SUCCESS OF FIRST WORLD CONGRESS OF PEDIATRIC UROLOGY UNDERSCORES INCREASING IMPORTANCE OF SPECIALTY

PAPERS PUBLISHED IN THE JOURNAL OF UROLOGY AND THE JOURNAL OF PEDIATRIC UROLOGY

Philadelphia, PA, April 28, 2011 – The first World Congress of Pediatric Urology was held in San Francisco in May 2010, bringing together the largest and most successful international congregation of pediatric urologists ever assembled. As part of a collaborative effort, The Journal of Urology and the Journal of Pediatric Urology have together published the landmark papers presented at this meeting.

The vitality of clinical and basic pediatric urology research was evident at the Congress held in conjunction with the annual meeting of the American Urological Association (AUA). “This Congress has laid the foundation for the development of future similar meetings where the international community of pediatric urology can share ideas,” commented Anthony A. Caldamone, MD, The Warren Alpert Medical School of Brown University and Co-Editor, Journal of Pediatric Urology. “It was truly a step forward in the maturation of pediatric urology as a specialty worldwide.”

Keynote speaker Dr. David Bloom summarized the “First 50 years of Pediatric Urology” blending factual information with entertaining observations. Other conference highlights included Professor Christopher Woodhouse, the Meredith Campbell Lecturer, who spoke on the important topic of transitional care as pediatric urologic patients move into adulthood. Dr. Bernard Churchill provided new insights on nanotechnology and its potential application in pediatric urology. Dr. Alyssa Lebel, the Kelm Hjalmas ICCS Memorial Lecturer, discussed the intricacies of neural circuits and micturition as evaluated by functional MRI. Dr. Craig Peters reviewed some of the controversial
points of vesicoureteral reflux treatment and Dr. John Brock summarized the impact of prenatal diagnosis on the practice of pediatric urology.

Panel discussions covered such topics as the long-term implications of testicular maldescent, treatment of nocturnal enuresis, regenerative medicine, minimally invasive surgery, hypospadias surgery, pediatric varicoceles, disorders of sexual development and Wilms tumor treatment.

World Congress Planning Committee Chair, Marc Cendron, MD, Associate Professor in Surgery (Urology), Harvard Medical School, observed that “the meeting achieved its stated goal which was to bring together as many pediatric urologists and nurses from around the world as possible since a final participant tally was well over 1000 representing over 60 countries. The ground work for a second World Congress of Pediatric Urology has been laid out.”

Through the generosity of the American Urological Association, the Journal of Pediatric Urology Company and Elsevier, publisher of both journals, all articles have been made openly available online so that all pediatric urologists have access to these important contributions to the pediatric urology literature.

Articles appear in The Journal of Urology, Supplement to Volume 185:6 (June 2011), which is freely accessible at www.jurology.com, and a special issue of the Journal of Pediatric Urology devoted to the conference papers, Volume 7, Issue 3 (June 2011), which is freely accessible at www.jpurol.com.

# # #

Full text of articles is available to credentialed journalists upon request and also freely accessible at www.jurology.com and www.jpurol.com. To obtain copies or request an interview, contact Rachael Zaleski at 215-239-3658 or email jumedia@elsevier.com.

The Journal of Urology, Supplement to Volume 185:6 (June 2011)
Guest Editors:
H. Gil Rushton, MD, Children’s National Medical Center, Washington, DC
David B. Joseph, MD, Children’s Hospital, Birmingham, AL
Anthony A. Caldamone, The Warren Alpert Medical School of Brown University, Providence, RI

TABLE OF CONTENTS
Foreword: First World Congress of Pediatric Urology
M. Cendron

Cryptorchidism
Acquired Undescended Testes in Boys With Hypospadias
T. Itesako, K. Nara, F. Matsui, F. Matsumoto and K. Shimada

Endocrine Assessment of Prepubertal Boys With History of Cryptorchidism and/or Hypospadias:
Pilot Study
S. Iwatsuki, Y. Kojima, K. Mizuno, H. Kamisawa, Y. Umemoto, S. Sasaki, K. Kohri and Y. Hayashi
(Editorial Comment by G. E. Tasian)
Evolution of Single Practice Trends in Surgical Approach to Undescended Testicle
S.P. Cuda, A.K. Srinivasan, J. Kalisvaart and A.J. Kirsch (Editorial Comment by J. Wan)

Management of Looping Vas Deferens During Laparoscopic Orchiopexy

Testicular Torsion
Pediatric Testicular Torsion: Demographics of National Orchiopexy Versus Orchiectomy Rates

Salvage of Bilateral Asynchronous Perinatal Testicular Torsion
C.C. Roth, G.C. Mingin and J. Ortenberg (Editorial Comment by H.M. Snyder, III)

Familial Testicular Torsion

Hypospadias/Penile Surgery
Structural Study of Prepuce in Hypospadias—Does Topical Treatment With Testosterone
Produce Alterations in Prepuce Vascularization?

"Hanging" of Buccal Mucosal Graft for Urethral Stricture Repair After Failed Hypospadias
M.L. Djordjevic, V. Kojovic, M. Bizic, M. Majstorovic, V. Vukadinovic and G. Korac

Outcomes of Hypospadias Repair in Older Children: Prospective Study
A. Ziada, A. Hamza, M. Abdel-Rassoul, E. Habib, A. Mohamed and M. Daw (Editorial Comment by M.R. Zaontz)

Simplified Surgical Approach to Congenital Megaprepuce: Fixing, Unfurling and Tailoring
Revisited

Posterior Urethral Valve
Posterior Urethral Valves: Multivariate Analysis of Factors Affecting Final Renal Outcome

Setting Speed Limit: Pilot Study of Rate of Serum Creatinine Decrease After Endoscopic Valve Ablation in Neonates
A.V. Deshpande, B.S. Alsaywid and G.H.H. Smith (Editorial Comment by G. Steinhardt)

Risk Factors Associated With Chronic Kidney Disease in Patients With Posterior Urethral Valves
Without Prenatal Hydroureterosis

Posterior Urethral Valve Treatments and Outcomes in Children Receiving Kidney
M.S. Fine, K.M. Smith, D. Shrivastava, M.E. Cook and A.R. Shukla

Hydronephrosis
Simplified Open Approach to Surgical Treatment of Ureteropelvic Junction Obstruction in Young Children and Infants
E. Ruiz, R. Soria, E. Ormaechea, M.M. Urquizo Lino, J.M. Moldes and F.I. de Badiola
Comparison of Learning Curve and Outcomes of Robotic Assisted Pediatric Pyeloplasty
M.D. Sorensen, C. Delostrinos, M.H. Johnson, R.W. Grady and T S. Lendvay (Editorial Comment by C.A. Peters)

BMP-7–Smad1/5/8 Pathway Promotes Kidney Repair After Obstruction Induced Renal Injury
S.R. Manson, R.A. Niederhoff, K.A. Hruska and P.F. Austin

Vesicoureteral Reflux
Salvage Dextranomer-Hyaluronic Acid Copolymer for Persistent Reflux After Ureteral Reimplantation: Early Success Rates
Y. Bar-Yosef, M. Castellan, D. Joshi, A. Labbie and R. Gosalbez (Editorial Comment by A.J. Kirsch)

Can We Rely on Presence of Dextranomer-Hyaluronic Acid Copolymer Mounds on Ultrasound to Predict Vesicoureteral Reflux Resolution After Injection Therapy?

Efficacy of Oral Midazolam for Decreasing Anxiety in Children Undergoing Voiding Cystourethrogram: Randomized, Double-Blind, Placebo Controlled Study

Neuropathic Bladder
Management of Urinary Tract in Spina Bifida Cases Varies With Lesion Level and Shunt Presence
P. Metcalfe, D. Gray and D. Kiddoo

Effects of Botulinum Toxin Type A in Bladder Wall of Children With Neurogenic Bladder Dysfunction: Comparison of Histological Features Before and After Injections
M.P. Pascali, G. Mosiello, R. Boldrini, M.L. Salsano, E. Castelli and M. De Gennaro

Simplified Technique for Botulinum Toxin Injections in Children With Neurogenic Bladder

Bladder Reconstruction/Transplantation
Bladder Neck Reconstruction is Often Necessary After Complete Primary Repair of Exstrophy

Extravesical Implantation of Continent Catheterizable Channel
B.A. VanderBrink, M. Kaefer, M.P. Cain, K.K. Meldrum, R. Misseri and R.C. Rink (Editorial Comment by M.K. Hanna)

Use of Inflatable Silicone Balloon Improves Success Rate of Bladder Autoaugmentation at Long-Term Followup
F. Trigo Rocha, H. Bruschini, J.A. Figueiredo, M.G. Machado, C.M. Gomes, F. Mascarenhas and M. Srougi

Cadaver Donor Kidney Retransplantation in Pediatric Patient: Complications and Long-Term Outcome
### TABLE OF CONTENTS

**Editorial:** J. D. Frank, P. Mouriquand, A.A. Caldamone

Foreword: The First World Congress of Pediatric Urology
M. Cendron

**Stones and Stone Management**

Percutaneous Nephrolithotomy for the Management of Stones in Anomalous Kidneys In Children
H.M. Abdeldaeim, S.A.I.M. Hamdy and I.A. Mokhless

Comparative Analysis of Nephrolithiasis in Otherwise Healthy Versus Medically Complex Gastrostomy Fed Children

Safety and Efficacy of PCNL for Management ff Staghorn Calculi In Pediatric Patients
R. Kumar, A. Anand, V. Saxena, A. Seth, P.N. Dogra and N.P. Gupta

Assessment of Recoverability of Kidney Function in Children with Obstructive Calculic Anuria: Multicenter Study

**Urinary Tract Infections and VUR**

The Inguinal Approach to Extravesical Ureteral Reimplantation Is Safe, Effective, and Efficient
J. Wiygul and L.S. Palmer

Quality of Life in Children With Vescicoureteral Reflux As Perceived by Children and Parents

**Hydronephrosis and Duplex Systems**

Observation of Infants With SFU Grades 3-4 Hydronephrosis: Worsening Drainage with Serial Diuresis Renography Indicates Surgical Intervention and Helps Prevent Loss of Renal Function

Outcomes and Fate of the Remnant Moiety Following Laparoscopic Heminephrectomy for Duplex Kidney: A Multicenter Review

**Reconstructive Surgery**

Bladder Substitute Reconstructed in a Physiological Pressure Environment
S. Bouhout, R. Gauvin, L. Gibot, D. Aubé and S. Bolduc

Miniature Pyeloplasty as a Minimally Invasive Surgery With Less Than 1 Day Admission in Infants
A.-M. Kajbafzadeh, A. Tourchi, B. Ghazi Nezami, M. Khakpour, A. Abbas Mousavian and S. Shafaat Talab
**Hypospadias**
Ventral Corporal Body Grafting for Correcting Severe Penile Curvature Associated With Single or Two-Stage Hypospadias Repair  
**M. Castellan, R. Gosalbez, J. Devendra, Y. Bar-Yosef and A. Labbie**

Epidemiologic Trends in Penile Anomalies and Hypospadias in the State Of California, 1985-2006  
**C.S. Elliott, M.S. Halpern, J. Paik, Y. Maldonado and L.D. Shortliffe**

Long-Term Results With a One-Stage Complex Primary Hypospadias Repair Strategy (the Three-in-One Technique)  
**A. Macedo Jr, R. Liguori, S.L. Ottoni, G. Garrone, E. Damazio, R.M. Mattos and V. Ortiz**

Z-Plasty for Sculpturing of the Bifid Scrotum in Severe Hypospadias Associated With Penoscrotal Transposition  
**I. Mokhless, M. Youssif, M. Eltayeb and M. Hanna**

**Basic Science**
Renal Parenchymal Fibrosis and Atrophy Are Not Correlated With Upper Tract Dilatation: Long-Term Study of Partial Unilateral Ureteral Obstruction in Neonatal Mice  
**N. Botto, R. Azoulay, M. Peuchmaur and A. El Ghoneimi**

In-Vivo Autologous Bladder Muscular Wall Regeneration: Application of Tissue-Engineered Pericardium in a Model of Bladder as a Bioreactor  
**A.M. Kajbafzadeh, S. Abdar Esfahani, S. Shafaat Talab, A. Elmi and M. Monajemzadeh**

Age and Proinflammatory Cytokine Production: Wound Healing Implications for Scar Formation and the Timing of Genital Surgery in Boys  
**D.M. Bermudez, D.A. Canning and K.W. Liechty**

**Voiding Dysfunction**
Dysfunction Elimination Syndrome: Is Age at Toilet Training a Determinant?  
**E.M.G.O. da Fonseca, P.G.R. Santana, F.A.P.M. Gomes and M.D. Bastos**

The Evaluation of Combined Standard Urotherapy, Abdominal and Pelvic Floor Retraining in Children With Dysfunctional Voiding  
**V.D. Zivkovic, M. Lazovic, I. Stanković, M. Vlajkovic and A. Slavkovic**

Effectiveness of Biofeedback for Dysfunctional Elimination Syndrome in Pediatrics: A Systematic Review  
**D.J. Desantis, M.P. Leonard, M.A. Preston, N.J. Barrowman and L.A. Guerra**

**Trauma**
Anterior Sagittal Transanorectal Approach in Trauma Injuries to the Posterior Urethra in Children: A Facilitating and Safe Acess  
**L.S. Onofre, J.Q. de Souza Leão, A.L. Gomes, A.C. Heinisch, F.Guilardi Leão and J. Carnevale**

Traumatic Strictures of the Posterior Urethra in Boys With Special Reference to Recurrent Stricture  

**Laparoscopy**
Transpelvic Anastomotic Stenting: A Good Option for Diversion After Pyeloplasty in Children  
**Le Tan Son, Le Cong Thang, Le Thanh Hung, Nguyen Thi Dan Tram, Huynh Cao Nhan and Nguyen Thi Truc Linh**
Disorders of Sexual Development
Dysgerminoma and Gonadal Dysgenesis: The Need for a New Diagnosis Tree for Suspected Ovarian Tumours
C. Capito, A. Arnaud, F. Hameury, B. Fremond, H. Lardy, M.D. Leclair and Y. Heloury

General Papers
Nephrectomy for Hypertension in Pediatric Patients With a Unilateral Poorly Functioning Kidney: A Contemporary Cohort

Renal Autotransplantation for the Treatment of Renovascular Hypertension in the Pediatric Population
J.P. Corbetta, V. Durán, C. Burek, S. Weller, C. Sager, R. Dingevan and J.C. Lopez

Development of Late, Symptomatic Abdominopelvic Lymphoceles More Than 10 Years Following Pediatric Reconstructive Urologic Procedures
J.A. Fox, S.R. Rathbun and D.A. Husmann

Objective Measurement of Quality of Life Changes After ACE Malone Using the FICQOL Survey
J.-h. Ok and E.A. Kurzrock

ABOUT THE JOURNAL OF UROLOGY®
Established in 1917, The Journal of Urology (www.jurology.com) is the official journal of the American Urological Association (www.auanet.org). It is the most widely read and highly cited journal in the field. It brings to its readership all the clinically relevant information needed to stay at the forefront of this dynamic field. This top-ranking journal presents investigative studies on critical areas of research and practice, survey articles providing short condensations of the best and most important urology literature worldwide and practice-oriented reports on interesting clinical observations.

ABOUT THE JOURNAL OF PEDIATRIC UROLOGY
The Journal of Pediatric Urology (www.jpurol.com) is the official journal of the European Society for Pediatric Urology (ESPU), Sociedad Iberoamericana de Urologia Pediatrica (SIUP), Asia Pacific Association of Pediatric Urology (APAPU), Saudi Pediatric Urology Group (SPUG) and Nucleo de Urologia Pediatrica da Escola Paulista de Medicina (NUPEP), Section Française d’Urologie Pediatrique (SFUP), British Association of Paediatric Urologists (BAPU), and Society for Fetal Urology (SFU). As the only peer-reviewed journal devoted solely to pediatric urology, the journal publishes original research and clinical articles; papers that cover the curriculum of paediatric urology; invited review articles by recognized experts on key aspects of the specialty; as well as short reports, correspondence and book reviews.

ABOUT ELSEVIER
Elsevier is a world-leading publisher of scientific, technical and medical information products and services. The company works in partnership with the global science and health communities to publish more than 2,000 journals, including The Lancet (www.thelancet.com) and Cell (www.cell.com), and close to 20,000 book titles, including major reference works from Mosby and Saunders. Elsevier’s online solutions include SciVerse ScienceDirect (www.sciencedirect.com), SciVerse Scopus (www.scopus.com), Reaxys (www.reaxys.com), MD Consult (www.mdconsult.com) and Nursing Consult (www.nursingconsult.com), which enhance the productivity of science and health professionals, and the SciVal suite (www.scival.com) and
MEDai’s Pinpoint Review (www.medai.com), which help research and health care institutions deliver better outcomes more cost-effectively.

A global business headquartered in Amsterdam, Elsevier (www.elsevier.com) employs 7,000 people worldwide. The company is part of Reed Elsevier Group PLC (www.reedelsevier.com), a world-leading publisher and information provider, which is jointly owned by Reed Elsevier PLC and Reed Elsevier NV. The ticker symbols are REN (Euronext Amsterdam), REL (London Stock Exchange), RUK and ENL (New York Stock Exchange).