Rapid Communication

Aquablation for Benign Prostatic Hyperplasia in Large Prostates (80-150 cc): 1-Year Results

Naeem Bhojani, Mohamed Bidair, Kevin C. Zorn, Andrew Trainer, Andrew Arther, Eugene Kramolowsky, Leo Doumanian, Dean Eltoum, Ronald P. Kaufman, James Lingeman, Amy Krambeck, Gregg Eure, Gopal Badlani, Mark Plante, Edward Uchio, Greg Gin, Larry Goldenberg, Ryan Paterson, Alan So, Mitch Humphreys, Steven Kaplan, Jay Motola, Mihir Desai, and Claus Roehrborn

Review Article

Is Extraprostatic Extension of Cancer Predictable? A Review of Predictive Tools and an External Validation Based on a Large and a Single Center Cohort of Prostate Cancer Patients

Bernardo Rocco, Maria Chiara Sighinolfi, Marco Sandri, Ahmed Eissa, Ahmed Elsherby, Ahmed Zoir, Harvey Tadzia, Hariharan Palayapalayam, Darian Kameh, Rafael Coelho, Stefano Puliatti, Paola Zuccolotto, Rodolfo Montironi, Peter Winklum, Salvatore Micali, Giampaolo Bianchi, and Vipul Patel

Grand Rounds

A Rare Cause of Urinary Peritonitis: Intra-abdominal Adhesion Rupture

Kayla M. Secrest, and Christopher J. Maki

Three Cases of Testicular Adrenal Rest Tumors in Congenital Adrenal Hyperplasia—A Diagnostic and Therapeutic Challenge

Christian Lottspeich, Ulrich Müller-Lisse, Lysann Seiler, Annette Hildegard Schmitt-Graeff, Martin Reinke, and Nicole Reisch

Ambulatory, Office-based, and Geriatric Urology

Use of Office Versus Ambulatory Surgery Center Setting and Associated Ancillary Services on Healthcare Cost Burden for Vasectomy Procedures

Vitaly Zholudev, Amir Ishaq Khan, Dattatraya Patil, Christopher P. Filson, and Akanksha Mehta

EDITORIAL COMMENT: R. Matthew Coward

AUTHOR REPLY: Akanksha Mehta

A Novel Proteomics Approach to Identify Serum and Urinary Biomarkers and Pathways that Associate with Lower Urinary Tract Symptoms in Men and Women: Pilot Results of the Symptoms of Lower Urinary Tract Dysfunction Research Network (LURN) Study

Brian T. Helfand, Victor P. Andreev, Nazema Y. Siddiqui, Gang Liu, Bradley A. Erickson, Margaret E. Helmuth, Susan K. Lutgendorf, H. Henry Lai, and Ziya Kirkali, the LURN Study Group

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

Botulinum Toxin Type A Injection After Failure of Augmentation Enterocystoplasty Performed for Neurogenic Detrusor Overactivity: Preliminary Results of a Salvage Strategy. The ENTEROTOX Study

Floriane Michel, Carine Ciceron, Benjamin Bernuz, Romain Boissier, Sarah Gaillot, Alexia Even, Emmanuel Chartier-Kastler, Pierre Denys, Xavier Gamé, Alain Ruffion, Loic Le Normand, Brigitte Perrouin-Verbe, Christian Sausseine, Andrea Manunta, Véronique Forin, Marianne De Seze, Philippe Grise, Hubert Tournebise, Brigitte Schurch, and Gilles Karsenty

Transobturator Tape: Over 10 Years Follow-up

Franca Natale, Ester Illiano, Alessandro Marchesi, Chiara La Penna, and Elisabetta Costantini

Cover Photo: Family pedigree. (A) Familial pedigree demonstrating cryptorchidism in the 62-year-old father and neonatal testicular torsion in the now 25-year-old and 27-year-old sons. (B) Chromosome 3 demonstrating the locus of RAF1 and the three conserved regions (CR) as well as the mutation found in this family.

Full-text articles available online at www.goldjournal.net
Genomics in Urologic Health and Disease

Genetic and Environmental Influences on Urinary Conditions in Men: A Classical Twin Study
Marianna Gasperi, John N. Krieger, Matthew S. Panizzon, Jack Goldberg, Dedra Buchwald, and Niloofar Afari

Whole-Exome Sequencing Identifies Novel Heterozygous Mutation in \( \text{RAF1} \) in Family With Neonatal Testicular Torsion
Taylor P. Kohn, Diana M. Lopategui, Himanshu Arora, Anthony J. Griswold, and Ranjith Ramasamy

EDITORIAL COMMENT: Richard Schlussel

AUTHOR REPLY: Taylor P. Kohn, Diana M. Lopategui, Himanshu Arora, Anthony J. Griswold, and Ranjith Ramasamy

Genomics Case Report

Ovotesticular Disorder of Sex Development: A Rare Case of Lateral Subtype 45X/46XY karyotype Diagnosed in Adulthood
Marina Caputo, Chiara Mele, Marco Zavattaro, Maria Teresa Samà, Mara Giordano, Paolo Umari, Alessandro Volpe, Gianluca Aimaretti, and Flavia Prodam

Whole Exome Sequencing Identifies a Rare Nonsense Mutation in \( \text{FAM47C} \) as a Possible Cause of Severe Oligospermia in Brothers With Varicocele
Willy Chertman, Himanshu Arora, Anthony J. Griswold, Diana M. Lopategui, and Ranjith Ramasamy

Health Services Research

Downstream Studies Following the Use of Bone Scan in the Staging of Muscle-invasive Bladder Cancer
Avinash Maganty, Robert M. Turner II, Jonathan G. Yabes, Benjamin J. Davies, Dwight E. Heron, and Bruce L. Jacobs

Contemporary Management of Incident Prostate Cancer in Large Community Urology Practices in the United States

EDITORIAL COMMENT: Nirmish Singla, and Vitaly Margulis

AUTHOR REPLY: Jeremy B. Shelton, and Neal Shore

Infectious Diseases

Prospective Implementation of a Point-of-Care PCR-Based Detection Method to Guide Antibiotic Use Prior to Prostate Biopsy Compared to Targeted Prophylaxis and Physician Choice
Michael A. Liss, Allison Sherrill, Shane Barney, Andrea Yunes, Evenki Sokurenko, and Brian Wickes

Laparoscopy and Robotics

Factors Influencing the Feasibility of Segmental Artery Clamping During Retroperitoneal Laparoscopic Partial Nephrectomy
Jian Qian, Jie Jiang, Pu Li, Shaobo Zhang, Meiling Bao, Chao Qin, Xiaolin Meng, Pengfei Shao, and Zengjun Wang

Perioperative Outcomes and Complications after Robotic Radical Cystectomy With Intracorporeal or Extracorporeal Ileal Conduit Urinary Diversion: Head-to-head Comparison From a Single-Institutional Prospective Study
Riccardo Bertolo, Jose Agudelo, Juan Garisto, Sherif Armanyous, Amr Fergany, and Jihad Kaouk

EDITORIAL COMMENT: Eric C. Riedinger, and James M. Bienvenu

AUTHOR REPLY: Riccardo Bertolo, Juan Garisto, Pierluigi Bove, and Jihad Kaouk

Male Sexual Dysfunction

Comparison of Patient’s Satisfaction and Long-term Results of 2 Penile Plication Techniques: Lessons Learned From 387 Patients With Penile Curvature
Selahittin Çayan, Ramazan Aşcı, Ozan Efesoy, Fatih Kocamanoglu, Erdem Akbay, and Önder Yaman

EDITORIAL COMMENT: Ronald W. Lewis

A Comparison of Hemostatic Patches Versus Pericardium Allograft for the Treatment of Complex Peyronie’s Disease With Penile Prosthesis and Plaque Incision
M. Ryan Farrell, George A. Abdelsayed, Matthew J. Ziegelman, and Laurence A. Levine

continued on page A5
Safety and Efficacy of Collagenase Clostridium Histolyticum in Peyronie’s Disease Men With Ventral Curvatures 119
Manaf Alom, Yifan Meng, Kiran Lata Sharma, Joshua Savage, Tobias Kohler, and Landon Trost

EDITORIAL COMMENT: Jeffrey D. Campbell, and Gerald B. Brock 124

AUTHOR REPLY: Manaf Alom, Yifan Meng, Kiran Lata Sharma, Joshua Savage, Tobias Kohler, and Landon Trost 125

Oncology

The Histopathologic Correlation of Bosniak 3 Cyst Subclassification 126
Ertugrul Sefik, Ibrahim Halli Bozkurt, Zehra Hilal Adibelli, Mehmet Erhan Aydin, Serdar Celik, Gulsen Yucel Oguzdogan, Ismail Basmaci, Sacir Nuri Gorgel, Enver Vardar, Bulent Gunluszoy, and Tansu Degirmenci

International and Multi-institutional Assessment of Factors Associated With Performance and Quality of Lymph Node Dissection During Radical Nephrectomy 132

Outcomes of Partial and Radical Nephrectomy in Octogenarians – A Multicenter International Study (Resurge) 139

High Response Rates to Neoadjuvant Chemotherapy in High-Grade Upper Tract Urothelial Carcinoma 146
Xiaosong Meng, Brian Chao, Varun Vijay, Hayley Silver, Ezra J. Margolin, Arjun Balar, Samir S. Taneja, Ojas Shah, Marc A. Bjurlin, Christopher B. Anderson, and William C. Huang

EDITORIAL COMMENT: Mohit Gupta, and Phillip M. Pierorazio 151

AUTHOR REPLY: Xiaosong Meng, and William C. Huang 151

The Utility of Prostate Specific Antigen Density, Prostate Health Index, and Prostate Health Index Density in Predicting Positive Prostate Biopsy Outcome is Dependent on the Prostate Biopsy Methods 153
Camila Lopes Vendrami, Robert J. McCarthy, Argha Chatterjee, David Casalino, Edward M. Schaeffer, William J. Catalona, and Frank H. Miller

Baseline Basal Cell Hyperplasia Is not Associated With Baseline Lower Urinary Tract Symptoms, Baseline Clinical Prostatitis or Prostate Cancer in Repeat Biopsies 160
DMO Freitas, GL Andriole, SJ Freedland, BS Neto, and DM Moreira

EDITORIAL COMMENT: Douglas Strand 163

AUTHOR REPLY: DMO Freitas, and DM Moreira 164

Location of Recurrence by Gallium-68 PSMA-11 PET Scan in Prostate Cancer Patients Eligible for Salvage Radiotherapy 165
Lauren Boreta, Adam J. Gadzinski, Susan Y. Wu, Melody Xu, Kirsten Greene, Kathryn Quanstrom, Hao G. Nguyen, Peter R. Carroll, Thomas A. Hope, and Felix Y. Feng

EDITORIAL COMMENT: Axel Heidenreich, and Milena Rieke 170

AUTHOR REPLY: Lauren Boreta, Adam J. Gadzinski, Thomas A. Hope, and Felix Y. Feng 170

continued on page A6
Prostatic Diseases and Male Voiding Dysfunction

**Efficacy and Safety of Serenoa repens Extract Among Patients with Benign Prostatic Hyperplasia in China: A Multicenter, Randomized, Double-blind, Placebo-controlled Trial**

Zhangqun Ye, Jian Huang, Liqun Zhou, Shan Chen, Zengjun Wang, Lulin Ma, Dongfang Wang, Gongxian Wang, Shusheng Wang, Chaozhao Liang, Shaopeng Qiu, Xiaojian Gu, Jianhe Liu, Zhiliang Weng, Changli Wu, Qiang Wei, Liping Xie, Weizhen Wu, Yue Cheng, Jingqian Hu, Zhixian Wang, and Xiaoyong Zeng

Reconstructive Urology

**The Impact of Frailty on Artificial Urinary Sphincter Placement and Removal Procedures**

Andrew R. Medendorp, Jennifer T. Anger, Chengshi Jin, Katherine A. Amin, Lindsay A. Hampson, Una J. Lee, and Anne M. Suskind

**Neo-vaginal Advancement Flaps in the Treatment of Urethral Strictures in Transwomen**

Marjan Waterloos, Stephanie Hollebosch, Wesley Verla, Anne-Francoise Spinoit, Piet Hoebeke, Stan Monstre, and Nicolaas Lumen

Pediatric Urology

**Pediatric Urinary Stone Disease in the United States: The Urologic Diseases in America Project**

Julia B. Ward, Lydia Feinstein, Casey Pierce, John Lim, Kevin C. Abbott, Tamara Bavendam, Ziya Kirkali, and Brian R. Matlaga, The NIDDK Urologic Diseases in America Project

**The Incidence and Durability of Compensatory Hypertrophy in Pediatric Patients with Solitary Kidneys**

Mary Katie Wang, Thomas Gaither, Andrew Phelps, Ronald Cohen, and Laurence Baskin

Surgical Techniques in Urology

**The Use of Full Thickness Skin Graft Phalloplasty During Adult Acquired Buried Penis Repair**

M. Francesca Monn, Juan Socas, and Matthew J. Mellon

Surgeon’s Workshop

**Avoiding the Need for Bowel Anastomosis during Pelvic Exenteration—Urinary Sigmoid or Descending Colon Conduit—Short and Long Term Complications**

Mehrdad Alemozaffar, Catherine S. Nam, Mohammed A. Said, Dattatraya Patil, K. Jeff Carney, Sam David, and Viraj A. Master

Pediatric Case Reports

**Genetic Testing Proves Crucial in Case of Ambiguous Genitalia and Renal Masses**

John Weaver, Kyle O. Rove, Bhalajee Meenakshi-Sundaram, and Gino J. Vricella

**A Case of Primary Paratesticular Wilms Tumor in an Undescended Testis**

Travis W. Groth, James Southern, Jessica Tsai Goetz, and Ayesha Farooq

**Adult Wilms Tumor During Pregnancy: Case Report and Literature Review**

Jonathan P. Walker, Amanda F. Saltzman, Elizabeth R. Kessler, and Nicholas G. Cost

**Dermatofibrosarcoma Protuberans in a Male Infant**

Leslie Peard, Nicholas G. Cost, and Amanda F. Saltzman

“Show Me How” Video

**Tips and Tricks for Performing a Retrograde Pyelogram**

Tessa E. Krantz, Scott C. McFerren, Julie M. Riley, Gena C. Dunivan, and Frances M. Alba

**Robot-assisted Partial Nephrectomy and Bilateral Pyelolithotomy in Ectopic Pelvic Kidneys**


**Technical Considerations of Single Port Ureteroneocystostomy Utilizing da Vinci SP Platform**

Kevin J. Hebert, Jason Joseph, Matthew Gettman, Matthew Tollefson, Igor Frank, and Boyd R. Viers

continued on page A7
<table>
<thead>
<tr>
<th>Images in Clinical Urology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>An Uncommon Case of a Traumatic Corporal Cutaneous Fistula</strong></td>
</tr>
<tr>
<td>M. Francesca Monn, and Matthew J. Mellon</td>
</tr>
<tr>
<td><strong>Small Bowel Adenocarcinoma of Ileal Ureter 40 Years After Ureteral Reconstructive Surgery</strong></td>
</tr>
<tr>
<td>Joao Matos, Ilaria Mussetto, Nicola Romano, Luca Valle, Cristina Gauglio, and Lorenzo Egildo Derchi</td>
</tr>
<tr>
<td><strong>A Case of Metastatic Prostate Cancer to the Urethra That Resolved After Androgen Deprivation Therapy</strong></td>
</tr>
<tr>
<td>Darren J. Bryk, Kenneth W. Angermeier, and Eric A. Klein</td>
</tr>
<tr>
<td><strong>Acute Urinary Retention Due to Late Migration of a Retained Bullet to the Urethral Meatus</strong></td>
</tr>
<tr>
<td>Anjali Shekar, Itunu Arojo, Laura Bukavina, Kirtishri Mishra, and Carvell Nguyen</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Letters to the Editor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A Thoughtful Pause for Sparing Oophorectomy</strong></td>
</tr>
<tr>
<td>Samuel C. Haywood, Kara Long Roche, and Bernard H. Bochner</td>
</tr>
<tr>
<td><strong>Re: Lowrey et al: Bladder Agenesis and Associated Pelvic Arterial Anomaly in 2 Female Pediatric Patients (Urology 2019;123:227-229)</strong></td>
</tr>
<tr>
<td>Marissa Kent, Ron Shapiro, Scott Ames, and Jeffrey A Stock</td>
</tr>
<tr>
<td><strong>Author Reply to “Letter to the Editor on: Bladder Agenesis and Associated Pelvic Arterial Anomaly in 2 Female Pediatric Patients” (#URL-D-19-00427)</strong></td>
</tr>
<tr>
<td>Thomas Lowrey, Shellie Josephs, and Linda A. Baker</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Events Calendar</th>
</tr>
</thead>
<tbody>
<tr>
<td>A8</td>
</tr>
</tbody>
</table>

**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.