

UROLOGY RESIDENT SEMINAR SCHEDULE – 2023 July to December

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
BLOCK 1 - EVALUATION OF THE UROLOGIC PATIENT							
4	7:00 am -12:00 pm			*No Seminars: PGI1s = Surgical Foundations Bootcamp (all day July 4-14, 2023) PGY2-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident			
11	7:00 am -12:00 pm			*No Seminars: PGI1s = Surgical Foundations Bootcamp (all day July 4-14, 2023) PGY2-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident			
July	8:00 -10:00 am	*InPerson* Urol Conf Rm SJHC	Evaluation of the Urologic Patient, Part 1	Program Orientation: 8:00 am Chiefs only; 8:15 am (PGY1s plus PGY5s) 8:30 am (PGY1-3): History and Physical Exam (1); Testing and Imaging (2); Intraoperative Consult (19)	Drs.Wang/Campbell Dr. Wang A.Afenu	i. Describe a urological history and physical; ii. the difference between adult and pediatric urological history and physical exam; iii. Describe common investigations and imaging studies in Urology; iv. Describe common intraoperative consults v. demonstrate an approach to developing a differential diagnosis	1.3.3 Normal physiologic and anatomic changes of the urinary tract during pregnancy; 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; 2.2.3 Assess the patient's functional status and quality of life; 2.2.6.1 Biochemical studies; 2.2.6.2 Tumour markers; 2.3.6.3 Urine tests; 2.2.6.7.3 Radioisotope studies; 2.4.15. Urological disorders in pregnancy
	10:30 -11:30 am	Urol Conf Rm SJHC		Resident Meeting with the Chiefs (mandatory PGY1-5)	B.Liu L.Stringer		
July	8:00 -10:00 am	Zoom	Evaluation of the Urologic Patient, Part 2	Urologic Considerations in Pregnancy (18); Evaluation and Management of Hematuria (16); Lower Urinary Tract Catheterization (11)	Dr. Bjazevic J.Wong		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; 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 1.3.9 Principles of oncology as they apply to neoplasms of the adrenal gland, kidney, urothelium, prostate, testis, penis, and malignancies metastatic to the genitourinary tract; 2.2.6.1 Biochemical studies; 2.2.6.2 Tumour markers; 2.3.6.3 Urine tests; 2.2.6.7 Medical imaging; 2.4 Establish a patient centred management plan for patients with the following: 3.1.10. Diagnostic endoscopy of the upper and lower urinary tract; 3.1.11. Therapeutic endoscopy of the upper and lower urinary tract
August	7:00 am -12:00 pm			*No Seminars: PGY1-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident			
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August	8:00 -10:00 am	Zoom	Fundamentals of Urologic Obstruction, Part 3	Mgmt of Upper Urinary Tract Obstruction (89) Fundamentals of Upper Urinary Tract Drainage (12)	Dr. Razvi D.Matti		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; 2.2.6.1 Biochemical studies; 2.4. 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;
BLOCK 2 - PROFESSIONALISM AND PATIENT SAFETY							
August	8:00 -10:00 am	Zoom	Patient Safety of Urologic Care	Ethics and Informed Consent; Assessment of Urologic and Surgical Outcomes (6); Complications of Urologic Surgery (17) *include epi / critical appraisal	Dr. Pautler V.Turnbull		3.2 Obtain and document informed consent, explaining the risks and benefits of, and the rationale for, a proposed procedure or therapy
	7:00 am -12:00 pm			*No Seminars: PGY1-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident			
BLOCK 3 - FUNDAMENTALS OF UROLOGIC IMAGING							
September	8-10:00 am	Zoom	Embryology and Urological Imaging	UT Imaging: Basic Principles of CT, MRI, & Plain Film Imaging (3); Urinary Tract Imaging: Principles of urologic ultrasonography (4); Urinary Tract Imaging: Basic Principles of Nuclear Medicine (5)	Dr.P.Crivellaro and Dr.V.Kalia (GU Rad) B.Li		1.3.1 Embryology, and normal growth and development of the genitourinary tract; 1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 2.2.6.7 Medical imaging; 2.2.6.7.2 Ultrasonography of the kidney, bladder, prostate, and scrotal contents; 2.2.6.7.3 Radioisotope studies; 2.2.6.7.3.1. Renal scans; 2.2.6.7.3.3. Bone scan for staging of malignancy; 2.2.6.7.4 Computer tomography (CT) of the abdomen and pelvis, including CT urogram; 2.2.6.7.5 Magnetic resonance imaging (MRI) scanning of the urinary tract
	10-12:00 noon	Zoom	Embryology and Urological Imaging	Embryology of the GU Tract (20)	Dr. Dave H.Rotz		1.3.1 Embryology, and normal growth and development of the genitourinary tract; 1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 2.2.6.7 Medical imaging; 2.2.6.7.2 Ultrasonography of the kidney, bladder, prostate, and scrotal contents; 2.2.6.7.3 Radioisotope studies; 2.2.6.7.3.1. Renal scans; 2.2.6.7.3.3. Bone scan for staging of malignancy; 2.2.6.7.4 Computer tomography (CT) of the abdomen and pelvis, including CT urogram; 2.2.6.7.5 Magnetic resonance imaging (MRI) scanning of the urinary tract
BLOCK 4 - PERIOPERATIVE MANAGEMENT OF THE UROLOGIC PATIENT							
September	7:00-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Perioperative Evaluation & Basics of Urologic Surgery	Principles of Urologic Surgery: Perioperative Care (8); Incisions and Access (9); Intraoperative Technical Decisions (10)	T.Beveridge and Dr.Huynh M.Playfair	ANATOMY LO: Layers of anterior abdominal wall (laparotomy > peritoneal cavity and suprapubic > retzius), extent of the peritoneal cavity (no mobilization, just explore) "to be revised"	2.2.4 Assess peri-operative risk; 1.3.11 Principles of the therapeutic techniques used in urologic practice; 3.1.12. Laparoscopic surgery, including robot assisted laparoscopic surgery; 3.1.13. Abdominal/retroperitoneal surgery; 3.1.14. Pelvic surgery; 1.3.2 Anatomy, physiology, and pathology of the genitourinary tract
	8-10:00 am	Zoom	Principles of Endoscopic and Minimally Invasive Surgery in Urology	Principles of Urologic Endoscopy (13); Fundamentals of Laparoscopic and Robotic Urologic Surgery (14); Basic Energy Modalities in Urologic Surgery (15); Radiation/Laser Safety	Dr. Bjazevic M.NejadMansouri		1.3.11 Principles of the therapeutic techniques used in urologic practice; 1.3.11.8. Laparoscopy; 3.1.10. Diagnostic endoscopy of the upper and lower urinary tract; 3.1.11. Therapeutic endoscopy of the upper and lower urinary tract; 3.1.12. Laparoscopic surgery, including robot assisted laparoscopic surgery; 1.3.11.9. Laser surgery; 1.3.10 Biology and safety related to the use of radiation, laser and cytotoxic interventions
	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			

BLOCK 5 - BASIC SCIENCES							
Oct.	3	8-10:00 am	Zoom	Immunology in Urological Oncology	Basic Principles of Immunology and immunotherapy in urologic oncology (61); Molecular Genetics & Cancer Biology (62)	Dr. Winquist (MedOnc) A.Gupta	1.3.9 Principles of oncology as they apply to neoplasms of the adrenal gland, kidney, urothelium, prostate, testis, penis, and malignancies metastatic to the genitourinary tract. 1.3.9.4 Treatment options including the role of surgery, hormonal therapy, radiation therapy, chemotherapy, and immunotherapy. 1.3.9.1 Risk factors, incidence and prevalence, genetic predisposition, and growth and dissemination patterns, and prognostic variables; 1.3.11 Principles of the therapeutic techniques used in urologic practice; 1.3.11.7. Immunotherapy; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant
BLOCK 6 - TESTIS							
October	10	8-10:00 am	Zoom	Neoplasms of the Testis	Surgery for Testicular Tumors (77); Laparoscopic and robotic-assisted retroperitoneal lymphadenectomy for testicular tumors (78)	Dr. Power C.MacLeod	1.3.9 Principles of oncology as they apply to neoplasms of the adrenal gland, kidney, urothelium, prostate, testis, penis, and malignancies metastatic to 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; 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; 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. 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 2.2.6.1 Biochemical studies; 2.2.6.2 Tumour markers; 2.2.6.7 Medical imaging; 2.2.6.7.3 Radioisotope studies; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant; 3.1.12. Laparoscopic surgery, including robot assisted laparoscopic surgery; 3.1.13. Abdominal/retroperitoneal surgery; 3.1.14. Pelvic surgery
	17	8-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Retroperitoneal Anatomy and Principles of Scrotal Surgery	Surgical, radiographic, and endoscopic anatomy of the retroperitoneum (75); Surgery of the scrotum and seminal vesicles (83)	T.Beveridge Dr. Wang W.Luke	3.1.13. Abdominal/retroperitoneal surgery; 1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 2.2.6.7 Medical imaging; 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;
BLOCK 7 - MALE GENITALIA							
October	24	8-10:00 am	Zoom	Neoplasms of the External Genitalia	Tumors of the penis (79); Tumors of the urethra (80)	Dr. Inman M.Smith	1.3.9 Principles of oncology as they apply to neoplasms of the adrenal gland, kidney, urothelium, prostate, testis, penis, and malignancies metastatic to 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; 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; 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. 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 2.2.6.7 Medical imaging; 3.1.14. Pelvic surgery; 3.1.10. Diagnostic endoscopy of the upper and lower urinary tract; 3.1.11. Therapeutic endoscopy of the upper and lower urinary tract; 3.1.13. Abdominal/retroperitoneal surgery; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant
	31	8-12:00 pm	<i>*No Seminars: PGY1-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident</i>				
Nov.	7	8-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Principles of Inguinal Nodel Dissection	Inguinal node dissection (81)	T.Beveridge and Dr. Power H.Abed	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 3.1.13. Abdominal/retroperitoneal surgery; 3.1.14. Pelvic surgery; 3.1.15. Genital surgery;
BLOCK 8 - RENAL/UPPER URINARY TRACT MASSES							
November	14	8-10:00 am	Zoom	Neoplasms of the Kidney	Benign Renal Tumors (96); Malignant Renal Tumors (97)	Dr. Sener D.Matti	1.3.9 Principles of oncology as they apply to neoplasms of the adrenal gland, kidney, urothelium, prostate, testis, penis, and malignancies metastatic to 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; 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; 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. 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 2.2.6.7 Medical imaging; 2.2.6.1 Biochemical studies; 2.2.6.2 Tumour markers; 2.4.7. Neoplasms of the genitourinary tract: benign and malignant
	21	8-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Kidney and Ureteric Anatomy	Surgical, radiologic and endoscopic anatomy of the kidney and ureter (84)	T.Beveridge, Dr.Wang, Dr.Denstedt	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 2.2.6.7 Medical imaging; 3.1.10. Diagnostic endoscopy of the upper and lower urinary tract; 3.1.11. Therapeutic endoscopy of the upper and lower urinary tract;
	28	<i>*No Seminars: PGY1-5 = Protected time for research or personal/wellness to be used at the discretion of the individual resident</i>					
December	5	8-10:00 am	Zoom	Neoplasms of the Ureter and Retroperitoneum	Urothelial tumors of the upper urinary tract & ureter (80); Retroperitoneal tumors (100); Surg Management of UUT Tumors (99)	Dr. Luke L.Stringer	1.3.9 Principles of oncology as they apply to neoplasms of the adrenal gland, kidney, urothelium, prostate, testis, penis, and malignancies metastatic to 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; 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; 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. 2.2.3 Assess the patient's functional status and quality of life; 2.2.4 Assess peri-operative risk; 2.2.6.7 Medical imaging; 2.2.6.1 Biochemical studies; 2.2.6.2 Tumour markers; 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; 3.1.13. Abdominal/retroperitoneal surgery; 3.1.14. Pelvic surgery; 2.2.6.7.3 Radioisotope studies
	12	8-12:00 pm	MSB483 Med.Sci.Bldg Anatomy Lab, UWO	Principles of Renal Surgery	Open surgery of the kidney/Anatomy (101); Lap and robot surgery of the kidney (102)	T.Beveridge (Ethicon); Dr. Sener B.Liu	1.3.2 Anatomy, physiology, and pathology of the genitourinary tract; 3.1.13. Abdominal/retroperitoneal surgery; 3.1.14. Pelvic surgery; 3.1.12. Laparoscopic surgery, including robot assisted laparoscopic surgery; 3.1.2. Blood products and hemostatic agents;
	19	8-10:00	Zoom	Advanced and Non-Surgical Treatment of Renal Neoplasms	Non-surgical focal therapy for renal tumors (103); Treatment of advanced renal cell Ca (104)	Dr. Correa (RadOnc) H.Rotz	1.3.9 Principles of oncology as they apply to neoplasms of the adrenal gland, kidney, urothelium, prostate, testis, penis, and malignancies metastatic to 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; 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. 2.4.7. Neoplasms of the genitourinary tract: benign and malignant; 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; 2.2.6.1 Biochemical studies; 2.2.6.2 Tumour markers; 1.3.8 Pharmacology as it relates to the pharmacokinetics, pharmacodynamics, mechanisms of action, routes of delivery and elimination, and adverse effects of medications used to treat urology conditions; 1.3.11.7. Immunotherapy; 1.3.11.11. Radiofrequency ablation; 2.2.6.7.3 Radioisotope studies; 3.1.6. Radiofrequency ablation/ cryotherapy