

## UROLOGY RESIDENT SEMINAR SCHEDULE – 2024 January to June

CanMEDs = Medical Expert (ME), Professional (P), Communicator (Com), Scholar (Sc), Collaborator (Col), Leader (L), Health Advocate (HA)

Note: Assigned Residents are to contact the Preceptor Faculty a minimum of 3 weeks in advance of the session to determine learning objectives for the session. These objectives are to be sent to the Program Administrator a minimum of 1 week in advance of the session.

DATE	TIME	LOCATION	SESSION TOPIC	CAMPBELL'S CHAPTERS/TOPICS	PRESENTER-FACILITATOR	OBJECTIVES	ROYAL COLLEGE COMPETENCIES	
<b>BLOCK 9 - RENAL TRANSPLANTATION</b>								
<b>January</b>	2	7:00-12:00 pm		<i>*No Seminars: PGY1-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident</i>				
	9	7:00-11:00 am		BiAnnual Resident Review Meetings (Zoom)				
	16	8:00-10:00 am	Zoom	Renal Transplantation	Etiology, pathogenesis and management of renal failure Renal transplantation Urologic complications of renal transplantation Urologic Considerations in Pediatric Renal Transplantation	Dr. Sener M.NejadMansouri	1.3.6 Immunology of transplantation; 1.3.8 Pharmacology as it relates to the pharmacokinetics, pharmacodynamics, mechanisms or action, routes of delivery and elimination, and adverse effects of medications used to treat urology conditions; 2.2.6.1 Biochemical studies; 2.2.3 Assess the patient's functional status and quality of life; 2.2.6.1 Biochemical studies; 2.2.6.7.2.1. Vascular studies of the renal, gonadal, and penile vessels;	
	23	8:00-1:00 pm	Zoom	Renal Physiology	Renal physiology and pathophysiology incl renovascular HT Renal insufficiency and ischemic nephropathy	Nephrology Dr.F.Rehman A.Gupta	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 1.3.5 Pathophysiology of renovascular hypertension; 2.2.6.7.6 Angiography of the renal vasculature; 2.2.6.1 Biochemical studies; 2.2.6.7.2.1. Vascular studies of the renal, gonadal, and penile vessels	
<b>BLOCK 10 - TRAUMA AND FISTULA</b>								
<b>Jan.</b>	30	8:00-10:00 am	Zoom	Trauma	Upper Urinary Tract Trauma Pediatric Genitourinary Trauma	Dr. Bjazevic M.Smith	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 2.2.1 Perform a focused physical exam and urological history, including past and present medical history relevant to the urological care of the patient; 2.2.6.7 Medical imaging; 2.2.6.7.2.1. Vascular studies of the renal, gonadal, and penile vessels; 2.4.6. Trauma affecting the urinary tract and external genitalia, including the genitourinary aspects of multi-system trauma; 3.1 Determine the most appropriate procedures or therapies	
	<b>February</b>	6	8:00-10:00 am	Zoom	Lower Trauma and Fistula	Genital and LUT trauma Urinary tract fistulae	Dr. Welk C.MacLeod	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 2.2.1 Perform a focused physical exam and urological history, including past and present medical history relevant to the urological care of the patient; 2.2.6.7 Medical imaging; 2.2.6.7.2.1. Vascular studies of the renal, gonadal, and penile vessels; 2.4.6. Trauma affecting the urinary tract and external genitalia, including the genitourinary aspects of multi-system trauma; 2.4.4. Urinary fistulae; 3.1 Determine the most appropriate procedures or therapies
13		8:00-10:00 am	Shuttleworth Aud SJHC		topic tbd	Dr.L.Campeau Guest Professor		
<b>BLOCK 11 - REPRODUCTIVE &amp; SEXUAL FUNCTION</b>								
<b>February</b>	20	8:00-10:00 am	Zoom	Reproduction	Male reproductive physiology Male infertility Surgical management of male infertility	Dr. Brock W.Luke	date confirmed	1.3.4 Male fertility, sexual, and gonadal function; 2.2.3 Assess the patient's functional status and quality of life; 2.2.1 Perform a focused physical exam and urological history, including past and present medical history relevant to the urological care of the patient; 2.2.6.4. Semen analysis: qualitative and quantitative; 2.2.6.6. Histopathology of benign, malignant and inflammatory lesions of the adrenal gland, kidney, urothelium, prostate, testis, and penis; 2.4.8. Disorders of andrology, including sexual dysfunction, male factor infertility, and hypogonadism; 3.1.15. Genital surgery; 3.1.9. Hormonal therapy
	27	8:00-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Reproductive Anatomy	Surgical, radiographic, and endoscopic anatomy of the male reproductive system Surgery for benign disorders of the penis and urethra	T.Beveridge Dr.P.Crivallero to present via Zoom @ beginning for 30 mins M.Playfair	Outline the intrinsic neurovasculature of the penis; Identify the segments of the male urethra and the constituent features related to the ejaculatory ducts	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 2.2.6.7 Medical imaging; 2.4.10. Disorders of the male external genitalia, including cutaneous lesions; 3.1.15. Genital surgery; 3.1.10. Diagnostic endoscopy of the upper and lower urinary tract;
<b>March</b>	5	8:00-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Erectile Dysfunction	Physiology of penile erection and pathophysiology of erectile dysfunction Evaluation and management of erectile dysfunction; Diagnosis and management of Peyronie disease Surgery for erectile dysfunction	T.Beveridge Dr. Campbell H.Abed	Describe the morphology of the erectile tissues, and associated fascia in the penis; Localize and trace the extrinsic neurovasculature of the penis within the pelvis	1.3.4 Male fertility, sexual, and gonadal function; 2.2.3 Assess the patient's functional status and quality of life; 2.2.1 Perform a focused physical exam and urological history, including past and present medical history relevant to the urological care; 2.2.3 Assess the patient's functional status and quality of life; 2.2.1 Perform a focused physical exam and urological history, including past and present medical history relevant to the urological care of the patient; 3.1.7. Intracavernosal therapies; 2.2.6.6. Histopathology of benign, malignant and inflammatory lesions of the adrenal gland, kidney, urothelium, prostate, testis, and penis; 2.4.8. Disorders of andrology, including sexual dysfunction, male factor infertility, and hypogonadism; 3.1.15. Genital surgery
	12	8:00-12:00 pm		<i>*No Seminars: PGY1-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident (March Break Week March 12-16, 2024)</i>				
	19	8:00-10:00 am	Zoom	Sexual and Erectile Pathology	Priapism Disorders of male orgasm and ejaculation Integrated men's health: androgen deficiency, cardiovascular risk, and metabolic syndrome Sexual function and dysfunction in the female	Campbell/fellow A.Afenu	1.3.4 Male fertility, sexual, and gonadal function; 2.2.3 Assess the patient's functional status and quality of life; 2.2.1 Perform a focused physical exam and urological history, including past and present medical history relevant to the urological care of the patient; 3.1.7. Intracavernosal therapies; 2.2.6.6. Histopathology of benign, malignant and inflammatory lesions of the adrenal gland, kidney, urothelium, prostate, testis, and penis; 2.4.8. Disorders of andrology, including sexual dysfunction, male factor infertility, and hypogonadism; 3.1.15. Genital surgery	
<b>BLOCK 12 - PROSTATE</b>								
<b>March</b>	26	8:00-10:00 am	Zoom	BPH	Development, Molecular Biology & Phys of Prostate BPH: Etiology, Pathophys, Epidemiology & Natural History Eval and Non-Surgical Mgmt of BPH Minimally Invasive & Endoscopic Mgmt of BPH	Dr. Razvi B.Li	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 1.3.8 Pharmacology as it relates to the pharmacokinetics, pharmacodynamics, mechanisms or action, routes of delivery and elimination, and adverse effects of medications used to treat urology conditions; 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 2.3.6.3 Urine tests; 2.4.2. Obstructive disorders of the upper and lower urinary tract; 3.1.10. Diagnostic endoscopy of the upper and lower urinary tract; 3.1.11. Therapeutic endoscopy of the upper and lower urinary tract; 3.1.14. Pelvic surgery; 3.2 Obtain and document informed consent, explaining the risks and benefits of, and the rationale for, a proposed procedure or therapy	

**BLOCK 13 - PROSTATE**

April	2	8:00-12:00 pm		*No Seminars: PGY1-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident				
	9	7:00-12:00 pm		Sim Lab ??				
	16	8:00-10:00 am		?? Hold for potential guest professor				
	23	8:00-10:00 am	Prostate Ca Screening	Epidemiology, Etiology & Prevention of Prostate Ca Prostate Ca Biomarkers Prostate biopsy: techniques and imaging	Dr.Ryan McLarty Urol. Windsor L.Stringer	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 1.3.9.1 Risk factors, incidence and prevalence, genetic predisposition, and growth and dissemination patterns, and prognostic variables; 1.3.9.2 Use of tumour markers for screening and surveillance; 2.2.6.7.2.2. Ultrasound guided fine needle aspiration, needle core biopsy, and drainage; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant		
	30	8:00-10:00 am	Prostate Ca Diagnosis	Pathology and prostatic neoplasia Diagnosis and staging of prostate cancer Active surveillance of prostate cancer	Dr. Inman A.Gupta	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 1.3.9.3 Staging of neoplasms urins tumour-node-metastasis (TNM) staging system or other relevant classification system, and applicable predictive and prognostic indices; 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 1.3.9.2 Use of tumour markers for screening and surveillance; 2.2.6.7.2.2. Ultrasound guided fine needle aspiration, needle core biopsy, and drainage; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant		
May	7	*No seminars: AUA Annual meeting May 3-6, San Antonio, Tx						
	14	8-10:00 am	Prostate Ca Local	Active management strategies of localized prostate cancer Treatment of Locally Advanced Prostate Ca Radiation Therapy for Prostate Cancer Focal therapy for Prostate Cancer	Dr. Joelle Helou Oncology V.Turnbull	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 1.3.9.4 Treatment options including the role of surgery, hormonal therapy, radiation therapy, chemotherapy, and immunotherapy; 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 2.2.6.7 Medical imaging; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant; 3.1.10. Diagnostic endoscopy of the upper and lower urinary tract; 3.1.11. Therapeutic endoscopy of the upper and lower urinary tract; 3.1.14. Pelvic surgery; 1.3.11.2. Cryotherapy		
	21	8-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Prostate Ca Surgery	Surgical, radiographic and endoscopic anatomy of the male pelvis Simple prostatectomy: open and robot-assisted lap Open radical prostatectomy Lap & Robotic-Assisted Lap Rad Prostatectomy & PLND	T. Beveridge & Endo Fellow M.Basulto (Dr. Inman to develop objectives) M.NejadMansouri	Apply an understanding of the neurovascular bundle of Walsh and Denonville's fascia to perform a nerve-sparing approach to the prostate	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 1.3.9.4 Treatment options including the role of surgery, hormonal therapy, radiation therapy, chemotherapy, and immunotherapy; 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 3.1.14. Pelvic surgery;
	28			Prostate CA Advanced	Management of biochemical recurrence of prostate Ca Hormonal therapy for prostate Ca Treatment of castration resistant prostate Ca	Dr. Winquist Oncology M.Smith	1.3.9.4 Treatment options including the role of surgery, hormonal therapy, radiation therapy, chemotherapy, and immunotherapy; 1.3.9.5 Principles of palliative and end-of-life care; 2.2.6.2 Tumour markers; 2.2.6.7 Medical imaging; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant; 3.1.14. Pelvic surgery; 1.3.8 Pharmacology as it relates to the pharmacokinetics, pharmacodynamics, mechanisms or action, routes of delivery and elimination, and adverse effects of medications used to treat urology conditions; 2.2.6.7.3.3. Bone scan for staging of malignancy	
June	4	7:00-11:00 am	Zoom	BiAnnual Resident Review Meetings	Drs. Wang and Campbell			
	11							
	18			?? CUA 2024 date				
	25	No Seminars: Transition time (?? Dates for CUA 2024)						