ACID-BASE EQUILIBRIUM:

ADRENAL GLAND DISEASE:
Diagnosis and Management of Pheochromocytoma. Daneshvar M and Bratslavsky G, Vol. 38, Lesson 1, 2019
Diagnosis of Surgical Adrenal Disorders. Vaughan ED, Vol. XVI, Lesson 39, 1997
Laparoscopic Versus Open Adrenal Surgery. Gill IS and Novick AC, Vol. XVIII, Lesson 33, 1999

ALGORITHMS:
Prediction Models of Renal Cell Carcinoma. Lane BR, Kattan MW and Novick AC, Vol. 25, Lesson 7, 2006

ANATOMY:

ANDROGENS:
The Role of Androgen Receptor Signaling in Metastatic Prostate Cancer. Carver BS, Vol. 32, Lesson 29, 2013
Vaginal Prolapse. Part I: Anatomy and Musculofascial Support of the Pelvis and Transvaginal Grade IV

ANOMALIES:
Diagnosis and Management of the Nonpalpable Undescended Testicle. Walker RD, Vol. XI, Lesson 20, 1992
Evidence Based Approach to Combining Androgen Suppression and Radiation Therapy for Men With Locally Advanced or Clinically Localized Prostate Cancer. D’Amico AV, Vol. 24, Lesson 22, 2005
Long-Term Management of Myelodysplasia From Adolescence into Adulthood. Ginsberg DA, Vol. 28, Lesson 10, 2009
The Molecular Basis of Intersex Conditions. Kolon TF and Lamb DJ, Vol. XX, Lesson 14, 2001
Myelomeningocele in Young Adults. Woodhouse CRJ, Vol. XXII, Lesson 8, 2003
Occult Spinal Dysraphism (the Tethered Cord) and the Urologist. Husmann DA, Vol. XIV, Lesson 10, 1995
Urethral Valves and the Potential for Healing in Very
von Hippel-Lindau Disease: Clinical and Molecular Considerations for the Urologist. Uzzo RG and Novick AC, Vol. XVIII, Lesson 18, 1999

ANTIBIOTICS:

ARTIFICIAL INTELLIGENCE:
Artificial Intelligence in Urology. Moreira DM and Niederberger CS, Vol. 38, Lesson 8, 2019

BIOLGy:
Discovery and Validation of Molecular Markers of Prostate Cancer. Vickers AJ and Savage C, Vol. 29, Lesson 29, 2010


BIOMARKERS:

BLADDER:
Bladder Diverticula. Van Arsdalen KN, Vol. IV, Lesson 6, 1985
Bladder Pain Syndrome: Current Terminology, Diagnosis and Treatment. Erickson DR, Vol. 28, Lesson 36, 2009
Botulinum Toxin Use in the Lower Urinary Tract in Adults and Children. Ginsberg DA, Vol. 34, Lesson 16, 2015
Complications of Bladder Augmentation in Children and Comparison of Gastrointestinal Segments. Rink RC,
BURNS:

CALCULI:
Adult Urinary Tract Infections. Rourke E, Kraus SR and Liss MA, Vol. 36, Lesson 37, 2017
Chemolysis of Urinary Calculi. Rodman JS and Vaughan ED, Vol. XI, Lesson 1, 1992
Endourology: See Endourology
Epidemiology of Stone Disease. Scales CD Jr, Vol. 33, Lesson 37, 2014
Evaluation and Management of Derangements of Calcium Metabolism in Stone Formers: A Primer for the Urologist. Canvasser NE and Maalouf N, Vol. 37, Lesson 5, 2018
The Metabolic Syndrome and Benign Urological Diseases. Cotta BH and Parsons JK, Vol. 36, Lesson 38, 2017


Pathophysiology and Medical Management of Uric Acid Stones. Malouf NM, Vol. 29, Lesson 21, 2010

Patient Counseling for Upper Urinary Tract Calculi. Stern K and Monga M, Vol. 37, Lesson 21, 2019

Pediatric Nephrolithiasis. Ko JS and Tasian GE, Vol. 38, Lesson 31, 2019


Renal Urolithiasis: Therapy for Special Circumstances Part II. Pearle MS and Traxer OA, Vol. XX, Lesson 40, 2001


Selection and Outcomes of Therapies for Non-Staghorn Renal Calculi. Streep NM and Nakada SY, Vol. 33, Lesson 28, 2014


Update on ESWL. Lingeman JE, Vol. XIV, Lesson 28, 1995


CANCER: See Specific Organs


Chemosensitivity Testing in Urologic Cancer. Sarosdy M


Health-Related Quality of Life in Patients With Urologic Cancers. Penson DF and Litwin MS, Vol. XVI, Lesson 5, 1997


Late Effects of Treatment for Cancer in Children and Adolescents. Green DM, Spunt SL and Jones DP, Vol. 29, Lesson 28, 2010


Malignant Potential of Lower Urinary Tract Reconstruction Using Bowel. Spencer JR and Filmer RB, Vol. XII, Lesson 38, 1993


Needle Biopsy for Histologic and/or Cytologic Diagnosis. Carrasco CH and Von Eschenbach AC, Vol. IV, Lesson 15, 1985


Prediction Models of Renal Cell Carcinoma. Lane BR, Kattan MW and Novick AC, Vol. 25, Lesson 7, 2006

Primary Retroperitoneal Tumors: Overview and Treatment. Zippe CD, Vol. XXI, Lesson 27, 2002


The Role of Cigarette Smoking in Genitourinary Malignancies and Clinical Interventions for Tobacco Use and Dependence. Hollowell CMP and Uddin T, Vol. 33, Lesson 40, 2014


CARCINOMA, TRANSITIONAL CELL:


COMPARATIVE EFFECTIVENESS RESEARCH:

COMPUTERS:

CONSCIOUS SEDATION:

COST-BENEFIT ANALYSIS:

CRYOTHERAPY:
Ablative Focal Therapy for Primary Treatment of Prostate Cancer. Eggener S, Vol. 29, Lesson 3, 2010

CYTOLOGY:

DELIVERY OF HEALTH CARE:
The Electronic Medical Record: Promises, Reality and Opportunities for Transformation into a Useful Tool. McGuire MS, Vol. 37, Lesson 36, 2018
Ins and Outs of the American Medical Association/Specialty Society Relative Value Scale Update Committee. Richards KA and Smith ND, Vol. 34, Lesson 36, 2015
Patient Counseling for Upper Urinary Tract Calculi. Stern K and Monga M, Vol. 37, Lesson 21, 2018
Physician Reimbursement: A Primer for Urologists. Lubin AL, Painter MN and Dowling RA, Vol. 37, Lesson 9, 2018
Surgical Care Improvement Project as Applied to Urology. Casey JT and Gonzalez CM, Vol. 32, Lesson 40, 2013
Transition from Pediatric to Adult Health Care in Urology. Tanaka ST, Vol. 34, Lesson 28, 2015
Transition to Value Based Care. Borofsky MS, Ohmann EL and Makarov DV, Vol. 32, Lesson 31, 2013

DERMATOLOGY:
Common Benign Dermatologic Genital Lesions: Diagnosis and Treatment. Choi JM, Colen JS and Link RE, Vol. 30, Lesson 38, 2011
Urological Dermatology in Men and Women. Stefanovic K, Kobashi K and Donahue RP, Vol. 37, Lesson 7, 2018

DIABETES MELLITUS:
The Metabolic Syndrome and Benign Urological Diseases. Cotta BH and Parsons JK, Vol. 36, Lesson 38, 2017

DRUG HYPERSENSITIVITY:
Use of Antibiotics for Prevention and Treatment of

**DRUG THERAPY:**

5α-Reductase Inhibitors: Their Contemporary Uses and Risks. L. Klotz, Vol. 32, Lesson 36, 2013

Adverse Effects of Intravesical bacillus Calmette-Guérin Therapy. Kim SJ, Wise GJ, Schlegel PN, Khani F and Herr H, Vol. 37, Lesson 8, 2018


Chemoprevention of Prostate Cancer With Finasteride. Thompson IM, Vol. 28, Lesson 28, 2009


Guidelines for Muscle Invasive Bladder Cancer. Laviana AA and Chang SS, Vol. 37, Lesson 29, 2018

Injectables for Stress Urinary Incontinence. Linder BJ and Lightner DJ, Vol. 36, Lesson 13, 2017


Late Effects of Treatment for Cancer in Children and Adolescents. Green DM, Spunt SL and Jones DP, Vol. 29, Lesson 28, 2010


Perioperative Systemic Chemotherapy for Patients with Muscle Invasive Bladder Cancer Undergoing Radical Cystectomy. Maruf M, Agarwal PK and Apolo AB, Vol. 37, Lesson 1, 2018


Update on Medical and Surgical Management of Advanced Testis Cancer. Daneshmand S and Dorff T, Vol. 37, Lesson 3, 2018

**ECONOMICS, MEDICAL:**


Physician Reimbursement: A Primer for Urologists. Lubin AL, Painter MN and Dowling RA, Vol. 37, Lesson 9, 2018


Understanding Managed Care and Managed Care Contracts: A Primer for Urologists. Albertsen PC, Vol. XV, Lesson 24, 1996

**EDUCATION:**


Maintenance of Certification—What is it and Why is it Happening? Flanigan RC and Howards SS, Vol. 27, Lesson 17, 2008


Surgical Simulation in Urology. Chen T and Sweet RM, Vol. 37, Lesson 22, 2018


**ELECTROLYTES:**

**ELECTROSURGERY:**

**EMBRYOLOGY:**

**EMERGENCY MEDICINE:**
Monitoring the Acutely Ill Patient. Reines HD and DeMaria EJ, Vol. XII, Lesson 22, 1993

**ENDOUROLOGY:**
The Care and Handling of the Flexible Endoscope. Eichel L and Clayman RV, Vol. 23, Lesson 7, 2004
Flexible Endoscopy of the Urinary Tract Part II. Kavoussi LR and Clayman RV, Vol. VIII, Lesson 6, 1989
Surgical Simulation. McDougall EM and Sala LG, Vol. 24, Lesson 26, 2005
Ureteral Stents. Wignall GR and Denstedt JD, Vol. 27, Lesson 12, 2008

**ENURESIS:** See Urinary Incontinence

**EPIDEMIOLOGY:**
Clinical Epidemiology of Urologic Diseases: The Urologic Diseases in America Project. Miller DC, Saigal CS and Litwin MS, Vol. 26, Lesson 26, 2007
Epidemiology of Stone Disease. Scales CD Jr, Vol. 33, Lesson 37, 2014
Fecal Incontinence in Adults: A Primer for Urologists. Trowbridge ER and Hullfish KL, Vol. 31, Lesson 12, 2012

**EPIDIDYMIS:**
Surgical Reconstruction for the Vas and Epididymis. Wald M, Vol. 36, Lesson 34, 2017

**EQUIPMENT AND SUPPLIES:**

**ETHNIC GROUPS:**

**EVIDENCE-BASED MEDICINE:**
Evidence-Based Comparison of Nephron-Sparing Treatment Options for Renal Cell Carcinoma. Rabets JC and Novick AC, Vol. 25, Lesson 28, 2006

**FECAL INCONTINENCE:**
Constipation and Fecal Incontinence—What the Urologist Should Know. Popiel P, Chai T and Rickey L, Vol. 38, Lesson 3, 2019
Fecal Incontinence in Adults: A Primer for Urologists. Trowbridge ER and Hullfish KL, Vol. 31, Lesson 12, 2012

**FEMALE UROLOGY:**


Vaginal Suspension Procedures. Leach GE and Zimmern PE, Vol. IX, Lesson 40, 1990


**FISTULA:**


Etiology, Diagnosis and Clinical Management of Rectourethral Fistulas. Holden MM, Elliott SP and Buckley JC, Vol. 36, Lesson 1, 2017


Surgical Approaches to Repair of Rectourinary Fistulas. Elmajian DA, Vol. XIX, Lesson 6, 2000


**GENETICS:**


Evaluation and Management of Klinefelter Syndrome. Rajender A and Oates RD, Vol. 37, Lesson 24, 2018


Genetics of Renal Cancer and Treatment Implications. Metwalli AR and Linehan WM, Vol. 34, Lesson 5, 2015


Pathological Classification and Molecular Genetics of Renal Cell Carcinoma. Roma AA and Zhou M, Vol. 26, Lesson 9, 2007


**GENITALIA:**

Common Benign Dermatologic Genital Lesions: Diagnosis and Treatment. Choi JM, Colen JS and Link RE, Vol. 30, Lesson 38, 2011


Female Cosmetic Genital Surgery. Evans S and Kennelly M, Vol. 37, Lesson 38, 2018

Male External Genital Trauma. Baradaran N, Murphy GP and Breyer GN, Vol. 36, Lesson 29, 2017

Urological Dermatology in Men and Women. Stefanovic K, Kobashi K and Donahue RP, Vol. 37, Lesson 7, 2018

**GERIATRICS:**

Geriatric Patient Care: Basics for Urologists. Drach GW and Forciea MA, Vol. 24, Lesson 33, 2005

Geriatric Urinary Incontinence: Resnick NM, Vol. XI, Lesson 9, 1992

Geriatric Urinary Incontinence. Resnick NM, Vol. XVIII, Lesson 28, 1999

Strategies of End-of-Life Care. Scarborough B and
HEMATURIA:
- The Diagnosis and Management of Lateralizing Essential Hematuria. Nakada SY, Vol. XXII, Lesson 13, 2003

HYPERTENSION:
- Renovascular Hypertension: Background, Pathophysiology, Pathology and Clinical Evaluation. Sosa RE and Vaughan ED, Vol. VIII, Lesson 18, 1989
ED and Sosa RE, Vol. VIII, Lesson 36, 1989

HYPOSPADIAS:
Hypospadias. Duckett JW, Vol. XII, Lesson 17, 1993
Long-Term Follow-up of Hypospadias Repair. Snodgrass WT and Mitchell ME, Vol. XXI, Lesson 34, 2002
2-Stage Hypospadias: Historical Perspectives and Current Practice. Pohl HG, Atala AA and Retik AB, Vol. 23, Lesson 5, 2004

IMAGING TECHNIQUES:
Ablative Focal Therapy for Primary Treatment of Prostate Cancer. Eggener S, Vol. 29, Lesson 3, 2010
Blue Light and Narrow Band Imaging in the Diagnosis and Treatment of Non-Muscle Invasive Bladder Cancer and Upper Tract Urothelial Cell Carcinoma. Gregg JR and Chang SS, Vol. 36, Lesson 11, 2017
Contemporary Prostate Imaging and Applications for Diagnosis and Staging of Prostate Cancer. Sonn GA and Reiter RE, Vol. 33, Lesson 23, 2014
Doppler Sonography in Uroradiologic Imaging. King BF and Hattery RR, Vol. XII, Lesson 21, 1993
High Intensity Focused Ultrasound for Prostate Cancer. Koch MO, Vol. 27, Lesson 8, 2008


Office-Based Ultrasound for Urologists. Part I: Ultrasound Physics, and of the Kidney and Bladder. McAchran SE, Dogra VS and Resnick MI, Vol. 23, Lesson 28, 2004

Office-Based Ultrasound for Urologists. Part II: Prostate, Scrotum, Penis, Urethra and Office Standards. McAchran SE, Dogra VS and Resnick MI, Vol. 23, Lesson 29, 2004


Pediatric Ultrasound Part II. Rosenberg HK, Vol. V, Lesson 36, 1986


The Role of Three-Dimensional Computer Tomography in Renal Imaging. Uzzo RG, Coll D and Novick AC, Vol. XIX, Lesson 38, 2000


The Use of Percutaneous Transcatheter Embolization in

IMMUNOLOGY:
Acquired Immunodeficiency Syndrome in Urology Part II: Genitourinary Manifestations of AIDS. Kwan DJ and Lowe FC, Vol. XIV, Lesson 38, 1995
Basic Immunology. Graham SD, Vol. I, Lesson 11, 1982
Immunotherapy, Checkpoint Inhibition and the Role of the Programmed Cell Death 1 Receptor Pathway in the Treatment of Bladder Cancer. Alanee SR and O'Shaughnessy MJ, Vol. 36, Lesson 31, 2019

IMPOTENCE:
Intracavernosal Injection Therapy for Erectile Dysfunction. Chouhan JD, Thakker PU and Terlecki RP, Vol. 38, Lesson 20, 2019
Manifestations and Management of Urological Complications of Parkinson’s Disease. Kreydin EI and Ginsberg DA, Vol. 37, Lesson 27, 2018
Penile Prosthesis Infection. Gross MS, Vol. 37, Lesson 11, 2018
Phosphodiesterase 5 Inhibitors: Physiology, Pharmacology and Cardiovascular Implications. Carson CC, Vol. 23, Lesson 39, 2004
Post-Finasteride Syndrome—What is the Evidence and Why is there Controversy? Craig JR, Khera M, Hotaling JM and Brant WO, Vol. 37, Lesson 6, 2018
Premature Ejaculation. McMahon CG, Vol. 24, Lesson 34, 2005


Sexuality after Treatment of Pelvic Cancer. Schover LR, Vol. 23, Lesson 24, 2004


INFECTIOUS DISEASE:


Acquired Immunodeficiency Syndrome in Urology Part II: Genitourinary Manifestations of AIDS. Kwan DJ and Lowe FC, Vol. XIV, Lesson 38, 1995


Adult Urinary Tract Infections. Rourke E, Kraus SR and Liss MA, Vol. 36, Lesson 37, 2017


Antibiotics: See Antibiotics


Chylous Leak following Urological Procedures: Diagnosis and Management. Dangle PP, Chaudhry R and Ost MC, Vol. 36, Lesson 6, 2017


Gamete Preservation for Urologists. Mehta A and Smith JF, Vol. 37, Lesson 16, 2018


Interpretation of Urinalysis. Sourial MW and Shidham G, Vol. 38, Lesson 30, 2019


Nosocomial Urinary Tract Infections. Purves JT and McIntyre M, Vol. 29, Lesson 17, 2010


Office Based Prostate Biopsy. Wheeler KM and Liss MA, Vol. 38, Lesson 14, 2019


Penile Prosthesis Infection. Gross MS, Vol. 37, Lesson 11, 2018


Prostatitis Syndromes. Lim DJ and Schaeffer AJ, Vol. XII, Lesson 1, 1993


Sexually Transmitted Diseases in Urology. Reese CT and Kaag MG, Vol. 23, Lesson 40, 2004


Sexually Transmitted Infections. Helo S and White MD, Vol. 36, Lesson 18, 2017


INFERTILITY:

Azoospermia, Testicular Biopsy and Surgical Sperm Retrieval. Flannigan R and Schlegel PN, Vol. 36, Lesson 9, 2017
Evaluation and Management of Klinefelter Syndrome. Rajender A and Oates RD, Vol. 37, Lesson 24, 2018
Exogenous Testosterone and Male Reproduction. Khan MA, Pagani RL and Ohlander SJ, Vol. 38, Lesson 37, 2019
Gamete Preservation for Urologists. Mehta A and Smith JF, Vol. 37, Lesson 16, 2018
Male Infertility: Current Treatments, Costs, and Effectiveness. Pavlovich CP and Schlegel PN, Vol. XVIII, Lesson 22, 1999
Male Reproductive Physiology and Assisted Reproductive Technology. Carbone DJ, Vol. XVIII, Lesson 21, 1999
Microsurgery for the Urologist. Belker AM, Vol. III, Lesson 1, 1984
Non-Obstructive Azoospermia. Harris SE and Niederberger CS, Vol. 29, Lesson 38, 2010
Primary, Secondary and Adult Onset Hypogonadism: Diagnosis and Treatment. Rambhatla A and Mills JN, Vol. 36, Lesson 19, 2017
Reproductive Therapy for Neurologic Disorders. Lynne CM, Brackett NL and Ibrahim E, Vol. 36, Lesson 15, 2017
Testis Biopsy: Indications and Interpretation in Male...
Vasectomy. Schlegel PN and Goldstein M, Vol. XI, Lesson 13, 1992

INTESTINAL DISEASES:
Malignant Potential of Lower Urinary Tract Reconstruction Using Bowel. Spencer JR and Filmer RB, Vol. XII, Lesson 38, 1993
Urologic Manifestations of Bowel Disease. Sago AL, Vol. IV, Lesson 31, 1985

INTRAOPERATIVE COMPLICATIONS:
The Identification, Prevention and Management of Urological Laparoscopic and Robotic Complications. Hertz AM, Brand TC, Davis ML and Schwartz BF, Vol. 37, Lesson 34, 2018

KETAMINE:

KIDNEY:
Adult Renal Cystic Disease: Current Update on Pathogenesis,
Evaluation and Management of Derangements of Calcium Metabolism in Stone Formers: A Primer for the Urologist. Canvasser NE and Maalouf N, Vol. 37, Lesson 5, 2018
Evaluation and Management of Traumatic Renal Injuries.


Management of Small Renal Masses. Lane BR and Campbell SC, Vol. 28, Lesson 34, 2009


Pathological Classification and Molecular Genetics of Renal Cell Carcinoma. Roma AA and Zhou M, Vol. 26, Lesson 9, 2007

Prediction Models of Renal Cell Carcinoma. Lane BR, Kattan MW and Novick AC, Vol. 25, Lesson 7, 2006


Renal Malignancies in Adolescents and Young Adults. Cost NG and DeFoor WR Jr, Vol. 32, Lesson 26, 2013


Stereotactic Body Radiation Therapy for the Management of Early Stage and Metastatic Prostate and Kidney Cancer. Fam MM, Heron DE and Jacobs BL, Vol. 37, Lesson 31, 2018


Urological Manifestations of Sarcoidosis. La Rochelle JC and Coogan CL, Vol. 27, Lesson 14, 2008


LAPAROSCOPY:


The Identification, Prevention and Management of Urological Laparoscopic and Robotic Complications. Hertz AM, Brand TC, Davis ML and Schwartz BF, Vol. 37, Lesson 34, 2018


Laparoscopic Renal Surgery: Part II. Landman J, Lee DI
Laparoscopic Surgery for Prostate Cancer. Meaney AM and Gill IS, Vol. 24, Lesson 15, 2004
Laparoscopic Use of Bowel in Urological Reconstruction. Murphy DP and Gill IS, Vol. 23, Lesson 14, 2004
Laparoscopic Versus Open Adrenal Surgery. Gill IS and Novick AC, Vol. XVIII, Lesson 33, 1999
Laser Prostatectomy. Stein BS, Vol. XV, Lesson 6, 1996
Lifestyle:
Lifestyle Changes, Nutritional Supplements and General Preventive Medicine Recommendations that can Simultaneously Improve Heart and Urological Health: Part I. Moyad M, Vol. 27, Lesson 37, 2008
Lifestyle Changes, Nutritional Supplements and General Preventive Medicine Recommendations that can Simultaneously Improve Heart and Urological Health—What do I Tell Patients? Part III: Calcium and Vitamin D. Moyad M, Vol. 29, Lesson 6, 2010
Lymphatic System:

MALPRACTICE:
The Ethics of Disclosure of Medical Errors, Unintended Medical Consequences and Conflicts. Lightner DJ and Klausner AP, Vol. 33, Lesson 6, 2014
Minimizing Your Exposure to Medical Malpractice Claims. Harlan TJ, Vol. VI, Lesson 5, 1987

MEDICAL ETHICS:
The Ethics of Disclosure of Medical Errors, Unintended Medical Consequences and Conflicts. Lightner DJ and Klausner AP, Vol. 33, Lesson 6, 2014
Medical Errors. Hanno PM and Horowitz D, Vol. 23, Lesson 8, 2004
Medical Ethics. Steinberg D, Vol. XXII, Lesson 18, 2003

MEDICAL MARIJUANA:

METABOLIC SYNDROME:
The Metabolic Syndrome and Benign Urological Diseases. Cotta BH and Parsons JK, Vol. 36, Lesson 38, 2017


MOLECULAR BIOLOGY: See Biology

MOLECULAR TARGETED THERAPY:

MULTIPLE SCLEROSIS:

NEPHROLOGY:
Ischemic Nephropathy: Implications for the Urologist. Fergany AE and Novick AC, Vol. XX, Lesson 19, 2001
Obstructive Nephropathy and Postobstructive Diuresis. Loo MH and Vaughan ED, Vol. IV, Lesson 9, 1985
Pathological Classification and Molecular Genetics of Renal Cell Carcinoma. Roma AA and Zhou M, Vol. 26, Lesson 9, 2007
Renal Radionuclide Evaluation of Renal Function.


NUCLEAR MEDICINE: See Imaging Techniques

NUTRITION:


Lifestyle Changes, Nutritional Supplements and General Preventive Medicine Recommendations that can Simultaneously Improve Heart and Urological Health: Part I. Moyad M, Vol. 27, Lesson 37, 2008


Lifestyle Changes, Nutritional Supplements and General Preventive Medicine Recommendations that can Simultaneously Improve Heart and Urological Health—What do I Tell Patients? Part III: Calcium and Vitamin D. Moyad M, Vol. 29, Lesson 6, 2010

The Metabolic Syndrome and Benign Urological Diseases. Cotta BH and Parsons JK, Vol. 36, Lesson 38, 2017


Obese Patients and the Problems They Present to Urologists. Derksen JE and Carson CC, Vol. XXI, Lesson 12, 2002


OSTEOCLASTS:

OSTEOPOROSIS:

OUTCOME ASSESSMENT:


Management of Small Renal Masses. Lane BR and Campbell SC, Vol. 28, Lesson 34, 2009


OXYGEN INHALATION THERAPY:


PAIN:


Bladder Pain Syndrome: Current Terminology, Diagnosis and Treatment. Erickson DR, Vol. 28, Lesson 36, 2009


Chronic Pelvic Pain Syndrome in Men. Pontari MA, Vol. 34, Lesson 31, 2015


Chronic Scrotal Content Pain. Levine LA, Vol. 31, Lesson 37, 2012


Diagnosis and Management of Chronic Scrotal Pain. Wu C and Jarvi KA, Vol. 37, Lesson 23, 2018


Female Dyspareunia. Sastry DN and Whitmore KE, Vol. 28, Lesson 8, 2009

Interstitial Cystitis/Bladder Pain Syndrome. Angel JB and Erickson DR, Vol. 33, Lesson 8, 2014


Non-Opioid Adjuncts for the Management of Chronic Urological Pain (Non-Malignant Etiology). Thus JHL Meng Y and Lai HH, Vol. 38, Lesson 32, 2019
Painful Bladder Syndrome/Interstitial Cystitis. Zoltan E, Ferlise V and Hanno PM, Vol. 25, Lesson 9, 2006
Palliative and End-of-Life Care. Minter J and Ramchandran K, Vol. 37, Lesson 40, 2018
Pelvic Floor Physical Therapy for Pelvic Pain and Voiding Dysfunction. Scott KM, Morita-Nagai P, Lempack GE and Sultan M, Vol. 37, Lesson 17, 2018

PATHOLOGY:
Pathological Classification and Molecular Genetics of Renal Cell Carcinoma. Roma AA and Zhou M, Vol. 26, Lesson 9, 2007

PEDIATRICS:
Acquired Buried Penis in Adolescents and Adults. Chen ML and Santucci RA, Vol. 34, Lesson 2, 2015
The Adolescent Varicocele. Johnson CW, Fisch HW and Hensle TW, Vol. 23, Lesson 33, 2004
Botulinum Toxin Use in the Lower Urinary Tract in Adults and Children. Ginsberg DA, Vol. 34, Lesson 16, 2015
Childhood Kidney Tumors. Saltzman AF and Cost NG, Vol. 37, Lesson 19, 2018
Evaluation of the Pediatric Patient with a Non-Traumatic Acute Scrotum. Walsh TJ and Joyner BD, Vol. 24, Lesson 12, 2005
Shindel AW, Vol. 34, Lesson 1, 2015
Injuries and Wounds of the External Genitalia. Hagedorn JC and Wessells H, Vol. 37, Lesson 4, 2018
Penile Prosthesis Infection. Gross MS, Vol. 37, Lesson 11, 2018
Surgical Reconstruction for Peyronie’s Disease. Yafi FA and Hatzichristodoulou G, Vol. 37, Lesson 15, 2018

PHYSIOLOGY:
Pathophysiology and Medical Management of Uric Acid Stones. Maalouf NM, Vol. 29, Lesson 21

PHYTOTHERAPY:

PRACTICE GUIDELINE:
Guidelines for Muscle Invasive Bladder Cancer. Laviana AA and Chang SS, Vol. 37, Lesson 29, 2018
Interstitial Cystitis/Bladder Pain Syndrome. Angel JB and Erickson DR, Vol. 33, Lesson 8, 2014

PRACTICE MANAGEMENT:
The Electronic Medical Record: Promises, Reality and Opportunities for Transformation into a Useful Tool. McGuire MS, Vol. 37, Lesson 36, 2018
Medical Informatics. Tessier C and Schlossberg S, Vol. 27,


Rethinking the Urology Clinic: Shared Medical Appointment. Winter A and Rhee E, Vol. 36, Lesson 14, 2017


Team Based Care: Integrating Advanced Practice Providers into a Urology Practice. Kiechle JE, Gonzalez CM and Hitt M, Vol. 36, Lesson 40, 2017


PREGNANCY:

PREVENTIVE MEDICINE:
Lifestyle Changes, Nutritional Supplements and General Preventive Medicine Recommendations that can Simultaneously Improve Heart and Urological Health: Part I. Moyad M, Vol. 27, Lesson 37, 2008
Lifestyle Changes, Nutritional Supplements and General Preventive Medicine Recommendations that can Simultaneously Improve Heart and Urological Health— What do I Tell Patients? Part III: Calcium and Vitamin D. Moyad M, Vol. 29, Lesson 6, 2010

PROSTATIC DISEASES:
5α-Reductase Inhibitors: Their Contemporary Uses and Risks. Klotz L, Vol. 32, Lesson 36, 2013
The Metabolic Syndrome and Benign Urological Diseases. Cotta BH and Parsons JK, Vol. 36, Lesson 38, 2017
Prostatitis Syndromes. Lim DJ and Schaeffer AJ, Vol. XII, Lesson 1, 1993

PROSTATIC HYPERPLASIA:
Epidemiology and Natural History of Benign Prostatic Hyperplasia. Barry MJ, Vol. XII, Lesson 2, 1993
Evaluation and Management of Persistent Voiding Dysfunction after Surgical Treatment of Lower Urinary Tract Symptoms/Benign Prostatic Hyperplasia. Simma-
Chiang V, Chughtai B and Te AE, Vol. 33, Lesson 29, 2014
Laser Prostatectomy. Stein BS, Vol. XV, Lesson 6, 1996
Outlet Obstruction-Induced Bladder Dysfunction. Lemack GE, Zimmern PE and McConnell JD, Vol. XVIII, Lesson 10, 1999
Surgical Alternatives to TURP in the Management of BPH. Kapoor DA and Reddy PK, Vol. XII, Lesson 3, 1993
Transurethral Microwave Thermotherapy: An Update on Technology and Clinical Outcomes. Simopoulos DN and Blute ML, Vol. XX, Lesson 8, 2001
Transurethral Prostatectomy. Taneja S and Bjurlin MA, Vol. 38, Lesson 12, 2019

PROSTATIC NEOPLASMS:
5α-Reductase Inhibitors: Their Contemporary Uses and Risks. Klotz L, Vol. 32, Lesson 36, 2013
Ablative Focal Therapy for Primary Treatment of Prostate Cancer. Egnener S, Vol. 29, Lesson 3, 2010
Androgen Deprivation Therapy for Prostate Cancer. Pinthus JH, Hajek D and Trachtenberg J, Vol. 25, Lesson

Approaching the Patient with Biochemical Recurrence after Primary Radiation Therapy for Prostate Cancer. Ryan S, Cotta BH and Parsons JK, Vol. 38, Lesson 25, 2019


Chemoprevention of Prostate Cancer with Finasteride. Thompson IM, Vol. 28, Lesson 28, 2009


Clinical Stage C Carcinoma of the Prostate. Thompson IM, Vol. XII, Lesson 11, 1993

Clinical Stage T1c Prostate Cancer. Cookson MS and Fair WA, Vol. XVI, Lesson 14, 1997


Complications of Permanent Interstitial Brachytherapy for Carcinoma of the Prostate. Miller DC, Sandler H and Wei JT, Vol. 23, Lesson 2, 2004


Contemporary Prostate Imaging and Applications for Diagnosis and Staging of Prostate Cancer. Sonn GA and Reiter RE, Vol. 33, Lesson 23, 2014

Cost-Effectiveness of Treatments for Prostate Cancer. Sonn GA and Reiter RE, Vol. 33, Lesson 23, 2014


Definitions and Management of Oligometastatic Prostate Cancer. Weiner AB, Schaeffer EM and Tosoian JJ, Vol. 37, Lesson 30, 2018


The Diagnosis, Prevention, and Treatment of Margin Positive Disease after Radical Prostatectomy for Adenocarcinoma of the Prostate. Stovisky MD and Resnick MI, Vol. XVI, Lesson 8, 1997


Evidence Based Approach to Combining Androgen Suppression and Radiation Therapy for Men With Locally Advanced or Clinically Localized Prostate Cancer. D’Amico AV, Vol. 24, Lesson 22, 2005


Federal Quality Reporting. Kapoor DA, Vol. 37, Lesson 33, 2018


High Intensity Focused Ultrasound for Prostate Cancer. Koch MO, Vol. 27, Lesson 8, 2008


How has Stage Migration Affected our Concept of the Natural History of Untreated Prostate Cancer? Thompson IM, Vol. XVII, Lesson 25, 1998

How to Perform Active Surveillance for Localized Prostate Cancer. Auffenberg GB, Miller DC and Cher ML, Vol. 37, Lesson 32, 2018

The Impact of Treatment, Including Radiation, on Radical Prostatectomy. Carver BS and Eastham JA, Vol. 24, Lesson 16, 2005


Incidence and Treatment: Local Failure After Definitive Treatment of Carcinoma of the Prostate. Schellhammer PE and El-Mahdi AM, Vol. XI, Lesson 4, 1992


Interpretation and Evaluation of the Pathologic Grade, Stage, and Margins of Resection of Adenocarcinoma of the Prostate. Epstein JI and Eggleston JC, Vol. V, Lesson 18, 1986

Laparoscopic Surgery for Prostate Cancer. Meaney AM and Gill IS, Vol. 24, Lesson 15, 2004


Management Decisions in the Patient With an Elevated PSA. Ellis WJ and Brawer MK, Vol. XII Lesson 34, 1993


Management of Patients with a Persistently Elevated Prostate Specific Antigen Level and Negative Biopsy. Presti JC Jr, Vol. 31, Lesson 1, 2012


The Results of Watchful Waiting for Prostate Cancer. Alla ME and Carter HB, Vol. 24, Lesson 1, 2005
The Role of Salvage Surgery in Radio-Recurrent/Resistant Carcinoma of the Prostate. Lerner SE, Amling CL, Kaynan AM, Blute ML and Zincke H, Vol. XVIII, Lesson 8, 1999
The Role of Androgen Receptor Signaling in Metastatic Prostate Cancer. Carver BS, Vol. 32, Lesson 29, 2013
The Role of Free PSA (Prostate-Specific Antigen) and hK-2 (Human Kallikrein-2) in Prostate Cancer Detection. Han M and Partin AW, Vol. XX, Lesson 10, 2001
The Role of Pelvic Floor Rehabilitation Therapy for Post-Prostatectomy Incontinence. Young DB, Omeis BN and Kraus SR, Vol. 31, Lesson 40, 2012
Salvage Therapy after Primary Non-Surgical Therapy for Prostate Cancer. Pisters LL and Ward JF, Vol. 33, Lesson 2, 2014
Screening for Carcinoma of the Prostate. Thompson IM, Vol. IX, Lesson 29, 1990
Screening for Prostate Cancer. Hudson MA, Vol. XV, Lesson 25, 1996
Screening for Prostate Cancer. Ornstein DK and Andriole GL, Vol. XVIII, Lesson 1, 1999
Sexual Health Care in Prostate Cancer Survivorship. Agochukwu NQ and Wittmann D, Vol. 38, Lesson 13, 2019
Stage A Prostate Cancer. Weissman RM, Vol. VI, Lesson 18, 1987
Stereotactic Body Radiation Therapy for the Management of Early Stage and Metastatic Prostate and Kidney Cancer. Fam MM, Heron DE and Jacobs BL, Vol. 37, Lesson 31, 2018
Surgical Margins in Patients with Carcinoma of the Prostate. Epstein J, Vol. XIII, Lesson 7, 1994
Surgical Treatment of Post-Prostatectomy Incontinence. MacLachlan L and Mourtzinos A, Vol. 38, Lesson 4, 2019
Symptomatic Local Progression of Prostate Cancer: Management Options. Leibovici D and Pisters LL, Vol. 27, Lesson 34, 2008
Technical Refinements of Transrectal Ultrasound-Guided Needle Biopsy and Re-Biopsy of the Prostate. Cookson MS, Vol. XX, Lesson 11, 2001
Testosterone Replacement in the Patient With Prostate Cancer. Ramasamy R and Schlegel PN, Vol. 29, Lesson 32, 2010
Understanding and Avoiding Positive Margins in Prostate Cancer. Steele GS and Richie JP, Vol. XX, Lesson 1, 2001

**PULMONARY EMBOLISM:**
Deep Venous Thrombosis and Pulmonary Embolism:


Surgical Care Improvement Project as Applied to Urology. Casey JT and Gonzalez CM, Vol. 32, Lesson 40, 2013


QUALITY OF LIFE:


RADIOLOGY: See Imaging Techniques

RADIOTHERAPY:


Approaching the Patient with Biochemical Recurrence after Primary Radiation Therapy for Prostate Cancer. Ryan S, Cotta BH and Parsons JK, Vol. 38, Lesson 25, 2019


Definitions and Management of Oligometastatic Prostate Cancer. Weiner AB, Schaeffer EM and Tosoian JJ, Vol. 37, Lesson 30, 2018

Evidence Based Approach to Combining Androgen Suppression and Radiation Therapy for Men With Locally Advanced or Clinically Localized Prostate Cancer. D’Amico AV, Vol. 24, Lesson 22, 2005


The Impact of Treatment, Including Radiation, on Radical Prostatectomy. Carver BS and Eastham JA, Vol. 24, Lesson 16, 2005

Late Effects of Treatment for Cancer in Children and Adolescents. Green DM, Spunt SL and Jones DP, Vol. 29, Lesson 28, 2010


New Advances in Prostate Brachytherapy. Shinohara K and Yamasaki I, Vol. 28, Lesson 28, 2009


Proton Therapy. McDonald MW and Johnstone PAS, Vol. 31, Lesson 31, 2012


Reconstructive Surgery in Females with Pelvic Malignancy


Stereotactic Body Radiation Therapy for the Management of Early Stage and Metastatic Prostate and Kidney Cancer. Fam MM, Heron DE and Jacobs BL, Vol. 37, Lesson 31, 2018

REGENERATIVE MEDICINE:

RENA L VASCULATURE:

Ischemic Nephropathy: Implications for the Urologist. Fergany AF and Novick AC, Vol. XX, Lesson 19, 2001


RETROPERITONEAL FIBROSIS: See Ureter

SCROTUM: See Testicular and Scrotal Neoplasms/Testis and Scrotum

SEXUAL BEHAVIOR:


Sexual Health Care in Prostate Cancer Survivorship. Agochukwu NQ and Wittmann D, Vol. 38, Lesson 13, 2019


SOCIAL MEDIA:
The Role of Social Media in Urology. Filson CP, Davies BJ and Eggener SE, Vol. 35, Lesson 1, 2016

SPINAL CORD INJURIES:


SPORTS:


STATISTICS:


STEM CELLS:

STENTS:


SURGICAL INSTRUMENTS:

SURGICAL PROCEDURES, OPERATIVE: See Specific Organs


Microsurgery for the Urologist. Belker AM, Vol. III, Lesson 1, 1994


Nerve-Sparing RPLND. Foster RS and Donohue JP, Vol. XII, Lesson 15, 1993

New Surgical Approaches for the Treatment of Stress Incontinence in Men. Singla AK, Vol. 28, Lesson 30, 2009


Obese Patients and the Problems They Present to Urologists. Derksen JE and Carson CC, Vol. XXI, Lesson 12, 2002


Pelvic Lymph Node Dissection for Prostate Cancer: Defining the Appropriate Limits of Dissection. Carver BS, Rabbani F and Herr HW, Vol. 24, Lesson 21, 2005


Salvage Therapy after Primary Non-Surgical Therapy for Prostate Cancer. Pisters LL and Ward JF, Vol. 33, Lesson 2, 2014


Troubleshooting the Artificial Genitourinary Sphincter Device. Roberts SG and Barrett DM, Vol. XVIII, Lesson 7, 1999


Urologic Applications of Tissue Sealants. McDonough RC and Morey AF, Vol. XXII, Lesson 17, 2003

The Urological Aspects of Vaginal Wall Prolapse Part I. Diagnosis and Surgical Indications. Zimmern PE, Mach GE and Ganabathi K, Vol. XII, Lesson 25, 1993

The Urological Aspects of Vaginal Wall Prolapse Part II. Surgical Techniques, Complications, and Results. Zimmern PE, Mach GE and Ganabathi K, Vol. XII, Lesson 26, 1993


Wound Healing. Yang H and Baskin LS, Vol. XVIII, Lesson
TESTICULAR AND SCROTAL NEOPLASMS:

Adult Genitourinary Sarcoma. Sverrisson EF and Seigne JD, Vol. 36, Lesson 20, 1977

Carcinoma In Situ of the Testis. Berthelsen JG and Skakkebak NE, Vol. V, Lesson 10, 1986


Chronic Scrotal Content Pain. Levine LA, Vol. 31, Lesson 37, 2012


Nerve-Sparing RPLND. Foster RS and Donohue JP, Vol. XII, Lesson 15, 1993


Testicular Tumors in Children and Adolescents. Woo LL and Ross JH, Vol. 38, Lesson 38, 2019


Update on Medical and Surgical Management of Advanced Testis Cancer. Daneshmand S and Dorff T, Vol. 37, Lesson 3, 2018

Urological Manifestations of Sarcoidosis. La Rochelle JC and Coogan CL, Vol. 27, Lesson 14, 2008

TESTIS AND SCROTUM:


Benign Diseases of the Testicle and Paratesticular Tissues.
and Schwartz BF, Vol. 32, Lesson 17, 2013
Ureteral Injuries from External Violence. Elliott SP and McAninch JW, Vol. 24, Lesson 1, 2004
Ureteral Stents. Wignall GR and Denstedt JD, Vol. 27, Lesson 12, 2008
**URETHRA:**
The Diagnosis and Treatment of Female Urethral Diverticulum. Westney OL, Leng WW and McGuire EJ, Vol. XX, Lesson 37, 2001
Management of Long-Term Catheters in Adults: Part II: Indwelling Urethral and Suprapubic Catheters. Linsenmeyer TA, Vol. 25, Lesson 38, 2006
Strictures of the Anterior Urethra Part I. Devine CJ and
Urethrolysis. Petrou SP and Nitti VW, Vol. XX, Lesson 22, 2001
Vesicovaginal and Urethrovaginal Fistulas. Rovner ES, Vol. 23, Lesson 6, 2005

URETHRAL NEOPLASMS:

URETHRAL STRICURE DISEASE:
Female Urethral Stricture Disease: Diagnosis and Management. Wu JN and Stone AR, Vol. 30, Lesson 7, 2011

URINARY BLADDER NEOPLASMS:
Adverse Effects of Intravesical bacillus Calmette-Guérin Therapy. Kim SJ, Wise GJ, Schlegel PN, Khani F and Herr H, Vol. 37, Lesson 8, 2018
Blue Light and Narrow Band Imaging in the Diagnosis and Treatment of Non-Muscle Invasive Bladder Cancer and Upper Tract Urothelial Cell Carcinoma. Gregg JR and Chang SS, Vol. 36, Lesson 11, 2017
Guidelines for Muscle Invasive Bladder Cancer. Lavianna AA and Chang SS, Vol. 37, Lesson 29, 2018
Malignancy Following Bladder Augmentation: Recommendations for Long-Term Follow-up and Cancer Screening. Husmann DA, Fox JA and Higuchi TT, Vol. 30, Lesson 24, 2011
Nontransitional Malignant Epithelial Tumors of the Urinary Bladder. Babaian RJ, Vol. IV, Lesson 21, 1995
Perioperative Systemic Chemotherapy for Patients with Muscle Invasive Bladder Cancer Undergoing Radical Cystectomy. Maruf M, Agarwal PK and Apolo AB, Vol. 37, Lesson 1, 2018
Primary Non-Urothelial Neoplasms of the Bladder. Dahm P and Gschwend JE, Vol. 23, Lesson 6, 2004
The Role of Lymphadenectomy for High Grade Invasive Bladder Cancer. Stein JP, Vol. 23, Lesson 21, 2004
The Status of Neoadjuvant Therapy for Bladder Cancer. Sternberg CN, Vol. 24, Lesson 22, 2004

**URINARY CATHETERIZATION:**

**URINARY DIVERSION:**
Adult Urinary Tract Infections. Rourke E, Kraus SR and Liss MA, Vol. 36, Lesson 37, 2017
Continent Catheterizable Channels. Casey JT and Yerkes EB, Vol. 33, Lesson 16, 2014
Continent Orthotopic Urinary Diversion in Female Patients. Darson MF, Blute ML and Barrett DM, Vol. XIX, Lesson 33, 2000
Continent Urinary Diversions Excluding the Kock Pouch Part I. Sagalowsky AI, Vol. VI, Lesson 2, 1987
Continent Urinary Diversions Excluding the Kock Pouch Part II. Sagalowsky AI, Vol. VI, Lesson 3, 1987
Laparoscopic Use of Bowel in Urological Reconstruction. Murphy DP and Gill IS, Vol. 23, Lesson 14, 2004

Malignancy Following Bladder Augmentation: Recommendations for Long-Term Follow-up and Cancer Screening. Husmann DA, Fox JA and Higuchi TT, Vol. 30, Lesson 24, 2011

Malignant Potential of Lower Urinary Tract Reconstruction Using Bowel. Spencer JR and Filmer RB, Vol. XII, Lesson 38, 1993


Perspectives on Cystectomy and Diversion. Rowland RG and Mitchell ME, Vol. IV, Lesson 29, 1985


Use of Colon in Conduit Diversion. Schmidt JD, Vol. IV, Lesson 33, 1985

**URINARY INCONTINENCE:**


Autologous Slings. Koski ME and Winters JC, Vol. 37, Lesson 37, 2018


Behavioral Treatment of Pelvic Floor Disorders. Han E, O'dabachian L and Gillner J, Vol. 37, Lesson 18, 2018


Colpocystourethropexy. Tanagho EA, Vol. XII, Lesson 27, 1993


Decreased Bladder Compliance: Causes, Implications and Treatment. Rourke E, Winters JC and Kraus SR, Vol. 37, Lesson 20, 2018


Diagnosis and Treatment of Intrinsic Sphincter Dysfunction in Females. Haab E, Zimmern RE and Leach GE, Vol. XV, Lesson 35, 1996


Drug Treatment of Voiding Dysfunction Part II: Drug Treatment of Storage Failure. Wein AJ, Vol. VII, Lesson...
Update on Vesicoureteral Reflux. Duckett JW, Vol. XII, Lesson 5, 1993

WATER-ELECTROLYTE IMBALANCE:

WOUND HEALING: See Surgical Procedures, Operative

WOUNDS AND INJURIES:
Lessons Learned in Military Urotrauma. Hudak SJ, Vol. 38, Lesson 24, 2019