

UROLOGY

Review Article

The Relative Efficacy and Safety of Mirabegron and OnabotulinumtoxinA in Patients With Overactive Bladder who Have Previously Been Managed With an Antimuscarinic: A Network Meta-analysis 1

Greta Lozano-Ortega, David Walker, Basia Rogula, Alison Deighton, Karissa Johnston, Neil Hawkins, and Roger Dmochowski

Grand Rounds

Malignant Renal Solitary Fibrous Tumor With Two Local Recurrences and Distant Pulmonary Metastasis 9

Skander Sammoud, Souad Ferjani, Moez Hamdani, and Asma Toumi

Metachronous Isolated Splenic Metastasis in a Young Patient With Renal Cell Carcinoma: Case Report and Literature Review 13

Manuela Costantini, Gabriele Tuderti, Francesco Minisola, Vincenzo Pompeo, Steno Sentinelli, Carla A. Amoreo, Giulio Vallati, Maria L. Poeta, Michele Gallucci, and Giuseppe Simone

Ambulatory, Office-based, and Geriatric Urology

The Association Between Race and Frailty in Older Adults Presenting to a Nononcologic Urology Practice 19

Samuel L. Washington III, Sima P. Porten, Kathryn Quanstrom, Chengshi Jin, Mark Bridge, Emily Finlayson, Louise C. Walter, and Anne M. Suskind

Education

Disparities in Pediatric Operative Experience during Urology Residency Training 24

Jason Silvestre, Jade M Hernandez, and David I. Lee

Workplace Bullying of Urology Residents: Implications for the Patient and Provider 30

Mashrin L. Chowdhury, Maha M. Husainat, and Kristina D. Suson

EDITORIAL COMMENT: Michael Coburn 34

AUTHOR REPLY: Mashrin L. Chowdhury, Maha M. Husainat, and Kristina D. Suson 35

Examining Trends in Underrepresented Minorities in Urology Residency 36

Govind Shantharam, Timothy Y. Tran, Heather McGee, and Simone Thavaseelan

EDITORIAL COMMENT: Yaw A. Nyame 40

Consistencies and Discrepancies Between the Expectations of Urology Trainees and the Experience of Practicing Urologists 42

Julie W. Cheng, Hillary Wagner, Barbara Couden Hernandez, and Herbert C. Ruckle

EDITORIAL COMMENT: Andrew T. Lenis 47

AUTHOR REPLY: Julie W. Cheng 48

Female Urology, Urodynamics, Incontinence, and Pelvic Floor Reconstructive Surgery

Abdominal Versus Standard Placement of the Sacral Nerve Stimulator Implantable Pulse Generator 49

Adarsh Manjunath, Mary Kate Keeter, Kimberly Koloms, and Stephanie J. Kielb

Health Services Research

Expanded Prostate Cancer Index Composite-26 (EPIC-26) Online: Validation of an Internet-Based Instrument for Assessment of Health-Related Quality of Life After Treatment for Localized Prostate Cancer 53

David J. Einstein, Dattatraya Patil, Jonathan Chipman, Meredith M. Regan, Kyle Davis, Catrina M. Crociani, Andrew A. Wagner, Martin G. Sanda, and Peter Chang

continued on page A4

Cover Photo: A 5-year trends of URM representation in urology vs surgery vs all fields.

Oncology

HepaCAM Regulates Warburg Effect of Renal Cell Carcinoma via HIF-1 α /NF- κ B Signaling Pathway 61

Yanru Fan, Liping Ou, Jiaxin Fan, Luo Li, Xiaohou Wu, Chunli Luo, Yingying Gao, and Lingfang Niu

The Accuracy of Prostate Magnetic Resonance Imaging Interpretation: Impact of the Individual Radiologist and Clinical Factors 68

Nicholas A. Pickersgill, Joel M. Vetter, Neel S. Raval, Gerald L. Andriole, Anup S. Shetty, Joseph E. Ippolito, and Eric H. Kim

EDITORIAL COMMENT: Andrei S. Purysko 72

Oncologic Outcomes Following Surgical Management of Clinical Stage II Sex Cord Stromal Tumors 74

Adam C. Calaway, Isamu Tachibana, Timothy A. Masterson, Richard S. Foster, Lawrence H. Einhorn, and Clint Cary

Downgrading of Grade Group After Radical Prostatectomy: Comparison of Multiparametric Magnetic Resonance Imaging Guided Fusion Biopsy and Standard 12-Core Biopsy 80

Alp Tuna Beksac, Stanislaw Sobotka, Paige Xu, Akriti Gupta, Patrick Julien Treacy, Rachel Weil, Kanika Mahajan, Sonya Prasad, Shivaram Cumarasamy, Alberto Martini, Ugo Falagario, Ardeshir Rastinehad, and Ashutosh K. Tewari

Prostatic Diseases and Male Voiding Dysfunction

Feasibility of Transvesical Prostate Resection and Its Effect on Postoperative Complications 86

Hakan Türk, Erkan Arslan, and Sıtkı Ün

Systemic Comorbidity Burden Using the ACTIONS Phenotype Predicts Urologic Medication Discontinuation Following Transurethral Resection of the Prostate 91

JJ H. Zhang, Bradley A. Gill, Lamont Wilkins, Rathika R. Ramkumar, and Daniel A. Shoskes

Pediatric Urology

Evaluating Clinical Outcomes of an Advanced Practice Provider-Led Newborn Circumcision Clinic 97

Jonathan A. Gerber, Alexandra N. Borden, Jacqueline Broda, Sarah Koelewyn, Adithya Balasubramanian, Duong Tu, Chester J. Koh, Paul F. Austin, David R. Roth, and Abhishek Seth

Patient Characteristics Associated With Completion of 24-hour Urine Analyses Among Children and Adolescents With Nephrolithiasis 102

Albert S Lee, Laura McGarry, Diana K. Bowen, and Gregory E. Tasian

Cost-Effectiveness Analysis of the Management of Distal Ureteral Stones in Children 107

Katherine H. Chan, Benjamin M. Whittam, Amy Krambeck, Stephen M. Downs, Rosalia Misseri, Mark P. Cain, and William E. Bennett

Testicular Volume Changes in Laparoscopic Staged Fowler-Stephens Orchiopexy: Studying the Impact of Testicular Vessel Division 113

Ahmed Abdelhalim, Joshua D. Chamberlin, Irene Young, Miriam Fahim, Kai-wen Chuang, Irene M. McAleer, Elias Wehbi, Heidi A. Stephany, and Antoine E. Khoury

Distribution of Semen Parameters Among Adolescent Males Undergoing Fertility Preservation in a Multicenter International Cohort 119

Joshua A. Halpern, Nannan Thirumavalavan, Taylor P. Kohn, Amir S. Patel, Joon Yau Leong, Raimondo M. Cervellione, David J.B. Keene, Emad Ibrahim, Nancy L. Brackett, Dolores J. Lamb, and Ranjith Ramasamy

Pediatric Case Reports

Intermittent Urinary Incontinence Secondary to Inverted-Y Ureteral Duplication With Perianal Ectopia 124

Dilsa Souffrant, Jennifer Hagerty, Kaity Colon-Sanchez, Monica Epelman, and Pamela Ellsworth

Reconstructive Urology

Dual Prosthetic Implantation After Radical Cystoprostatectomy and Neobladder: Outcomes of the Inflatable Penile Prosthesis and Artificial Urinary Sphincter in Bladder Cancer Survivors 127

Jeffrey C. Loh-Doyle, Akbar Ashrafi, Azadeh Nazemi, Saum Ghodoussipour, Eli Thompson, Kevin Wayne, and Stuart D. Boyd

"Show Me How" Video

Robotic Pyelolithotomy for the Intact Removal of a Complete Staghorn Calculus: A Feasible Approach Even After a Previous Open Pyelolithotomy 133

Alexander K. Chow, and Leslie A. Deane

Basic and Translational Science

Acute Kidney Injury Induced by Pneumoperitoneum Pressure Via a Mitochondrial Injury-dependent Mechanism in a Rabbit Model of Different Degrees of Hydronephrosis 134

Wei li, Zhixiu Cao, Weimin Yu, Xiaobing Yao, Rao Ting, and Fan Cheng

Images in Clinical Urology

Rectal Mucosa Graft Take in Staged Urethroplasty e1

Elizabeth J. Pagura, Jaime A. Cavallo, Leonard N. Zinman, and Alex J. Vanni

Primary High-grade Peripheral T-cell Lymphoma of the Testis Clinically Confused With Scrotal Abscess e3

Badr AbdullGaffar, Rania M. Seliem, and Ahmad AlAmir

Trocar Site Hernia After Retroperitoneal Laparoscopic Partial Nephrectomy: A Case Report and Literature Review e6

Yubo Yang, Ping Han, and Xin Wei

Rare Abdominal Cutaneous Presentation of Clear Cell Renal Cell Carcinoma: A Case Report e8

Elana R. Osen, and Anne Y. Warren

BCG Renal Granuloma e10

Jeffrey Marks, Michael Argyres, and Granville Lloyd

Letters to the Editor

Is Very High Power/Frequency Really Necessary During Laser Lithotripsy? RE: Understanding the Popcorn Effect During Holmium Laser Lithotripsy for Dusting (Aldoukhi et al, Urology. 2018 Dec;122:52-57) 135

Eugenio Ventimiglia, and Olivier Traxer

Reply to: Letter-to-the-editor: Understanding the Popcorn Effect During Holmium Laser Lithotripsy for Dusting 135

Ali H. Aldoukhi, and Khurshid R. Ghani

Events Calendar

A6

Proprietary Names

Many of the words appearing in UROLOGY are proprietary names although no reference to this fact is made in the text. Any name appearing without designation as a proprietary is, therefore, not to be regarded as a representation by the editorial board or publisher that it is not the subject of proprietary rights.