

JK Wyatt Urology Residents Research Day

Friday, June 4, 2021
Via Zoom

AGENDA

7:45 – 8:00 Welcome and Introductions: Dr. A. Sener, Dr. S. Dave, Dr. P. Wang

5 min presentations followed by 3 minutes Question/Answer

SESSION I: Patient Centered Research Node Part 1

Moderator: Dr. M. Huynh

- 8:00 – 8:08 F.Berto: Minimally Invasive Pyeloplasty and Upper Tract Reconstruction – A Retrospective Review
- 8:08 – 8:16 N.Stern: A CUSUM Analysis of Operative Times and Complications for a Surgeon Initiating Robot-Assisted Pyeloplasty – A Predictable Decrease in Operative Time is Possible by Case 30
- 8:16 – 8:24 L.Stringer: Time to Re-Intervention in Pyeloplasty: An Analysis of Appropriate Follow-up Duration
- 8:24 – 8:32 C.MacLeod: Decision Aids for Patients with Lower Urinary Tract Dysfunction: A Systematic Review
- 8:32 – 8:40 D.Halstuch: A Randomized Controlled Trial of a Modified Cystoscopy Technique using the Peak-End Rule in Order to Improve Pain and Anxiety
- 8:40 – 8:48 W.Luke: Vitamin Supplementation and 24-Hour Urine Parameters in Patients with Urolithiasis
- 8:48 – 8:56 B.Liu: Prospective Evaluation of Postoperative Pain and Opioid Use After Minor Urologic Surgery
- 8:56 – 9:04 S.Sami: Postoperative Opioid Use Following Transurethral Surgery: An Institutional Audit and Development of an Opioid Reduction Strategy
- 9:04 – 9:12 B.Wallace: A Survey of Patient-Reported Anxiety Prior to Urological Surgery

SESSION II: Big Data/ICES Node

Moderator: Dr. B. Welk

- 9:12 – 9:20 D.Golomb: A Population-Based Retrospective Cohort Study Analyzing Contemporary Trends in the Surgical Management of Urinary Stone Disease in Adults
- 9:20 – 9:28 J.Clark: Factors which Delay Surgery for Undescended Testis in Ontario: A Retrospective Population-Based Cohort Study on Timing of Orchidopexy between 2006 and 2012
- 9:28 – 9:43 J.Law: *Visual Recognition Competition*

9:43 – 10:00 Refreshment/Health Break

10:00 – 10:25 Guest Professor, **Dr. Robert Uzzo**: *“RCC: In the Beginning”*

SESSION III: Fundamental Sciences and Surgical Innovation Node Moderator: **Dr. J. Campbell**

10:25 – 10:33 A.Lavi: Using DNA Methylation Profiling to Differentiate Good from Poor Prognosis Muscle Invasive Bladder Cancer – Preliminary Results

10:33 – 10:41 H.Abed: Macroscopic Examination versus Histological Grading to Predict Renal Allograft Function

10:41 – 10:49 M.Pignanelli: The Effect of mTOR Inhibitor Rapamycin on Calcium Oxalate Nephrolithiasis Formation in a Dietary *Drosophila melanogaster* Model

10:49 – 10:57 J.Mello: Impact of Gastroduodenal Artery Reconstruction in Prevention of Duodenal Leaks after Simultaneous Pancreas-Kidney Transplantation

SESSION IV: Surgical Education Node Moderator: **Dr. J. Bjazevic**

10:57 – 11:05 J.Cepek: Endoscopic Simulator: A Construct Validity Study

11:05 – 11:13 E.Chan: Burnout in Canadian Urology: Cohort Analysis from the 2018 Canadian Urological Association Census

11:13 – 11:28 Farewell to the Chiefs presentation

11:28 – 11:53 Guest Professor, **Dr. Robert Uzzo**: *“RCC: In the Middle and Toward the End”*

Conclusions (Evaluation):

11:53 – 12:05 Dr. Sener Summary and Closing Remarks, Awards and Program Evaluation

- Best Presentation Award – Resident
- Best Presentation Award - Fellow

Learning Objectives:

At the end of this educational activity, the participant will be able to:

1. List node-specific resident/fellow research being conducted at Western University in the following areas:
 - a. Uro-oncology
 - b. Endourology
 - c. Transplantation
 - d. Urinary voiding dysfunction
 - e. Pediatric urology
 - f. Surgical education
2. Implement the knowledge from node-specific resident/fellow research into clinical practice
3. Describe the modern surgical management of advance kidney cancer

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 3.5 hours (credits are automatically calculated).

Western University Jack Wyatt Urology Residents' Research Day

This program was supported in part by educational grants from the following:



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