

**RESIDENT SEMINAR TOPICS - Campbell's Urology 11th Edition (2016)**

**UROLOGY READING SCHEDULE BY PGY YEAR**

Ch.	Section	Title	YEAR 1	YEAR 2	YEAR 3	YEAR 4
1	Clinical Decision Making	Evaluation of the Urologic Patient: History, Phys Exam & Urinalysis	1			
2		Urinary Tract Imaging: Basic Principles of CT, MRI and plain film	1			
3		Urinary Tract Imaging: Basic Principles of Urologic Ultrasonography	1			
4		Outcomes Research	1			
5	Basics of Urologic Surgery	Core Principles of Periop Care	1			
6		Fundamentals of Instrumentation & Urinary Tract Drainage	1			
7		Principles of Endoscopy	1			
8		Percutaneous Approaches to the Upper Urinary Tract Collecting System	1			
9		Evaluation and Management of Hematuria	1			
10		Fundamentals of Laparoscopic & Robotic Urologic Surgery	1			
11		Basic Energy Modalities in Urologic Surgery	1			
12	Infections & Inflammation	Infections of the Urinary Tract	1			
13		Inflammation and Pain Conditions of the Male Genitourinary Tract: Prostatitis and Related Pain Conditions: Orchiditis, Epididymitis	1			
14		Bladder Pain Syndrome (Interstitial Cystitis) & Related Disorders	1			
15		Sexually Transmitted Diseases	1			
16		Cutaneous Diseases of the External Genitalia	1			
17		Tuberculosis & Other Opportunistic Infections of the GU System	1			
18	Molecular & Cellular Biology	Basic Principles of Immunology and Immunotherapy in Urologic Oncology	1			
19		Molecular Genetics & Cancer Biology	1			
20		Principles of Tissue Engineering	1			
21	Reproductive & Sexual Function	Surgical, Radiographic and Endoscopic Anatomy of the Male Reproductive System	1			
22		Male Reproductive Physiology	1			
23		Integrated Men's Health: Androgen Deficiency, Cardiovascular Risk, and Metabolic Syndrome		1		
24		Male Infertility			1	
25		Surgical Management of Male Infertility			1	
26		Physiology of Penile Erection & Pathophysiology of Erectile Dysfunction			1	
27		Evaluation & Management of Erectile Dysfunction			1	
28		Priapism			1	
29		Disorders of Male Orgasm and Ejaculation			1	
30		Surgery for Erectile Dysfunction			1	
31		Diagnosis and Management of Peyronie's Disease			1	
32		Sexual Function & Dysfunction in the Female			1	
33	Male Genitalia	Surgical, Radiographic and Endoscopic Anatomy of the Retroperitoneum			1	
34		Neoplasms of the Testis			1	
35		Surgery of Testicular Tumors			1	
36		Laparoscopic & Robotic-Assisted Retroperitoneal Lymphadenectomy for Testicular Tumors				1
37		Tumors of the Penis				1
38		Tumors of the Urethra				
39		Inguinal Node Dissection			1	
40		Surgery of Penis & Urethra				1
41		Surgery of the Scrotum & Seminal Vesicles		1		

42	Renal Phys & Pathophys.	Surgical, Radiologic and Endoscopic Anatomy of the Kidney and Ureter	1			
43		Physiology and Pharmacology of the Renal Pelvis and Ureter	1			
44		Renal Physiology & Pathophysiology	1			
45		Renovascular Hypertension and Ischemic Nephropathy	1			
46		Etiology, Pathogenesis and Management of Renal Function	1			
47		Renal Transplantation		1		
48	Up. Urinary Tract Obst & Trauma	Pathophysiology of Urinary Tract Obstruction	1			
49		Mgmt of Upper Urinary Tract Obstruction	1			
50		Upper Urinary Tract Trauma	1			
51	Urinary Lithiasis & Endourology	Urinary Lithiasis: Etiology, Epidemiology & Pathogenesis		1		
52		Evaluation & Medical Mgmt of Urinary Lithiasis		1		
53		Strategies for Non-Medical Mgmt of Upper Urinary Tract Calculi		1		
54		Surgical Mgmt of Upper Urinary Tract Calculi		1		
55		Lower Urinary Tract Calculi		1		
56	Neoplasms of Upper Urine Tract	Benign Renal Tumors				1
57		Malignant Renal Tumors				1
58		Urothelial Tumors of the Upper Urinary Tract & Ureter				1
59		Retroperitoneal Tumors				1
60		Open Surgery of the Kidney				1
61		Laparoscopic and Robotic Surgery of the Kidney				1
62		Non-Surgical Focal Therapy for Renal Tumors				1
63		Treatment of Advanced Renal Cell Carcinoma				1
64	The Adrenals	Surgical and Radiologic Anatomy of the Adrenals				1
65		Pathophysiology, Evaluation & Medical Mgmt of Adrenal Disorders				1
66		Surgery of the Adrenal Glands				1
67	Urine Trans, Storage & Emptying	Surgical, Radiographic and Endoscopic Anatomy of the Female Pelvis	1			
68		Surgical, Radiographic and Endoscopic Anatomy of the Male Pelvis	1			
69		Pathophysiology & Pharmacology of the Bladder & Urethra		1		
70		Pathophysiology & Classification of Lower Urinary Tract Dysfunction: Overview		1		
71		Eval & Mgmt of Women with Urinary Incontinence & Pelvic Prolapse		1		
72		Eval & Mgmt of Men with Urinary Incontinence		1		
73		Urodynamic and Video-Urodynamic Evaluation of the Lower Urinary Tract		1		
74		Urinary Incontinence and Pelvic Prolapse: Epidemiology & Pathophysiology		1		
75		Neuromuscular Dysfunction of the Lower Urinary Tract		1		
76		Overactive Bladder		1		
77		The Underactive Detrusor		1		
78		Nocturia		1		
79		Pharmacology Mgmt of Lower Urinary Tract Storage & Emptying Failure		1		
80		Conservative Mgmt of Urinary Incontinence: Behavioral & Pelvic Floor Therapy, Urethral & Pelvic Devices		1		
81		Electrical Stimulation & Neuromodulation in Storage & Emptying Failure				1
82		Retropubic Suspension Surgery for Incontinence in Women				1
83		Vaginal & Abdominal Reconstructive Surgery for Pelvic Organ Prolapse				1
84		Slings: Autologous, Biologic, Synthetic & Midurethral				1
85		Complications Related to the Use of Mesh & Their Repair				1
86		Injection Therapy for Urinary Incontinence			1	
87		Additional Therapies for Storage & Emptying Failure			1	

88		Aging and Geriatric Urology			1	
89		Urinary Tract Fistulae			1	
90		Bladder & Female Urethral Diverticula				1
91		Surg Procedures for Sphincteric Incontinence in the Male: Artificial Urinary Sphincter & Perineal Sling Procedures				1
92	Benign & Malig. Bladder Dis.	Tumors of the Bladder		1		
93		Non-Muscle-Invasive Bladder Ca		1		
94		Mgmt of Metastatic & Invasive Bladder Cancer			1	
95		Transurethral and Open Surgery for Bladder Cancer			1	
96		Robotic & Laparoscopic Bladder Surgery				1
97		Use of Intestinal Segments in Urinary Diversion				1
98		Cutaneous Continent Urinary Diversion				1
99		Orthotopic Urinary Diversion				1
100		Minimally Invasive Urinary Diversion				1
101		Genital and Lower Urinary Tract Trauma	1			
102	Prostate	Development, Molecular Biology & Physiology of Prostate	1			
103		BPH: Etiology, Pathophys, Epidemiology & Natural History		1		
104		Evaluation and Non-Surgical Mgmt of BPH		1		
105		Minimally Invasive & Endoscopic Mgmt of BPH		1		
106		Simple Prostatectomy: Open & Robotic-Assisted Laparoscopic Approaches				1
107		Epidemiology, Etiology & Prevention of Prostate Ca		1		
108		Prostate Ca Tumor Markers		1		
109		Prostate Biopsy: Techniques & Imaging		1		
110		Pathology & Prostatic Neoplasia		1		
111		Diagnosis and Staging of Prostate Cancer		1		
112		Management of Localized Prostate Cancer		1		
113		Active Surveillance of Prostate Cancer		1		
114		Open Radical Prostatectomy			1	
115		Lap & Robotic-Assisted Lap Rad Prostatectomy & Pelvic Lymphadenectomy			1	
116		Radiation Therapy for Prostate Cancer			1	
117		Cryotherapy for Prostate Cancer			1	
118		High-Intensity Focused U/S for Tx of Prostate Ca				1
119		Treatment of Locally Advanced Prostate Ca			1	
120		Management of Biochemical Recurrence After Definitive Therapy for Prostate Cancer				1
121		Treatment of Castration-Resistant Prostate Ca				1
122	Peds Urology: Dev & Prenatal	Embryology of the Genitourinary Tract	1			
123		Disorders of Renal Functional Development in Children	1			
124		Perinatal Urology	1			
125	Peds Urology: Basic Principles	Urologic Evaluation of the Child		1		
126		Pediatric Urogenital Imaging		1		
127		Infection & Inflammation of th Ped GU Tract		1		
128		Core Principles of Periop Mgmt in Children		1		
129		Principles of Laparoscopic & Robotic Surgery in Children		1		
130		Anomalies & Surgery of the Ureter in Children	1			
131		Renal Dysgenesis & Cystic Disease of the Kidney		1		
132		Congenital Urinary Obstruction: Pathophys & Clinical Evaluation		1		
133		Surgery of the Ureter in Children				1
134		Ectopic Ureter, Ureterocele & Ureteral Anomalies				1

135		Surgical Management of Pediatric Stone Disease				1
136		Development & Assessment of Lower Urinary Tract Function in Children		1		
137		Vesicoureteral Reflux		1		
138		Bladder Anomalies in Children				1
139		Extrophy-Epispadias Complex				1
140		Prune Belly Syndrome				1
141		Posterior Urethral Valves				1
142		Neuromuscular Dysfunction of the Lower Urinary Tract				1
143		Functional Disorders of the Lower Urinary Tract in Children				1
144		Management of Defecation Disorders				1
145	Peds: Genitalia	Management of Abnormalities of External Genitalia in Boys				1
146		Hypospadias			1	
147		Etiology, Diagnosis & Mgmt of the Undescended Testis		1		
148		Mgmt of Abnormalities of Genitalia in Girls				1
149		Disorders of Sexual Development: Etiology, Evaluation and Medical Mgmt				1
150		Surgical Mgmt of Disorders of Sex Development & Cloacal & Anorectal Malformation				1
151		Adolescent & Transitional Urology				1
152		Urologic Considerations in Ped Renal Transplantation	1			1
153		Pediatric Genitourinary Trauma			1	
154	Peds: Oncology	Pediatric Urologic Oncology: Renal and Adrenal				1
155		Pediatric Urologic Oncology: Bladder and Testis				1
		<b>Total</b>	<b>39</b>	<b>42</b>	<b>39</b>	<b>35</b>
		<b>TOTAL CHAPTERS</b>				<b>155</b>