roppolo¹, William C. de Groat¹, Changfeng Tai¹.
¹University of Pittsburgh, Pittsburgh, PA, USA, ²UPMC, Pittsburgh, PA, USA.
- 3:06 p.m. P80 WITHDRAWN
- 3:09 p.m. P81 **An In-vitro Animal Model of Ischemia-Reperfusion: Contractile Response of Bladder Detrusor is More Sensitive to Hypoxia than Pelvic Floor**
Amy D. Dobberfuhr¹, Catherine Schuler², Robert E. Leggett², Elise De¹, Robert M. Levin².
¹Albany Medical College, Albany, NY, USA, ²Stratton VA Medical Center, Albany, NY, USA.
- 3:12 p.m. (Prize Essay Award Winner)
- P82 **Neurotransmitter Mechanisms Underlying Pudendal Inhibition of Spinal Reflex Bladder Activity in Cats**
Marc J. Rogers¹, Zhiying Xiao¹, Jeremy Reese¹, Bing Shen¹, Jicheng Wang¹, Zeyad Schwen¹, James R. Roppolo¹, William C. de Groat², Changfang Tai¹.
¹UPMC, Pittsburgh, PA, USA, ²University of Pittsburgh, Pittsburgh, PA, USA.
- 3:15 p.m. P83 **An Ex Vivo Invasion Assay of Collecting Duct Carcinoma: Developing a Chemotherapeutic Response Profile for a Rare Urologic Malignancy**
Neal E. Rowe¹, Ryan McLarty¹, Penny Costello², Warren McDonald², Patrick P. Luke¹.
¹Western University, London, ON, Canada, ²Onco-Screen, London, ON, Canada.

3:18 p.m. P84 **Radiation Therapy Improves Immunogenicity of Human Renal Cell Carcinoma**
Jason Muhitch, Mohammad Habiby Kermany, Lilia Heit, Alexander Wald, Mary Hensen, Scott Abrams, Timothy Winslow, Anurag K. Singh, Thomas Schwaab.
 Roswell Park Cancer Institute, Buffalo, NY, USA.

3:21 p.m. P85 **Local High-dose Radiation Therapy Enhances CD8 T cell Intratumoral Infiltration and Systemic Anti-Tumor Immune Responses in Renal Cell Carcinoma**
Jason Muhitch, Lilia Heit, Timothy Winslow, Mohammad Habiby Kermany, Alexander Wald, Michelle Romano, Graham Warren, Anurag K. Singh, Thomas Schwaab.
 Roswell Park Cancer Institute, Buffalo, NY, USA.

3:24 p.m. P86 **Ex-vivo Tumor Invasion Predicts Clinically Aggressive Subtype in Non-clear Cell Renal Cell Carcinoma**
Neal E. Rowe¹, Jose GomezLemus¹, Ryan McLarty¹, Penny Costello², Warren McDonald², Patrick Luke¹.
¹Western University, London, ON, Canada, ²Onco-Screen, London, ON, Canada.

3:27 p.m. P87 **Synergistic Gene Expression Changes in Prostate Cancer Cells in Response to Valproic Acid and Flutamide**
Raju Chelluri, Mark Woodford, Timothy Byler, Gennady Bratslavsky, Jay E. Reeder.
 SUNY Upstate, Syracuse, NY, USA.

3:30 p.m. P88 **The First Urologic Case Report: The Edwin Smith Surgical Papyrus**
Ari M. Bergman.
 SUNY Downstate College Of Medicine, Brooklyn, NY, USA.

3:33 p.m. P89 **Assessment of Disclosure Training of Urology Residents: Didactic versus Standardized Patient Training**
Diana Cardona-Grau, Laura Chang-Kit.
 Albany Medical Center, Albany, NY, USA.

3:36 p.m. P90 **Validation of a Novel Inanimate Ureteroscopy Training Model and a Simulation-based Flexible Ureteroscopy Training Course**
Andrea G. Lantz¹, Udi Blankstein², J. Matthew Andrews¹, R. John D'A. Honey², Michael Ordon², Kenneth T. Pace², Jason Y. Lee².
¹Dalhousie University, Halifax, NS, Canada, ²University of Toronto, Toronto, ON, Canada.

3:39 p.m. P91 **Study Habits of Canadian Urology Residents**
Thomas A.A. Skinner, Naji J. Touma.
 Queen's University, Kingston, ON, Canada.

3:42 p.m. P92 **Use of Cardiowave Analysis in Patients with Erectile Dysfunction (ED)**
Preeya Khandge¹, Joseph V. DiTrolio¹, Michael LaSalle².
¹Rutgers New Jersey Medical School, Newark, NJ, USA, ²St Barnabas Medical Center, Livingston, NJ, USA.

3:45 p.m. P93 **Inter-institutional Variability in Testicular Volumes by Ultrasound: Implications for Adolescent Varicocele Repair**
Igor Sorokin¹, R. Charles Welliver, Jr.¹, Leon Elebyjian², Paul J. Feustel¹, Andrew McCullough¹.
¹Albany Medical Center, Albany, NY, USA, ²Urological Institute of North Eastern New York, Albany, NY, USA.

7:00 – 10:00 p.m. Pirate Themed Fun Night

SATURDAY

7:30 – 8:30 a.m. Business Meeting & Residents Breakfast

7:30 – 8:30 a.m. Residents Breakfast

8:30 – 8:45 a.m. Best of Friday Posters

8:45 – 9:25 a.m. **Bladder Outlet Obstruction, Detrusor Overactivity with Impaired Contractility -How to Manage These Patients**
Roger Dmochowski, Vanderbilt University

9:25 – 10:15 a.m. **Educational Forum: Refractory Overactive Bladder – Is This a Therapeutic Failure or Different Disease?**
Chris Chermansky, University of Pittsburgh
Roger Dmochowski, Vanderbilt University
Changfeng Tai, University of Pittsburgh
Scott MacDiarmid – Alliance Urology Specialists

10:15 – 10:30 a.m. Break

10:30 – 11:05 a.m. **Nephron Sparing Surgery for Upper Tract Urothelial Cell Carcinoma: Update, Tips and Tricks**
Demetrius Bagley – Jefferson University

11:05 – 11:55 a.m. **Educational Forum: Management of High Risk Muscle Invasive Bladder Cancer**
Philippe Spiess, Moffitt Cancer Center
Wassim Kassouf, McGill University
Jonathan Izawa, Western University

11:55 a.m. – Noon Closing Remarks

12:45 – 5:15 p.m. Resident In-Service Exam & OKAT

Open Afternoon

6:30 – 10:00 p.m. President's Reception & Banquet