**Pediatric Urology Fall Congress**

**Sponsored by the Society of Pediatric Urology**

***October 24-26, 2014***

***Lowes Miami Beach***

***Miami, Florida***

**Accreditation**

This activity has been planned and implemented by Ciné-Med and the Society for Pediatric Urology.  Ciné-Med is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing medical education for the health care team.

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**Friday, October 24, 2014**

**8:00am-6:00pm Registration**

1:00pm Welcome and Introduction

 Paul Austin, MD

 Scientific Program Chair

1:15pm **Scientific Session 1- Perinatal Urology 1**

 Christopher Cooper, MD

 Armando Lorenzo, MD

1:15pm 1. Fate of poorly functioning renal units managed by ureteral ligation: Longer follow up with reassuring clinical and sonographic assessment

 **Presenter:** Paul Bowlin

1:20pm MP1. Impact of urinary tract infections during the first year of life on conservative management of primary non-refluxing megaureter, with prenatal diagnosis: a longitudinal observational study

 **Presenter:** Dacia DiRenzo

1:22pm 2. Utility of whole exome sequencing in diagnosis of individuals with congenital anomalies of kidney and urinary tract

 **Presenter:** Mir Reza Bekheirnia

1:27pm MP2. Teaching Society for Fetal Urology (SFU) Grading of Pediatric Hydronephrosis Is Significantly Improved by Utilizing Structured Online Learning: A Prospective Multi-Institutional and Multi-Specialty Trial

 **Presenter:** Dennis Liu

1:29pm 3. Nadir creatinine in posterior urethral valves: How high is low enough?

 **Presenter:** Robert Coleman

1:34pm 4. The Anti-Inflammatory Effect of Mesenchymal Stem Cells after Partial Bladder Outlet Obstruction

 **Presenter:** Peter Metcalfe

1:39pm-1:50pm Q & A

1:50pm AAPU Lecture: “Update on the AAP UTI Guidelines< 2 yo”

 Kenneth Roberts

2:50pm Panel Discussion: Urology and Fetal Interventions

 Chair: John Brock

 Panelists:

* + - * John Brock – “Results of MOMS Trial and Ongoing Studies”
			* Antonio Macedo – “Brazilian Urological Update on In-utero Myelomeningocele Repairs “
			* Ruben Quintero – “In-utero Management of Fetal Urinary Obstruction with Special Attention on a Novel Shunt”
			* Douglass Clayton – “Fetal Intervention for PUV: Narrow Windows and Missed Opportunities”

**3:35pm BREAK**

3:50pm **Scientific Session 2-Perinatal Urology 2**

 Anthony Herndon

 Eric Kurzrock

3:50pm 5. Vesicoureteral Reflux (VUR) Occuring at low Bladder Volume is an Independent Risk Factor for Febrile UTI

 **Presenter:** Siobhan Alexander

3:55pm 6. Uroepithelial Thickening On Sonography After UTI Predicts High-Grade Vesicoureteral Reflux In Children Less Than 24 Months

 **Presenter:** Zachary Gordon

4:00pm MP3. The Lower Pole Crossing Vessel in Pediatric Ureteropelvic Junction Obstruction: A Predictive Analysis

 **Presenter:** Dana Weiss

4:02pm 7. Treatment of contralateral Hydrocele in neonatal testicular torsion: Is less more?

 **Presenter:** Martin Kaefer

4:07pm 8. Pre-Versus Post-natal diagnosis of bladder exsorophy: a 19-year single institution experience

 **Presenter:** Joseph Borer

4:12pm-4:25pm Q&A

4:25pm **Scientific Session 3- LUT Dysfunction/Enuresis**

 Lane Palmer

 Urbirajara Barross, Jr.

4:25pm 9. Parasomnia as pathophysiological mechanismin a subgroup of nocturnal enuresis

 **Presenter:** Sebastian Schulz-Juergensen

4:30pm MP4. Association between asthma with primary nocturnal enuresis in children

 **Presenter:** Victor Paschoalin

4:32pm 10. A systematic review to identify and assess parent-proxy and child self-reported questionnaires for pediatric urinary incontinence

 **Presenter:** Anthony Schaeffer

4:37pm MP5. Self-Cathing Experience Journal: Enhancing the Patient and Family Experience in Clean Intermittent Catheterization (CIC)

 **Presenter:** Stuart B. Bauer

4:39pm MP6. The talking toilet, a computerized biofeedback instrument for children with dysfunctional voiding

 **Presenter:** Keetje de Mooij

4:41pm 11. Diagnosis of constipation does not correlate with trans-abdominal ultrasound of rectal distention

 **Presenter:** Matthew D. Mason

4:46pm MP7. Daily enema regimen is superior to traditional therapies for non-neurogenic pediatric incontinence

 **Presenter:** Steve J. Hodges

4:48pm 12. A Pelvic Floor Biofeedback Prototype Using Low-Cost Mobile Technology

 **Presenter:** Jeremy Wiygul

4:53pm 13. Sacral Neuromodulation for Refractory Pediatric Voiding Dysfunction: Preliminary Results from a Standardized Protocol

 **Presenter:** Megan Schober

4:58pm 14. Prospective Evaluation of Urodynamic Findings Associated with Success of Sacral Nerve Modulation in Children

 **Presenter:** Matthew Mason

5:03pm MP8. Pilot Study of Home-Based EMG Biofeedback for Dysfunctional Voiding in Children

 **Presenter:** Israel P. Nosnik

5:05pm MP9. Is pelvic floor laxity a cause for daytime urinary incontinence in young girls?

 **Presenter:** Evalynn Vasquez

5:07pm MP10. A comparison of uroflows in boys following primary distal tip, proximal tip and proximal 2-stage graft repairs

 **Presenter:** Gwen M. Grimsby

5:09pm-5:30pm Q&A

**5:30pm-7:00pm Welcome Reception- Exhibit Hall**

**Saturday, October 25, 2014**

**6:30am-6:00pm Registration**

7:00am-8:00am **Breakfast-Exhibit Hall**

8:00am **Scientific Session 4- Endourology & Minimally invasive Surgery**

 Israel Franco

 Craig Peters

8:00am 15. Robotic Versus Open Pediatric Ureteral Reimplantation - Costs and Complications from a National Sample

 **Presenter:** Michael Kurtz

8:05am 16. A Comparison of Complications of Robotic Assisted Laparoscopic versus Open Appendicovesicstomy in Children

 **Presenter:** Gwen Grimsby

8:10am 17. How to decide which infant can have robotic surgery? Just do the math.

 **Presenter:** Julia Finkelstein

8:15am MP11. Is peri-operative urethral catheter drainage enough? The case for stentless pediatric robotic pyeloplasty

 **Presenter:** Mark Silva

8:17am 18. Stone disease in obese children resembles the adult population based on a national multi-institutional cooperative assessment of 24-hour urine parameters

 **Presenter:** Gina Cambareri

8:22am 19. A novel nomogram for prediction of outcome of pediatric shock-wave lithotripsy

 **Presenter:** Sedar Tekgul

8:27am MP12. Pediatric calyceal diverticulum treatment: our experience with endoscopic and laparoscopic approaches

 **Presenter:** Christopher Long

8:29am-8:40am Q&A

8:40am **Panel Discussion: Transitional Care**

 Chair: Rosali Misseri

 Panelist: Göran Läckgren; Dan Wood

9:25am **AAP Latimer Lecture**

Saul Greenfield-“ The role of antibiotic prophylaxis with VUR – Results of the RIVUR Trial”

**10:25am BREAK**

10:40am **Scientific Session 5- Clinical Prize Finalists**

 Julian Wan

 John Pope

10:40am 20. Does channel type and stomal location affect long-term outcomes of catheterizable continent urinary channels?

 **Presenter:** Konrad Szymanski

10:46am 21. The Impact of the State of Hydration on the Degree of Hydronephrosis inChildren: Towards a Uniform Standard of Ultrasonographic Assessment

 **Presenter:** Joseph Gleason

10:52am 22. Prospective Pilot Study of Mirabegron in Pediatric Patients with Overactive Bladder

 **Presenter:** Anne-Sophie Blais

10:58am 23. Barriers to Use of Semen Analysis in the Adolescent Varicocele: Survey of Patient, Parental, and Practitioner Attitudes

 **Presenter:** Ronnie Fine

11:04am 24. Predictive value of specific ultrasound findings for vesicoureteral reflux on voiding cystourethrogram

 **Presenter:** Caleb Nelson

11:10am 25. Time to resolution of prenatal urinary tract dilation according to the severity of renal pelvis APD and SFU criteria: a prospective study

 **Presenter:** Luis Braga

11:16am. 26. The double zipper theory of male anterior urethra development visualized in three dimensions by optical projection tomography

 **Presenter:** Yi Li

11:22am MP13. Posterior urethral valves: metabolic consequences in a cohort of patients

 **Presenter:** Osama Sarhan

11:24am-11:40am Q&A

11:40am **AAP Medal Ceremony**

 Introduction: Edward Reda

 Recipient: Selwyn Levitt

**12:10pm Lunch On Own**

1:20pm **Scientific Session 6- Testis & Varicocele**

 Tom Kolon

 Julia Barthold

1:20pm 27. Laparoscopic orchidopexy with or without preservation of cremasteric vessels: can we reduce atrophy rates?

 **Presenter:** Luis Braga

1:25pm MP14. Effects on normalized testicular atrophy index (tain) in cryptorchid infants treated with GnRHa pre and post-operative VS surgery alone

 **Presenter:** Claudio Spinelli

1:27pm 28. Clinical Effectiveness of Orchidometry in Boys with Varicocele

 **Presenter:** Michael Kurtz

1:32pm MP15. Practice Patterns in the Surgical Approach for Adolescent Varicocelectomy

 **Presenter:** Miriam Harel

1:34pm MP16. Multicenter analysis of percutaneous embolization, laparoscopic and open varicocelectomy for adolescent patients

 **Presenter:** Robert Lurvey

1:36pm-1:45pm Q&A

1:45pm **SPU Lecture**

 “Sex and the Animals”

 Ron Magill

2:45pm **Scientific Session 7- Genital Reconstruction**

 Mark Zaontz

 Doug Coplen

2:45pm 29. Long-term outcomes of the Kropp and Salle urethral lengthening bladder neck reconstruction procedures

 **Presenter:** Konrad Szymanski

2:50pm 30. Attainment of volitional voiding - 15 years of the Kelly operation

 **Presenter:** Peter Cuckow

2:55pm 31. Female primary epispadias : Radical soft tissue mobilization (Kelly procedure) or perineal urethroplasty ?

 **Presenter:** Marc-David Leclair

3:00pm MP17. Successful pregnancy in patients with Epispadias-Exstrophy Complex

 **Presenter:** Geolani Dy

3:02pm MP18. Intraoperative MRI-Guided Navigation of the Pelvic Floor During Classic Bladder Exstrophy Closure - A Preliminary Report

 **Presenter:** Heather Di Carlo

3:04pm 32. Can we create a neopsphincter by crossing the rectus abdominis over a catheterizable channel? An urodynamic assessment

 **Presenter:** Átila Rondon

3:09pm 33. Hypospadias severity correlates directly with the use of agricultural herbicides and pesticides

 **Presenter:** Martin Kaefer

3:14pm 34. Management of Proximal Hypospadias with 2-Stage Repair: 20 Year Experience

 **Presenter:** Erin McNamara

3:19pm 35. Recalcitrant Urethral Strictures Following Hypospadias Repair : Presentation, Complications and Management at Time of Referral to a Transitional Urologist

 **Presenter:** Douglas Husmann

3:24pm MP19. Histologic Properties of Autologous Buccal Mucosal Vaginoplasty

 **Presenter:** Gwen Grimsby

3:26pm-3:45pm Q&A

**3:45pm BREAK**

4:00pm **Scientific Session 8- Basic Research Finalists**

 Richard Lee

 His-Yang Wy

4:00pm 36. Post-stress cyclosporine reduces social stress induced voiding dysfunction

 **Presenter:** Dana Weiss

4:06pm 37. Chronic Social Defeat, But Not Restraint Stress, Alters Bladder Function in Mice

 **Presenter:** Elizabeth Mann

4:12pm 38. Effect of Postnatal exposure to Bisphenol A and Diethylstilbestrol in inducing malformation of the external genitalia of male mice

 **Presenter:** Sisir Botta

4:18pm 39. Antitumor activity of a novel s1p2 antagonist, ab1, in neuroblastoma

 **Presenter:** Fernando Ferrer

4:24pm 40. Interferon-&#947; (IFN-&#947;) inhibition of human keratinocyte migration in vitro and pediatric-foreskin Langerhans Cell polarization of T-cells away from IFN-&#947; may influence wound healing

 **Presenter:** Aviva Berkowitz

4:26pm 41. Developmental Context has a Significant Impact on Disease Progression in the Obstructed Kidney and Potential Treatment Strategies

 **Presenter:** Julio Geminiani

4:30pm-4:45pm Q&A

4:45pm **Panel Discussion: Neurogenic Bladder**

 Chair: Elizabeth Yerkes

 Panelist: David Joseph; John Weiner

5:45pm **AAP Annual Business Meeting-AAP Members Only**

**6:00pm-7:30pm Gala Reception- Exhibit Hall**

**Sunday, October 26, 2014**

7:00am Breakfast

8:00am **Scientific Session 9-Neurogenic Bladder & Transitional Care**

 Stuart Bauer

 Mark Cain

8:00am 42. Renal function may continue to deteriorate with long-term follow-up after gastrocystoplasty

 **Presenter:** Tim Large

8:05am MP20. Urologic follow-up in adult spina bifida patients

 **Presenter:** Jon Duplisea

8:07am 43. Kidney Transplants and Neuropathic Bladder: Latest news from the last 20 years

 **Presenter:** Abigail Jones

8:12am MP21. Chronic Kidney Disease Stage Progression in patients undergoing repair of persistent cloaca

 **Presenter:** William DeFoor

8:14am 44. Upper Extremity Tendon Transfer with Secondary Mitrofanoff and Malone Procedure: A Pathway to Independence in the High Spinal Cord Injured Patient

 **Presenter:** Gregory Dean

8:19am MP22. 30-Day Morbidity After Augmentation Enterocystoplasty and Appendicovesicostomy: A NSQIPP Analysis

 **Presenter:** Erin McNamara

8:21am MP23. Anti-Inflammatory Self Assembling Nanomolecules Enhance Bladder Regeneration

 **Presenter:** Edward Diaz

8:23am-8:32am Q&A

8:32am **Prize Presentation: Best Clinical and Basic Science Research Papers**

8:37am **Scientific Session 10- Tumors, Transplantation & Stones**

 Eugene Minevich

 Fernando Ferrer

8:37am 45. Presentation and Outcomes of Renal Cell Carcinoma (RCC) in Children, Adolescents and Young Adults: a National Cancer Database Study

 **Presenter:** Ardavan Akhavan

8:42am 46. Pathologic Risk Factors In Pediatric And Adolescent Patients With Stage I Testicular Stromal Tumors

 **Presenter:** Kyle Rove

8:47am MP24. Evaluation of urinary tract stone chemical composition in vivo using dual-energy computerized tomography (CT)

 **Presenter:** Dmitry Shakhnovskiy

8:49am MP25. Spontaneous Pyelonephritis and Struvite Urolithiasis in the Megabladder Mouse Model

 **Presenter:** Ahmad Mohamed

8:51am 47. Prospective Evaluation of Urinary Metabolic Indices in Severely Obese Adolescents after Weight Loss Surgery

 **Presenter:** William DeFoor

8:56am MP26. Cystinuric Renal Stones Linked to Fibrosis: Proteomics Based Evidence

 **Presenter:** Larisa Kovacevic

8:58am 48. A National Multi-Institutional Cooperative on Urolithiasis in Children: Age is a significant predictor of urine abnormalities

 **Presenter:** Gina Cambareri

9:03am- 9:15am Q&A

9:15am **Panel Discussion: TBD**

 Chair: Amy Wisniewski

Panelists:

* + - * Dix Poppas – “Building a comprehensive care center for CAH”
			* Earl Cheng – “Pros and cons of offering a DSD clinic in conjunction with a gender dysphoria clinic”
			* Larry Baskin – “Endocrine disrupting chemicals and hypospadias”
			* Pramod Reddy- “Feasibility of fetal interventions and ethical concerns for DSD”

10:15am BREAK

10:30am **Scientific Session 11- UTI & LUT function**

 Stephane Bolduc

 Serdar Tekgul

10:30am 49. Harnessing Invariant Natural Killer T Cells as Novel Therapeutics for Urinary Tract Infections

 **Presenter:** Michael Hsieh

10:35am MP27. Modulation of vascular permeability by Sphingosine kinase 2 in a mouse model of renal injury

 **Presenter:** Fernando Ferrer

10:37am 50. Back to the future: Urethral over-dilatation in girls for refractory lower urinary tract dysfunction is effective by objective parameters

 **Presenter:** Artan Koni

10:42am 51. Number of sessions of parasacral TENS to complete resolution of overactive bladder in children. Does it matter?

 **Presenter:** Ubirajara Barroso

10:47am 52. Study for the Effects of Blocking Hypoxia Inducible Factors in the Pathogenesis Following Partial Bladder Outlet Obstruction

 **Presenter:** Nao Iguchi

10:52am MP28. Mucosal inflammation rapidly alters urothelial keratin 6 and 14 expression promoting a skin-like phenotype

 **Presenter:** Christina Ching

10:54am-11:05am Q&A

11:05am **Scientific Session 12- Socioeconomic & Public Health**

 Robert Defoor

 Vjaya Vemulakonda

11:05am 53. Hospital surgical volume and associated post-operative complications of pediatric urologic surgery in the United States

 **Presenter:** HsinHsiao Wang

11:10am 54. BMI and Pediatric Urologic Surgical Complications: Results from Pediatric NSQIP

 **Presenter:** Michael Kurtz

11:15am MP29. National Practice Patterns and Outcomes of Pediatric PartialNephrectomy: Comparison Between Urology and General Surgery

 **Presenter:** Kristina Suson

11:17am 55. Multi Institutional VCUG Height Comparison Study

 **Presenter:** Mohammad Ramadan

11:22am MP30. Hospital Admissions for Initial Febrile Urinary Tract Infection in the Era of Revised American Academy of Pediatrics UTI Guidelines: Do Patient Demographics Matter?

 **Presenter:** Angela Arlen

11:24am 56. Optimizing Value Utilizing Toyota Kata Methodology in a Multidisciplinary Clinic

 **Presenter:** Paul Merguerian

11:29am MP31 A Standardized Web-based Operating Room Module for Urological Procedures Improves Efficiency, Reduces Cost as a Platform for Continuous Process Improvement: A Pilot Study

 **Presenter:** Paul Merguerian

11:31am-11:45am Q&A

11:45am **Video Session**

 Stephen Canon

 Gino Vricella

11:45am V1 Robot-Assisted Laparoscopic Periureteral Diverticulectomy and Bilateral Ureteral Reimplantation

 **Presenter:** Angela Arlen

11:50am V2 A Robotic-Assisted Laparoscopic Approach for Distal Ureteral Surgery in Children

 **Presenter:** Rebecca Zee

11:55am V3 Carbon dioxide laser for detrusor tunnel creation in robot assisted laparoscopic extravesical reimplant

 **Presenter:** Edward Diaz

12:00pm V4 Robotic Partial Nephrectomy for an Endophytic Mass in an Adolescent Male

 **Presenter:** Laura Giusto

12:05pm V5 Robotic Appendicovesicostomy Revision

 **Presenter:** Paul Chung

12:10pm V6 Robotic Partial Nephrectomy for Cystic Partially Differentiated Nephroblastoma

 **Presenter:** Kristi Hebert

12:15pm V7 Retroperitoneoscopic assisted single-site pyeloplasty with EZ access in children

 **Presenter:** Yuichiro Yamazaki

12:20pm V8 Renal vein injury during Robotic Assisted Lap Pyeloplasty in a toddler and its management

 **Presenter:** V. Sripathi

12:25pm V9 Trocar-less laparoscopic inguinal hernia repair in females

 **Presenter:** Paul Bowlin

12:30pm V10 Total urogenital mobilization: a step-by-step illustration of the technique

 **Presenter:** Antonio Macedo

12:35pm-12:45pm Q&A

12:45pm Conference Concludes