

JK Wyatt Urology Residents Research Day

Friday, April 24, 2026
Ronald D. Schmeichel Building for Entrepreneurship and Innovation
Western University, London, ON

Objectives:

1. At the conclusion of the program, participants will be capable of describing the current landscape with respect to equity, diversity and inclusion as it applies to urology.
2. At the conclusion of the program, participants will be capable of managing basic functional urology problems.
3. At the conclusion of this program, participants will be capable of describing the clinical and basic science projects conducted by Western University Trainees in the following areas: 1. Pediatrics; 2. Oncology; 3. Endourology; 4. Transplantation; 5. Medical Education;
6. Functional Urology

AGENDA

7:00 - 7:50 Registration

8:00 - 8:10 Welcome and Introductions: Dr. S. Pautler, Dr. J. Bjazevic, Dr. A. Sener

SESSION I: Fundamental Sciences and Surgical Innovation Node

Moderator: Dr. B. Inman

5-minute presentation + 5-minute Question/Answer Period

08:10-08:20 B. Li: Three-Dimensional Reconstruction of Cystoscopic Video for Surgical Planning: A Feasibility Study (Dr. N. Power)

08:20-08:30 A. Gupta: Development of a Novel Imaging-based Surgical Complexity Score for Radical Cystectomy (Dr. J. Izawa)

08:30-08:40 M. Smith: Comparison of Clinical Outcomes and Cost. Mini vs. Standard PCNL for Renal Calculi: Update (Dr. J. Denstedt)

08:40-08:50 S. Iereidis: Comparison of the clinical outcomes and the Laser energy consumption of Holmium:YAG (Ho:YAG) laser versus the Thulium Fiber Laser (TFL) for the treatment of upper urinary tract calculi (Dr. H. Razvi)

08:50-09:00 R. Ferreira: Optilume balloon dilation for urethral strictures: Real world success of and time to reintervention. (Dr. Blayne Welk)

09:00-09:10 L. Scanlon: Congestive Nephropathy as a Paradigm Shift in Understanding Renal Dysfunction in RCC with IVC Tumour Thrombus (Dr. N. Power)

SESSION II: Surgical Education Node

Moderator: Dr. S. Dave

5-minute presentation + 5-minute Question/Answer Period

09:10-09:20 V. Turnbull: Use of the Computer-based Assessment for Sampling Personal Characteristics (CASPer) Situational Judgement Test in Undergraduate and Post-graduate Medical Admissions: A Scoping Review of the Available Evidence (Dr. J. Bjazevic)

09:20-09:35 **Faculty Lecturer, Dr. Melissa Huynh:** *Contemporary Imaging of Renal Cell Carcinoma*
Objectives: i) Review conventional imaging of renal cell carcinoma , ii) Describe the contemporary role of PET imaging in clear cell renal cell carcinoma 10- minute presentation + 5 minute Question/Answer Period

9:35-10:10 Refreshment/Health Break (35 minutes)

SESSION III: Quality Improvement & Patient Centered Research

Moderator: Dr. N. Power

- 10:10-10:20 J. Wong: Office-Based Versus Operating Room Circumcision: A Comparative Cost Analysis
(Dr. J. Campbell)
- 10:20-10:30 H. Rotz: Cost and Environmental Impact of Reusable and Single-Use Flexible Ureteroscopes at a Canadian Academic Centre
(Dr. J. Denstedt)
- 10:30-10:40 T. Ismail: The efficacy of prebiotic HMOS in Improving Renal Transplant Outcomes
(Dr. A. Sener)
- 10:40-10:50 C. Wang: Single-Centre 5-Year Retrospective Analysis of Post-TRUS Prostate Biopsy Infections: A Quality Improvement Initiative
(Dr. S. Pautler)
- 10:50-11:00 M. Nejad Mansouri: Cystectomy Quality Review Following Identification of Elevated Positive Surgical Margin Rates by Cancer Care Ontario: A Single-Centre Quality Improvement Study
(Dr. N. Power)
- 11:00-11:30 **Guest Professor, Dr. Ashley Cox:** *Female Stress Urinary Incontinence: The Common and the Complex*
Objectives: i) To review guideline-based treatments for female stress urinary incontinence in 2026
ii) In a case-based fashion, discuss treatment options for female stress urinary incontinence in complex scenarios
– 20-minute presentation + 10-minute Question/Answer Period
- 11:30-11:45 **Golden Stream Quiz** *The Greatest test of urology knowledge*
D. Matti, V. Turnbull and A. Rao

11:45-01:00 Lunch Break and Social Networking

- 01:00 -01:15 **Faculty Lecturer, Dr. Blayne Welk:** *Urodynamics in Male Patients with BPH/LUTS—More Questions Than Answers?*
Objectives: i) Describe the potential role of urodynamic testing in evaluating men with BPH/LUTS who are being considered for outlet surgery.ii) Interpret key urodynamic findings (e.g., BOO, detrusor underactivity, detrusor overactivity) and understand how they influence surgical outcomes and counselling.iii) Identify clinical scenarios where selective urodynamic testing may meaningfully alter management decisions prior to BPH surgery. 10- minute presentation + 5-minute Question/Answer Period

SESSION IV: Big Data/ICES Node**Moderator: Dr. B. Welk***5-minute presentation + 5-minute Question/Answer Period*

- 01:15-01:25 D. Matti: Sex-specific and obesity-associated differences in stage at presentation of bladder cancer: A multi-centre analysis from the Canadian Bladder Cancer Information System
(Dr. J. Izawa)
- 01:25-01:35 A. Afenu: Immigration Status and Prostate Cancer Diagnostic Pathways and Outcomes in Ontario, Canada: A Population-Based Cohort Study.
(Dr. J. Izawa)
- 01:35-01:45 E. Li: Which medication is most effective for catheter-associated bladder discomfort? A systematic review and metanalysis
(Dr. J. Bjazevic)
- 01:45-01:55 A. Alturki: The Prevalence of Vitamin D Deficiency Among Patients with Calcium Oxalate Stones and the Clinical and Metabolic Impact of Vitamin D Supplementation
(Dr. J. Bjazevic/Dr. H. Razvi)

1:55-02:10 Refreshment/Health Break (15 minutes)

- 02:10-02:40 **Guest Professor, Dr. Ashley Cox: *Gender Equity in Urology: Where are we in 2026?***
Objectives: i) Analyze current gender-based disparities in urology, ii) To assess changes in the demographics of Canadian urologists, iii) To discuss ways to minimize gender-based disparities in the future – *20-minute presentation + 10-minute Question/Answer Period*
- 02:40-02:45 Thank you, wrap up, surveys
- 03:00-04:00 Resident Round Table with Guest Professor

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University. You may claim a maximum of XX hours (credits are automatically calculated).

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