This international joint meeting will feature overlapping sessions and parallel courses to allow attendees to choose from a variety of offerings. In addition to sessions held jointly, each society will also be conducting its own scientific and business programs focusing on their specific areas of interest, featuring panel discussions, guest lectures and research abstract presentations.

**PROGRAM SCHEDULE**

**FRIDAY, OCTOBER 10, 2008**

**Section on Urology Scientific Program**
**Pediatric Urology Nurse Specialists (PUNS)**
**H6004A**
**Hynes Convention Center**
**12:30 pm-5:30 pm**

12:30 pm    Business Meeting

12:45 pm    Opening remarks  
            *Eileen Gray, MSN, RN, Chair, PUNS*

1:00 pm    Radiology for Pediatric Urology  
            *Carol Barnewolt, MD, FAAP*

1:45 pm    Nightmares to Miracles – Female Epispadias  
            *Dalia M Spisak, MSN, RN, CPNP*

2:30 pm    Reversing the Growing phenomenon of Dysfunctional Elimination Syndrome in Schools  
            *Ann Marie Berger-Finley, MSN, FNP*  
            *Margaret Boyt, ARNP*

3:15 pm    Break

3:30 pm    Renal Calculi  
            *Natalie Plachter, RN*

4:15 pm    UDT/Orchidopexy: What Are The Long Term Fertility Issues?  
            *Michelle Sheel, RN, APN*

5:00 pm    Meet with the Faculty

5:30 pm    Adjourn

6:30 - 9:30 pm    Cocktail Reception Kick-off for the Joint Meeting - Top of the Hub
FRIDAY, OCTOBER 10, 2008

Section on Urology Scientific Program
International Children’s Continence Society & Society for Fetal Urology
H6004B
Hynes Convention Center
1:00 pm-5:45 pm

1:00 pm  Introduction and Welcome from the SFU and ICCS
Christopher S Cooper, MD, FAAP; C.K. Yeung, MD

1:15 pm  The Valve Bladder Syndrome and Adolescent Incontinence
Antoine E Khoury, MD, FAAP

SCIENTIFIC SESSION:  Perinatal Influences
Moderators:  Aseem Shukla, MD, FAAP; Paul F Austin, MD, FAAP

1)  1:35 pm  EVOLVING PATTERN OF BLADDER DYSFUNCTION IN BOYS WITH POSTERIOR URETHRAL VALVES.
Michal Maternik1, Piotr Czarnecki1, Magdalena Drozynska-Duklas1, Andrzej Golebiewski2 and Aleksandra Zurowska1
1Department Pediatric and Adolescent Nephrology and Hypertension, Medical University, Gdansk, Poland and 2Department of Pediatric Surgery and Urology, Medical University of Gdansk.

2)  1:41 pm  STABILISATION OF RENAL DETERIORATION CAUSED BY BLADDER VOLUME DEPENDANT OBSTRUCTION.
Dan N Wood, PhD, FRCS, Jemma M Hale and Christopher RJ Woodhouse
Department of Urology, University College Hospital, London, United Kingdom.

3)  1:47 pm  THE EXTERNAL URINARY SPHINCTER: COULD IT BE THE TRIGGER FOR BLADDER EXPANSION?
Alexandre Kokoua, MD1, Maurice Y. Gnagne, MD1, Mireille Tre-Yavo, MD2, Yves Homsy, MD, FRCSC, FAAP3
1Laboratory of Anatomy, University of Cocody, Abidjan, Cote d’Ivoire; 2Laboratory of Histology and Embryology, University of Cocody, Abidjan, Cote d’Ivoire and 3Children’s Urology Group, Departments of Surgery and Pediatrics, University of South Florida, Tampa, FL.

4)  1:53 pm  CHANGES IN THE DEVELOPING URETHRAL Rhabdosphincter in Humans: The Prefunctional and Functional Stages.
Alexandre Kokoua, MD1, Pierre Williot, MD, FRCSC2, Yves Homsy, MD, FRCSC3
1Laboratory of Anatomy, Department of Urology, University of Cocody, Abidjan, Ivory Coast; 2Department of Urology, University of Buffalo, State University of New York and 3Children’s Urology Group, Departments of Surgery and Pediatrics, University of South Florida, Tampa, FL.

5)  1:59 pm  PREPULSE INHIBITION OF STARTLE REFLEX IN RATS WITH REDUCED BLADDER CAPACITY VERSUS SHAM GROUP.
Mei Diao, PhD, B Med, Chung-Kwong Yeung, MD, MBBS, Yi-Min Shi, PhD, M MedSc, Biji Sreedhar, PhD, M Sci
The Chinese University of Hong Kong, Shatin, NT, Hong Kong SAR, China.

2:05 pm  Discussion

6)  2:15 pm  TBA
7) 2:23 pm  TBA
8) 2:31 pm  TBA
9) 2:39 pm  TBA
10) 2:47 pm  TBA
11) 2:54 pm  TBA

3:15 pm  Break, Poster Viewing

3:30 pm  Lecture: Stem Cell Research – State of the Art
George Daley, MD
Introduction by Paul F Austin, MD, FAAP

4:00 pm  Panel Discussion: “Applications for Stem Cell Therapy”
Moderator: George Daley, MD, PhD
Panelists: Embryonic Stem Cells – Carlos Estrada, MD, FAAP
Adipose Stem Cells – Larissa Rodriguez, MD
Amniotic Stem Cells – Anthony J Atala, MD, FAAP

5:00 pm  Anatomy and Development of the Bladder Neck and External Sphincter
Laurence Baskin, MD, FAAP
Introduction by Aseem Shukla, MD, FAAP

5:30 pm  Discussion

5:45 pm  Adjourn

6:30 - 9:30 pm  Cocktail Reception Kick-off for the Joint Meeting – Top of the Hub

SATURDAY, OCTOBER 11, 2008

Introduction and Welcome from the Section on Urology and ICCS
Linda D. Shortliffe, MD, FAAP; C K Yeung, MD

SCIENTIFIC SESSION: Functional Bladder Disturbances
Moderators: Jens Christian Djurhuus, MD, Dr. Med. Sci; Lane S Palmer, MD, FAAP

12) 7:45 am  DEVELOPMENT OF A SYMPTOM SCORE FOR DYSFUNCTIONAL ELIMINATION SYNDROME.
Kourosh Afshar, MD, FAAP, Andrew E MacNeily, and Amir Mirbagheri
Department of Urologic Sciences, University of British Columbia, Vancouver, BC, Canada.
### 13) 7:51 am

**INVESTIGATOR BIAS IN URODYNAMIC INVESTIGATIONS IN CHILDREN.**

*An M Bael, MD, PhD, Hildegard Lax, Herbert Hirche and Jan D van Gool*

1Department of Pediatrics, Pediatric Nephrology, University Hospital Antwerp, University of Antwerp, Antwerp (Edegem), Belgium and 2Institute of Medical Informatics, Biometry and Epidemiology, University of Essen-Duisburg, Essen, Germany.

### 14) 7:57 am

**MANAGEMENT OF CHILDREN WITH LUTS REQUIRES A SPECIFIC DIAGNOSIS.**

*Kenneth I Glassberg, MD, FAAP, Andrew J Combs and Mark Horowitz*

1Urology, Columbia University Medical Center – Morgan Stanley Children's Hospital, New York, NY and 2Urology, SUNY-Downstate Medical Center, Brooklyn, NY.

### 15) 8:03 am

**CORRELATION BETWEEN UROFLOWMETRY PARAMETERS AND TREATMENT OUTCOME IN CHILDREN WITH DYSFUNCTIONAL VOIDING.**

*Vesna Zivkovic, Milica Lazovic, Marina Vlajkovic, Andjelka Slavkovic and Lidija Dimitrijevic*

1Pediatric Rehabilitation, Clinic of Physical Medicine and Rehabilitation, Yugoslavia; 2Center for Nuclear Medicine, Clinical Centre of Nis and 3Urology Department, Clinic for Pediatric Surgery, Nis, Yugoslavia.

### 16) 8:09 am

**IS THERE AN ASSOCIATION BETWEEN ADULT INTERSTITIAL CYSTITIS AND CHILDHOOD URINARY DISORDERS?**

*Clinical Prize Finalist*

*Jonathan D Kaye, MD, Casey Seideman, Edan Y Shapiro, Robert M Moldwin and Lane S Palmer*

1Pediatric Urology, Schneider Children's Hospital of the North Shore-Long Island Jewish Health System and 2Urology, Arthur Smith Institute for Urology, Lake Success, NY.

### 17) 8:15 am

**SLEEP ARCHITECTURE AND CORTICAL AROUSAL IN RATS WITH REDUCED BLADDER CAPACITY VERSUS SHAM GROUP.**

*Mei Diao, PhD, B Med, Chung-Kwong Yeung, MD, MBBS, Yi-Min Shi, PhD, M MedSc, Biji Sreedhar, PhD, M Sci*

The Chinese University of Hong Kong, Shatin, NT, Hong Kong SAR, China.

8:21 am Discussion

8:33 am **Panel Discussion: Current Controversies in the Management of Bladder and Sphincter Dysfunction**

Moderators: CK Yeung, MD; Linda D. Shortliffe, MD, FAAP

Panelists:

- Novel Urotherapy Strategies – Janet Chase, DPhys, PGCPhtys
- An Uncommon Solution to Common Voiding Problems: Which and How – Mario DeGennaro, MD
- New Concepts in the Etiology of LUT Symptoms – Israel Franco, MD, FAAP

9:18 am **AUA Guest Lecture**

Applications of Hypnosis in the Pediatric Urology Office and Hospital Environment

*Karen Olness, MD, FAAP*

Introduction by Yves L Homsy, MD, FAAP

9:45 am Discussion

9:55 am Break, Poster Viewing

**SCIENTIFIC SESSION:**

**Neurogenic Bladder Disturbances**

Moderators: Stuart Bauer, MD, FAAP; Earl Cheng, MD, FAAP
18) 10:10 am  **HEALTH RELATED QUALITY OF LIFE IN SPINA BIFIDA PATIENTS: A PROSPECTIVE ASSESSMENT BEFORE AND AFTER LOWER URINARY TRACT RECONSTRUCTION.**  
*Clinical Prize Finalist*  
Andrew E MacNeill, MD, FRCSC, FAAP, Siavash Jafari, Heidi Scott, Amanda Dalgetty and Kourosh Afshar  
Pediatric Urology, University of British Columbia, Vancouver, BC, Canada.

19) 10:16 am  **SEXUALITY IN YOUNG ADULTS WITH SPINA BIFIDA.**  
Claudia Gatti, MD, Carmine del Rossi¹, Adriano Ferrari², Giovanni Casadio¹ and Emilio Casolari²  
¹Pediatric Surgery Unit, Ospedale Maggiore, Parma, Italy and ²Spina Bifida Unit, Ospedale Maggiore, Parma, Italy

20) 10:22 am  **BLADDER NECK CLOSURE IN CHILDREN: A DECADE LATER.**  
Ezekiel H Landau, MD, FAAP¹, Ofer N Gofrit², Ofer Z Shenfeld², Duvdevani Mordechai², Pode Dov² and Katz Ran²  
¹Pediatric Urology Unit, Hadassah Hebrew University Medical Center, Jerusalem, Israel and ²Urology, Hadassah Hebrew University Medical Center, Jerusalem, Israel.

21) 10:28 am  **COMPLICATIONS OF COMPLEX LOWER URINARY TRACT (LUT) RECONSTRUCTION IN PATIENTS WITH NEUROGENIC VS. NON-NEUROGENIC BLADDERS: IS THERE A DIFFERENCE?**  
Thomas E Novak, MD, Amirali H Salmasi, Ranjiv I Mathews, Yegappan Lakshmanan and John P Gearhart  
Brady Urological Institute, Johns Hopkins Medical Institutions, Baltimore, MD.

22) 10:34 am  **THE SHORT-TERM EFFECT OF INTENSIVE BIOFEEDBACK ON CHILDREN WITH URINARY INCONTINENCE DUE TO NEUROPATHIC ACONTRACTILE DETRUSOR AND SPHINCTER.**  
Wen Jian-guo, Li Zhen-zhen, Zhang Hong, Zhang Guo-xian, Wang Yan, Wang Qing-wei  
The Pediatric Urodynamic Center; Pediatric Surgery of First Affiliated Hospital of Zhengzhou University; The Institute of Clinical Medicine Universities, Zhengzhou City, Henan Province, China.

23) 10:40 am  **LOW-DOSE CHEMOPROPHYLAXIS AND PREVENTION OF URINARY TRACT INFECTIONS IN CHILDREN WITH MENINGOMYELOCELE AND CLEAN INTERMITTENT CATHETERISATION.**  
Bas Zegers, DR¹, Teau de Jong², Pauline Winkler³, Jan Kimpen³, Tom de Jong³ and Cuno Uiterwaal³  
¹Pediatrics, Máxima Medical Center, Veldhoven, The Netherlands; ²Pediatrics, UMC Utrecht, Utrecht, Netherlands and ³Julius Ceber for Epidemiology, UMC UTrech, Utrecht, The Netherlands.

10:46 am  Discussion

10:58 am  **Panel Discussion: Alternative Treatment Options for the Neurogenic Bladder**  
Moderator: John Pope, MD, FAAP  
Panelists:  
Neurmodulation Therapies – William E Kaplan, MD, FAAP  
Avoiding Augmentation When Performing Outlet Procedures – Warren Snodgrass, MD, FAAP  
Botulinum Toxin for Detrusor Dysfunction – Piet B Hoebeke, MD, PhD
11:43 am  *Kelm Hjalmas ICCS Memorial Lecture*
Lower Urinary Tract Refunctionalization by Somatic/Autonomic Nerve Root Transposition in Children with Spinal Cord Abnormalities
Guest Lecturer: *Chuan-Guo Xiao, MD*
Introduction by *C K Yeung, MD*

12:13 pm  Discussion

12:23 pm  Adjourn for lunch

**SATURDAY, OCTOBER 11, 2008**

**Section on Urology Scientific Program**
**AAP Section on Urology**
**Hynes Convention Center**
**1:30 pm-5:15 pm**

**SCIENTIFIC SESSION:**  Clinical Prize Finalists
Moderators: *Michael Ritchey, MD, FAAP; Anthony Casale, MD, FAAP*

24)  1:30 pm  **GENETIC DETERMINANTS OF VESICOURETERAL REFLUX.**
¹Pediatric Nephrology, Mount Sinai School of Medicine, New York, NY; ²Nephrology, Columbia University, New York, NY; ³Urology, NYU School of Medicine, New York, NY; ⁴Pediatrics, Columbia University, New York, NY; ⁵Lab on Pathophysiology of Uremia, G Gaslini Institute, Genoa, Italy; ⁶Nephrology, University and Spedali Civili, Brescia, Italy; ⁷Lab of Molecular Genetics, G Gaslini Institute, Genoa, Italy and ⁸Urology, Columbia University, New York, NY.

25)  1:36 pm  **FACTORS PREDICTING EARLY RECURRENT URINARY TRACT INFECTION IN PRE-TOILET TRAINED CHILDREN WITH VESICOURETERAL REFLUX: MULTIVARIATE ANALYSIS.**
*Yuichiro Yamazaki, MD*¹, *Yoshiyuki Shiroyamagi, Daisuke Matsuno and Morihiro Nishi*
Urology, Kanagawa Children's Medical Center, Yokohama, Kanagawa, Japan.

26)  1:42 pm  **PROGRESSION TO END-STAGE RENAL DISEASE IN CHILDREN WITH VESICOURETERIC REFLUX (VUR): INSIGHTS FROM AN ANALYSIS OF THE NORTH AMERICAN PEDIATRIC RENAL TRIALS COLLABORATIVE STUDIES (NAPRTCS) DATABASE.**
*Thomas E Novak, MD*¹, *Alicia Neu*², *Barbara Fivush*², *Karen Martz*³, *Don Stablein*³ and *Ranjiv I Mathews*³
¹Brady Urological Institute, Johns Hopkins Medical Institutions, Baltimore, MD; ²Pediatric Nephrology, Johns Hopkins Medical Institutions, Baltimore, MD and ³EMMES Corporation, Rockville, MD.

27)  1:48 pm  **BLADDER NECK RECONSTRUCTION AFTER SUCCESSFUL COMPLETE PRIMARY REPAIR OF EXSTROPHY IN THE NEWBORN.**
*Todd Purves, MD, PhD, Thomas Novak, Jeremy King and John P Gearhart*
Urology, Johns Hopkins Medical Institutions, Baltimore, MD.
SHOULD PROGRESSIVE PERINEAL DILATION BE CONSIDERED FIRST LINE THERAPY IN CASES OF VAGINAL AGENESIS?
Patricio C Gargollo, MD\textsuperscript{1}, Glenn M Cannon, Jr. \textsuperscript{1}, David A Diamond\textsuperscript{1}, Phaedra Thomas\textsuperscript{2}, Vicki Burke\textsuperscript{2} and Marc R Laufer\textsuperscript{2}
\textsuperscript{1}Department of Urology, Children's Hospital Boston, Boston, MA and \textsuperscript{2}Department of Gynecology, Children's Hospital Boston, Boston, MA

2:00 pm Discussion

SCIENTIFIC SESSION: Basic Science Prize Finalists
Moderators: Thomas Kolon, MD, FAAP; Darius Bagli, MD, FAAP

29) 2:13 pm GENOME-WIDE SNP LINKAGE ANALYSIS OF 100 FAMILIES SUGGESTS THE PRESENCE OF FAMILIAL VESICOURETERAL REFLUX SUSCEPTIBILITY LOCI ON CHROMOSOME 5.
Hiep T Nguyen, MD, FAAP, Christine Briggs, Chao–Yu Guo, Cynthia L Schoettler, Ilina Rosoklija, Stuart B Bauer, Louis Kunkel and Alan B Retik
Urology and Genetics, Children's Hospital Boston, Harvard Medical School, Boston, MA.

30) 2:19 pm SOCIOBIOLOGY – SOCIAL STRESS INDUCED DYSFUNCTIONAL VOIDING LEADS TO MURINE BLADDER WALL HYPERTROPHY.
Stephen A Zderic, MD, Stephan Butler, Andy Y Chang, Joanna Sliwoski, Douglas A Canning and Rita J Valentino
Urology, Children's Hospital of Philadelphia, Philadelphia, PA.

31) 2:25 pm VASCULAR ENDOTHELIAL GROWTH FACTOR FORTIFIED NATURAL SCAFFOLDS REGULATE INNATE IMMUNE RESPONSE AND FIBROSIS THROUGH TOLL LIKE RECEPTORS AND INCREASE TRANSFORMING GROWTH FACTOR β-1 EXPRESSION UPON IMPLANTATION.
Katherine Moore, MD\textsuperscript{1}, Sevan Evren\textsuperscript{2}, Herman Yeger\textsuperscript{3}, Jennifer Haig\textsuperscript{2}, Roula Antoon\textsuperscript{2}, Reginald Gorczynski\textsuperscript{3} and Walid Farhat\textsuperscript{1}
\textsuperscript{1}Department of Surgery, Division of Urology, The Hospital for Sick Children, Toronto, ON, Canada; \textsuperscript{2}Department of Developmental and Stem Cell Biology, The Hospital for Sick Children and \textsuperscript{3}Department of Immunology, University of Toronto, Toronto, ON, Canada.

32) 2:31 pm GENTIAL TUBERCLE GROWTH AND PATTERNING IS SPECIFIED BY Eya1 TRANSCRIPTION FACTOR IN CONJUNCTION WITH FIBROBLAST GROWTH FACTOR 8 AND SONIC HEDGEHOG.
Patricio C Gargollo, MD, Chaoshe Guo and Sean X Li
Department of Urology, Children’s Hospital Boston, Boston, MA.

33) 2:37 pm UROPLAKIN mRNA IS NOT UROTHELIUM SPECIFIC AND CAN BE MANIPULATED BY HEDGEHOG INHIBITION IN AN EMBRYONIC ORGAN CULTURE SYSTEM.
Patricio C Gargollo, MD, Chaoshe Guo and Sean X Li
Department of Urology, Children’s Hospital Boston, Boston, MA.

2:43 pm Discussion

SCIENTIFIC SESSION: Kidney
Moderators: Ross Decter, MD, FAAP; Hiep Nguyen, MD, FAAP
34) 2:53 pm  DOES RENAL FUNCTION REMAIN STABLE AFTER PUBERTY IN CHILDREN WITH ANTENATAL HYDRONEPHROSIS WHO SHOWED IMPROVEMENT IN RENAL FUNCTION FOLLOWING PYELOPLASTY?
Avner Polrack, MD, Dmitry Koulikov, Ofer Z Shenfeld, Amicur Farkas and Boris Chertin
Pediatric Urology Unit, Shaare Zedek Medical Center, Jerusalem, Israel.

35) 2:59 pm  RENAL ULTRASOUND IS SUFFICIENT FOR THE FOLLOW-UP OF DISMEMBERED PYELOPLASTY IN CHILDREN.
Nicholas G Cost, MD, Juan C Prieto, Warren T Snodgrass and Duncan T Wilcox
Department of Urology, University of Texas – Southwestern Medical Center and Children's Medical Center, Dallas, TX.

36) 3:05 pm  FETAL PYELECTASIS AS PREDICTOR OF DIFFERENTIAL FUNCTION IN THE NEWBORN.
Dae Y Kim, MD, Jennie J Mickelson, Brian T Helfand, Max Maizels, William E Kaplan and Elizabeth B Yerkes
Pediatric Urology– Children's Memorial Hospital, Northwestern University, Chicago, IL.

37) 3:11 pm  DO RENAL SCARS ON DMSA SCAN PREDICT ABNORMALITIES IN RENAL FUNCTION?
Ming–Hsien Wang, MD, Adam Hittelman, Michael DiSandro and Laurence Baskin
Urology, UCSF Children's Hospital, San Francisco, CA.

38) 3:17 pm  Poster 4
ATORVASTATIN AMELIORATES TUBULOINTERSTITIAL FIBROSIS AND PROTECTS RENAL FUNCTION IN CHRONIC PARTIAL URETERAL OBSTRUCTION.
John P Fitzgerald, MD, SY Chou, Israel Franco, Unni MM Mooppan, Hong Kim, Rajiv Saini and Frederick A Gulmi
1Urology, Brookdale University Hospital, Brooklyn, NY and 2Pediatric Urology, Westchester County Medical Center, Valhalla, NY.

3:20 pm  Discussion

3:30 pm  Break, Poster Viewing

3:45 pm  Combined Pediatric Surgery / Urology Symposium:

Challenges in the Current Management of Disorders of Sex Development
Moderators: Bradley P Kropp, MD, FAAP and Patricia Donahoe, MD, FAAP
Panelists: New Classification of DSD – Peter Lee, MD, FAAP
Controversies in Gender Identification – William G Reiner, MD, FAAP
Anatomical Concerns in Reconstruction – Laurence S Baskin, MD, FAAP
Male Surgical Reconstruction – Rafael Pieretti, MD
Female Surgical Reconstruction – Richard Rink, MD, FAAP

5:15 pm  Adjourn

7:00 pm  Pediatric Urology Banquet
Odyssey Boat Cruise
Tickets required

SATURDAY, OCTOBER 11, 2008

Section on Urology Scientific Program
International Children’s Continence Society & Pediatric Urology Nurse Specialists
1:25 pm  Opening remarks from the ICBS and PUNS  
C K Yeung, MD; Eileen Gray, MSN, RN

1:30 pm  Panel Discussion: Dysfunctional Bowel Elimination  
Moderator: Yves Homsy, MD, FAAP; Pamela Kelly, RN  
Panelists: Understanding the Physiology of Bowel Transit in Children –  
Charlotte Siggaard, MD, PhD  
Elimination Disorders: Why and How they are Related – Stephen Koff, MD, FAAP  
Spotting and Effectively Managing the Constipated Child –  
Vera Loening-Baucke, MD, FAAP

SCIENTIFIC SESSION:  Elimination Dysfunction I  
Moderators: Christopher Cooper, MD, FAAP; Rosemary Grant, RN

39) 2:30 pm  24 HOUR RECTAL MANOMETRIC RECORDING: NEW INSIGHTS INTO RECTAL MOTILITY PATTERNS IN CHILDREN.  
Moeller Joensson, MD  
Department of Pediatrics Aarhus University Hospital, Skejby Aarhus, Denmark.

40) 2:36 pm  NEW INSIGHTS INTO BOWEL HABITS FROM BOWEL DIARIES IN CONSTIPATED AND HEALTHY CHILDREN: A PROSPECTIVE STUDY.  
Iben M Joensson1, Charlotte Siggaard2, Soren Hagstroem2, Soren Rittig1 and Jens Christian Djurhuus2  
1Department of Pediatrics, Aarhus University Hospital, Skejby, Aarhus, Denmark and 2Institute of Clinical Medicine, Aarhus University Hospital, Skejby, Aarhus, Denmark.

41) 2:42 pm  SIGNIFICANT VARIABILITY IN POST–VOID RESIDUAL URINE OF HEALTHY PRESCHOOL CHILDREN.  
Stephen SD Yang and Shang—Jen Chang  
Division of Urology, Buddhist Tzu Chi General Hospital, Taipei Branch, Taipei, Taiwan.

42) 2:48 pm  INTRACTABLE VOIDING DYSFUNCTION IN CHILDREN WITH NORMAL SPINAL IMAGING: PREDICTORS OF FAILED CONSERVATIVE MANAGEMENT.  
Jonathan J Stone1, Curtis J Rozzelle1 and Saul P Greenfield2  
1Department of Pediatric Neurosurgery, State University of New York at Buffalo, School of Medicine & Biomedical Sciences, Women and Children's Hospital of Buffalo, Buffalo, NY and 2Department of Pediatric Urology, State University of New York at Buffalo, School of Medicine & Biomedical Sciences, Women and Children's Hospital of Buffalo, Buffalo, NY.

2:54 pm  Discussion

43) 3:00 pm  TRANSCUTANEOUS ELECTRICAL STIMULATION IN THE TREATMENT OF SLOW TRANSIT CONSTIPATION IN CHILDREN – A RANDOMISED PLACEBO-CONTROLLED TRIAL.  
Janet W Chase, Dphysio,PGCPhysio1, Melanie C Clarke1, Susie M Gibb1,3, John M Hutson1,2,3, Anthony G Catto–Smith1,3, Valma J Robertson4 and Bridget R Southwell1  
1Department of Surgical Research, Murdoch Children's Research Institute, Melbourne, Victoria, Australia; 2Department of General Surgery, Royal Children's Hospital, Melbourne, Victoria,
Australia; 3Department of Paediatrics, University of Melbourne, Melbourne, Victoria, Australia and 4Teaching & Research Unit, University of Newcastle, Gosford, New South Wales, Australia.

44) 3:06 pm  CAN SCHOOL INDIVIDUAL HEALTH PLANS HELP INCREASE CONTINENCE IN CHILDREN WITH DYSFUNCTIONAL ELIMINATION SYNDROME?
Anne L Boisclair—Fahey, DNP, RN, CPNP
Department of Urologic Surgery, University of Minnesota, Minneapolis, MN.

45) 3:12 pm  DEVELOPING NURSE COMPETENCIES FOR PAEDIATRIC CONTINENCE CARE.
June Rogers MBE RN, RSCN, BA(Hons), MSC and Sue Thomas
1PromoCon, Disabled Living, Manchester, Greater Manchester, United Kingdom and 2Royal College of Nursing, London, United Kingdom.

46) 3:18 pm  MULTIDISCIPLINARY TREATMENT OF DAYTIME INCONTINENCE IN A GENERAL HOSPITAL: SHORT AND LONG TERM FOLLOW-UP.
M Koppejan-Stapel, R Dellink-Vlietstra, J van der Deur
Deventer Ziekenhuis, Deventer, The Netherlands.

3:24 pm  Discussion
3:30 pm  Break, Poster Viewing

SCIENTIFIC SESSION:  Elimination Dysfunction II
Moderators: Carla Garwood, RN

47) 3:45 pm  UTILIZATION OF ONLINE TRAINING TOOL IN MANAGEMENT OF VOIDING DYSFUNCTION.
Jaspreet S Joneja, Steve J Hodges, MD, and Anthony Atala
Urology, Wake Forest University Health Sciences, Winston Salem, NC.

48) 3:51 pm  IMPROVING COMMUNICATION WITH THE CHILD.
June Rogers MBE, RN, RSCN, BA(Hons), MSC

49) 3:57 pm  MEASURING IMPROVEMENT IN LOWER URINARY TRACT SYMPTOMATOLOGY.
Michael C Carr, MD, PhD1,2, Aileen P Schast1, Meg Richter1, Amanda Berry1 and Stephen A Zderic1,2
1Division of Urology, The Children's Hospital of Philadelphia, Philadelphia, PA and 2Division of Urology, University of Pennsylvania School of Medicine, Philadelphia, PA.

50) 4:03 pm  CENTRAL NERVOUS SYSTEM PROCESSING OF EMOTIONS IN CHILDREN WITH ENCOPRESIS.
Alexander KP von Gontard, MD, Anna Schneider, Diana El Khatib and Matthias Rubly
Department of Child and Adolescent Psychiatry, Saarland University Hospital, Homburg, Germany

51) 4:09 pm  ASSOCIATION OF ATTENTION DEFICIT AND ELIMINATION DISORDERS AT SCHOOL ENTRY – AN EPIDEMIOLOGICAL STUDY.
Alexander KP von Gontard, MD1, Anne M Moritz2 and Freitag M Christine3
1Department of Child and Adolescent Psychiatry, Saarland University Hospital, Homburg, Germany.

4:13 pm  Discussion
SUNDAY, OCTOBER 12, 2008

Section on Urology Scientific Program
AAP Section on Urology
H2005A
Hynes Convention Center
7:30 am-5:15 pm

7:30 am  Masters Class: Complex Reconstruction: Tricks of the Trade
          Moderator: Joseph G Borer, MD, FAAP
          Panelists: Two Stage Buccal Mucosa Urethroplasty – Leonard N Zinman, MD
                     Artificial Urinary Sphincter with or without Bladder Augmentation – Ricardo Gonzalez, MD, FAAP
                     Repair of Cloacal Malformation – Curtis A Sheldon, MD, FAAP
                     Hospital for Sick Children’s Approach to Bladder Exstrophy – Joao L Pippi Salle, MD, FAAP

SCIENTIFIC SESSION:  Bladder Exstrophy I
Moderators: Martin Koyle, MD, FAAP; Mark Adams, MD, FAAP

52) 8:30 am  DOES BILATERAL URETERAL REIMPLANTATION AT THE TIME OF PRIMARY BLADDER EXSTROPHY CLOSURE (CPRE-BUR) PROTECT THE UPPER TRACTS?
           Luis H Braga, MD, Armando J Lorenzo, Darius J Bagli, Antoine E Khoury and Joao L Pippi Salle
           Urology, The Hospital for Sick Children, Toronto, ON, Canada.

53) 8:36 am  A LONG-TERM FOLLOW-UP STUDY (38-69 YEARS) OF PATIENTS WITH BLADDER EXSTROPHY TREATED BY URETEROSIGMOIDOSTOMY IN EARLY CHILDHOOD.
           Rita M Gobet1, Daniel M Weber2, Christian J Kellenberger2, Ines Raabe3, Stefan Dierauer3 and Joachim Fischer4
           1Urology, University Children's Hospital, Zurich, Switzerland; 2Diagnostic Imaging, University Children's Hospital, Zurich, Switzerland; 3Orthopaedic Surgery, University Children's Hospital, Zurich, Switzerland and 4Psychology/Psychiatry, University Children's Hospital, Zurich, Switzerland.

54) 8:42 am  THE KELLY TECHNIQUE OF BLADDER EXSTROPHY REPAIR: CONTINENCE, COSMESIS AND PELVIC ORGAN PROLAPSE OUTCOMES.
           Andrew C Jarzebowski1, Neil D McMullin2, Sonia R Grover5, Bridget R Southwell3 and John M Hutson3,4
           1School of Medicine, University of Melbourne, Melbourne, Victoria, Australia; 2Department of Urology, Royal Children's Hospital, Melbourne, Victoria, Australia; 3Department of Surgical Research, Murdoch Children's Research Institute, Melbourne, Victoria, Australia; 4Department of Paediatrics, University of Melbourne, Melbourne, Victoria, Australia and 5Department of Paediatric and Adolescent Gynaecology, Royal Children's Hospital, Melbourne, Victoria, Australia.

55) 8:48 am  DELAYED EXSTROPHY CLOSURE: MANAGEMENT AND OUTCOME.
           Yegappan Lakshmanan, MD, Thomas E Novak, Ryan Orosco, John P Costello and John P Gearhart
           Brady Urologic Institute, Johns Hopkins Medical Institutions, Baltimore, MD.

56) 8:54 am  THE USE OF ALLODERM AS AN ADJUNCT IN THE CLOSURE OF THE BLADDER-CLOACAL EXSTROPHY COMPLEX.
           C Gerry Henderson, MD, Amanda C North and John P Gearhart
57) 9:00 am  **FAILED EXSTROPHY CLOSURE: MANAGEMENT AND OUTCOME.**  
*Thomas E Novak, MD, John P Costello, Ryan Orosco and John P Gearhart*  
Brady Urological Institute, Johns Hopkins Medical Institutions, Baltimore, MD.

9:06 am  **Discussion**

**SCIENTIFIC SESSION:**  **Reflux I**  
**Moderators:** Julian Wan, MD, FAAP; Andrew Kirsch, MD, FAAP

58) 9:19 am  **IMPROVEMENT IN THE GRADE OF VESICOURETERAL REFLUX ON SERIAL VCUG/RNC PREDICTS RESOLUTION: A LONGITUDINAL STUDY OF 1761 CHILDREN WITH VUR.**  
*Glenn M Cannon, Jr., MD, Aryton A Aranha, Carlo C Passerotti, Andres Silva, Alan B Retik and Hiep T Nguyen*  
Urology, Children's Hospital Boston, Boston, MA.

59) 9:25 am  **FACTORIAL ANALYSIS OF VESICOURETERAL REFLUX RESOLUTION PARAMETERS.**  
*Ayrton A Aranha, MD, Marc Cendron and Hiep T Nguyen*  
Urology, Children's Hospital Boston, Boston, MA.

60) 9:31 am  **HYDRONEPHROSIS FOLLOWING URETERAL REIMPLANTATION: WHEN IS IT A SIGN OF OBSTRUCTION?**  
*Andres C Silva, MD, Carlo C Passerotti, Pedro S Rebacal, Alan B Retik and Hiep T Nguyen*  
Department of Urology, Children's Hospital Boston, Harvard Medical School, Boston, MA.

61) 9:37 am  **FAMILIAL VESICOURETERAL REFLUX: IS SCREENING BENEFICIAL?**  
*Maria Menezes, MD, and Prem Puri*  
¹National Children's Hospital, Dublin, Ireland and ²Children's Research Centre, Our Lady's Children's Hospital, Dublin, Ireland.

62) 9:43 am  **LINKAGE ANALYSIS OF CANDIDATE GENES IN FAMILIES WITH VESICOURETERAL REFLUX.**  
*Prem Puri¹, Helena Kelly², David Barton² and Cliona Molony³*  
¹Children's Research Centre, Our Lady's Children's Hospital, Dublin, Ireland; ²National Centre for Genetics, University College Dublin, Our Lady's Children's Hospital, Dublin, Ireland and ³Rosetta Inpharmatics, Seattle, WA.

9:49 am  **Discussion**

10:00 am  **Break, Poster Viewing**

**SCIENTIFIC SESSION:**  **Hypospadias**  
**Moderators:** H. Gil Rushton, MD, FAAP; Ranjiv Matthews, MD, FAAP

63) 10:15 am  **RISK FACTORS FOR FISTULA FORMATION (FF) AFTER TIP REPAIR: SINGLE CENTER MULTIVARIABLE ANALYSIS OF 601 DISTAL HYPOSPADIAS.**
SNOGDGRASS URETHROPLASTY: GRAFTING THE INCISED PLATE. TEN YEARS LATER.
Fabio Ferro, MD1, Santiago Vallasciani1, Alessandro Borsellino1, Pietro Atzori1 and Luisa Martini2
1Andrological and Gynecological Surgery Unit, Bambino Gesù Children's Hospital, Rome, Italy and 2Anesthesiology Service, Bambino Gesù Children's Hospital, Rome, Italy.

LONG TERM FOLLOW UP INTO ADULTHOOD OF BOYS OPERATED FOR HYPOSPADIAS. A STUDY INTO FUNCTIONAL AND COSMETIC RESULTS.
Tom P de Jong, MD, PhD, FEAPU, Sybren P Rynja2, Gerlof A Wouters2, Maaike van Schaijk1, Esther T Kok2 and Laetitia M de Kort2
1Pediatric Urology, University Medical Center Utrecht, Utrecht, The Netherlands; 2Urology, University Medical Center Utrecht, Utrecht, Netherlands.

MANAGING VENTRAL CURVATURE WHILE PRESERVING THE URETHRAL PLATE IN PROXIMAL HYPOSPADIAS REPAIR.
Warren T Snodgrass, MD and Juan C Prieto
Urology, University of Texas Southwestern Medical Center, Dallas, TX.

Discussion

SCIENTIFIC SESSION: Penis
Moderators: Mark Zaontz, MD, FAAP; Katsuhik Ueoka, MD, FAAP

HIGH SUCCESS RATE WITH TOPICAL TRIAMCINOLONE FOR PERSISTENT PHIMOSIS: A DOUBLE-BLIND RANDOMIZED PLACEBO CONTROLLED LONG TERM STUDY.
Julien Letendre, MD, Diego Barrieras, Julie Franc–Guimond, Ala Abdo and Anne–Marie Houle
Urology Division, Department of Surgery, CHU Sainte–Justine, Montreal, QC, Canada.

SURGERY FOR BULBOUS URETHRAL STRICTURES IN BOYS – WHAT IS THE OPTIMAL SURGICAL STRATEGY?
David A Diamond, MD, Jiang Xuewu, Stuart B Bauer, Bartley G Cilento, Jr., Joseph G Borer, Hiep Nguyen, Marc Cendron, Iliana Rosoklija and Alan B Retik
Urology, Children's Hospital Boston, Boston, MA.

URETHRAL HYPOPLASIA IN THE ABSENCE OF HYPOSPADIAS: A 20-YEAR, MULTI-INSTITUTIONAL EXPERIENCE.
Jonathan D Kaye, MD1, Lori L Dyer1, Abdulwahab El–Kassabay2 and Moneer K Hanna3
1Urology, Schneider Children's Hospital, North Shore-Long Island Jewish Health System, New Hyde Park, NY; 2Urology, Ain-Shams University Hospital, Cairo, Egypt and 3Urology, Weill Cornell Medical Center, New York, NY.

TIMING OF ANDROGEN ADMINISTRATION HAS DIFFERENT EFFECTS ON FERTILITY AS WELL AS PENILE SIZE IN NORMAL MALE RATS.
Hyeyoung Lee, MD, Mae Hwa Jin, Hyo Jin Kang, Chang Hee Hong and Sang Won Han
Department of Urology, Yonsei University College of Medicine, Seoul, Korea.
11:08 am  Discussion

11:15 am  AAP Lattimer Lecture
Introduction: Linda D Shortliffe, MD, FAAP
Lecturer: Anna Deveare Smith, Actress and playwright
“Let Me Down Easy,” An homage to health and the human body

12:00 pm  Presentation of Pediatric Urology Medal
Recipient: Michael E Mitchell, MD FAAP

12:15 pm  Lunch Break

SCIENTIFIC SESSION:  Testis
Moderators: Steven Docimo, MD, FAAP; Julia Barthold, MD, FAAP

71) 1:30 pm  TWO-STAGE FOWLER-STEPHENS ORCHIDOPEXY FOR INTRA-ABDOMINAL TESTICLE: A 25-YEAR SINGLE INSTITUTION EXPERIENCE.
Emilie K Johnson, MD, Diana K Bowen, David A Bloom, Julian H Wan and John M Park
Department of Urology, University of Michigan, Ann Arbor, MI.

72) 1:36 pm  ORCHIDOPEXY FOR INTRAABDOMINAL TESTES: FACTORS PREDICTING SUCCESS.
Andrew A Stec, MD, Stacy T Tanaka, Mark C Adams, John C Pope IV, John C Thomas and John W Brock III
Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN.

73) 1:42 pm  RISK FACTORS FOR CRYPTORCHIDISM.
Wout FJ Feitz, PhD¹, Marijn Brouwers², Robert PE de Gier¹, Gerhard A Zielhuis² and Nel Roeleveld²
¹Pediatric Urology Centre, Radboud University Nijmegen Medical Centre, Nijmegen, Netherlands and ²Epidemiology, Biostatistics, and Health Technology Assessment, Radboud University Nijmegen Medical Centre, Nijmegen, Netherlands

74) 1:48 pm  IMPROVING THE DIAGNOSTIC ACCURACY OF TESTICULAR TORSION BY UROLOGY RESIDENTS: LOGISTIC REGRESSION ANALYSIS OF HISTORY AND PHYSICAL EXAMINATION PARAMETERS.
Arun Srinivasin, MD, Nadya Cinman, Kevin M Feber, Jordan Gitlin and Lane S Palmer
Pediatric Urology, Schneider Children's Hospital of the North Shore-Long Island Jewish Health System, New Hyde Park, NY

75) 1:54 pm  CORRELATION OF SEMEN ANALYSIS WITH ALTERATIONS OF CgRP, INSL3, AND HOXD13 GENES IN CRYPTORCHIDISM.
Thomas F Kolon, MD, Pasquale Casale, Stephen A Zderic, Michael C Carr and Howard M Snyder
Division of Urology, Children's Hospital of Philadelphia, University of Pennsylvania School of Medicine, Philadelphia, PA.

1:57 pm  Discussion

SCIENTIFIC SESSION:  Bladder Exstrophy II
Moderators: John Gearhart, MD, FAAP; Henri Lottmann, MD
76) 2:07 pm MANAGEMENT AND OUTCOMES OF HYPOSPADIAS AFTER CPRE.
Margaret Shnorhavorian, MD,MPH1, Richard W Grady1, Amy Anderson1, Byron D Joyner1 and Michael E Mitchell2
1Urology, Seattle Children's Hospital, Seattle, WA, and 2Urology, Children's Hospital Wisconsin, Milwaukee, WI

77) 2:13 pm FEMALE EPISPADIAS MANAGEMENT: PERINEAL URETHRO-CERVICOPLASTY VERSUS CLASSICAL YOUNG-DEES PROCEDURE.
Yves Aigrain, MD,PhD1,2, Alaa Cheikhelard1, Rachid Bahi1, Henri Lottmann1 and Stephen Lortat−Jacob1
1Pediatric Urology, APHP Hôpital Necker-Enfants Malades, Paris, France and 2Université Paris Descartes, Paris, France.

78) 2:19 pm DO PATIENTS WITH CLASSIC BLADDER EXSTROPHY HAVE FECAL INCONTINENCE?
Urology, The Hospital for Sick Children, Toronto, ON, Canada.

2:25 pm Discussion

SCIENTIFIC SESSION: Miscellaneous
Moderators: Douglas Canning, MD, FAAP; John Wiener, MD, FAAP

79) 2:34 pm PUBLICATIONS BY THE AMERICAN ACADEMY OF PEDIATRICS SECTION ON UROLOGY: THE QUALITY OF RESEARCH DESIGN AND STATISTICAL METHODOLOGY.
Kourosh Afshar, MD,FAAP, Andrew E MacNeily, Abhi Seth and Siavash Jafari.
Urological Sciences, University of British Columbia, Vancouver, BC, Canada.

80) 2:40 pm CHRONIC UTI IN CHILDREN IS NOT ASSOCIATED WITH BLADDER WALL BACTERIAL PODS.
Craig A Peters, MD, Owen Hendley and Theresa S Schlager
Urology and Pediatrics, University of Virginia, Charlottesville, VA.

81) 2:46 pm THE ASSOCIATION BETWEEN EMPLOYMENT AND QUALITY OF LIFE IN ADOLESCENTS AND YOUNG ADULTS WITH SPINA BIFIDA.
Vijaya M Vemulakonda, MD, JD1, William O Walker2, Richard W Grady1 and Tari D Topolski3
1Division of Pediatric Urology, Children's Hospital and Regional Medical Center, Seattle, WA; 2Department of Pediatrics, Children's Hospital and 3Regional Medical Center, Seattle, WA and Department of Health Services, University of Washington, Seattle, WA.

82) 2:52 pm CONTINUOUS EPIDURAL VERSUS NON-EPIDURAL ANALGESIA FOR POST-PYEOPLASTY PAIN IN CHILDREN: A PROSPECTIVE, RANDOMIZED STUDY.
David Ben−Meir, MD, Pinhas M Livne, Jacob Kats, Orli Gelman and Rachel Efrat
Pediatric Urology, Schneider Children's Medical Center of Israel.

83) 2:58 pm IT IS UNPREDICTABLE IF PREOPERATIVE CHEMOTHERAPY WOULD IMPROVE OR EASE THE SURGICAL PROCEDURE AND OUTCOME IN CHILDREN WITH WILMS TUMOR.
Guy A Bogaert, PhD,MD1, Birgit Heremans2, Liesje Bruninx3, Liesbeth De Wever2 and Hendrik Van Poppel4

3:04 pm  Discussion
3:15 pm  Break, Poster Viewing
3:30 pm  Panel Discussion: “Pediatric Urology Ryder Cup: Europe vs. the U.S.”
Moderator: Duncan T Wilcox, MD
Panelists: Mr Prasad Godbole, MBBS, FRCS (Sheffield, UK)
Dr Marc LeClair, MD, PhD (Nantes, France)
Mr Patrick Duffy, MBBS, FRCS (London, UK)
Jack S Elder, MD, FAAP (US)
Mark Cain, MD, FAAP (US)
Christopher S Cooper, MD, FAAP (US)

4:45 pm  Business Meeting
5:15 pm  Adjourn

SUNDAY, OCTOBER 12, 2008

Section on Urology Scientific Program
International Children’s Continence Society & Pediatric Urology Nurse Specialists
H2005B
Hynes Convention Center
8:30 am-12:15 pm

SCIENTIFIC SESSION:

Influence of Co-Morbidity I
Moderators: Kenneth Glassberg, MD, FAAP; Michaelene Ribbeck, CPNP, PhD

84) 8:30 am  TOILET TRAINING OF YOUNG HEALTHY CHILDREN IN A DAY CARE CENTRE: A RANDOMISED CONTROL TRIAL.
Alexandra Vermandel, MPT1,3, Marijke Van Kamper2, Stefan De Wachter1, Joost Weyler4 and Jean−Jacques Wyndaele1
1Urology, University Antwerp, Antwerp, Belgium; 2Kinesiology and Rehabilitation, University Louvain, Louvain, Belgium; 3Healthcare, Hogeschool Antwerpen, Antwerp, Belgium and 4Epidemiology, University Antwerp, Antwerp, Belgium.

85) 8:36 am  THE EFFECT OF URINARY BLADDER OVERDISTENSION ON THE VOIDING FUNCTION OF KINDERGARTEN CHILDREN.
Stephen SD Yang, MD, PhD
Division of Urology, Buddhist Tzu Chi General Hospital, Taipei Branch

86) 8:42 am  THE OCCURRENCE OF CHILDHOOD MICTURITION SYMPTOMS IN PARENTS OF CHILDREN WITH DYSFUNCTIONAL VOIDING OR OVERACTIVE BLADDER SYNDROME.
Tom P de Jong, MD, PhD1, Huub van der Vaart1, Julien Labrie2, Anka Nieuwhoof1 and Marianne A Vijverberg1
1Pediatric Urology, University Children's Hospital UMCU, Utrecht, The Netherlands and 2Obstetrics and Gynecology, University Medical Center Utrecht, The Netherlands
87) 8:48 am  BEHAVIORAL TREATMENT FOR THE IMPROVEMENT OF LOWER URINARY TRACT SYMPTOMS.
Aileen P Schast, PhD1, Stephen A Zderic1,2, Meg Richter1, Amanda Berry1 and Michael C Carr1,2
1Division of Urology, The Children's Hospital of Philadelphia, Philadelphia, PA and 2Division of Urology, University of Pennsylvania School of Medicine, Philadelphia, PA.

88) 8:54 am  THE UROFLOW PATTERN IN MENTAL AND/OR MOTOR DISABLED CHILDREN.
Erik Van Laecke1, Ann Raes2, Johan Vande Walle2 and Piet Hoebeke1
1Paediatric Urology, Ghent University Hospital, Ghent, Oost-Vlaanderen, Belgium and 2Paediatric Nephrology, Ghent University Hospital, Ghent, Oost-Vlaanderen, Belgium.

89) 9:00 am  BIOFEEDBACK TRAINING (BT) FOR LUT PROBLEMS IN CHILDREN: FACTORS AFFECTING EFFICACY.
Pamela R Kelly MS, RN, CPNP, Barbara D Marinaccio, Joseph G Borer, Carlos R Estrada, Richard S Lee and Stuart B Bauer
Department of Urology, Children's Hospital Boston, Boston, MA.

90) 9:06 am  IS RADIOGRAPHIC IMAGING NEEDED IN THE INITIAL EVALUATION OF CHILDREN WITH LOWER URINARY TRACT DYSFUNCTION?
Elizabeth Jackson, MD, William DeFoor, Nan Tobias, Alfor Lewis, Deepa Chand and Curtis Sheldon
Pediatric Urology, Cincinnati Children's Hospital, Cincinnati, OH.

Discussion

9:25 am  Toilet Training Children with Developmental Challenges: Secrets to Success
Introduction by Stuart Bauer, MD, FAAP
Guest Lecturer: Alison Schonwald, MD, FAAP

10:00 am  Break, Poster Viewing

10:15 am  Panel Discussion: Developmentally Challenged Children and Urinary Incontinence: A Vexing Clinical Problem
Moderators: Patrick McKenna, MD, FAAP; Barbara Montagnino, MSN, CNS
Panelists: Are Developmentally Challenged Children Amenable to LUT Rehabilitation? – Erik Van Laecke, MD
Guiding Parents and Care-Givers – Alexander Von Gontard, MD
Tricks of the Trade and Practical Tips – Marlo Eldridge, MSN, RNP

SCIENTIFIC SESSION:  Influence of Co-Morbidity II
Moderators: Janet Chase, DPhys, PGCPhys; Valre Welch, MSN, RN, CPNP

91) 11:15 am CONGNITIVE FUNCTION IN CHILDREN WITH SEVERE REFRATORY NOCTURNAL ENURESIS: A PRE AND POST TREATMENT EVALUATION.
Biji Sreedhar, PhD, CK Yeung, MD, Alex Yeung, Msc, Mei Diao, PhD, JDY Sihoe, MS
Division of Pediatric Surgery & Pediatric Urology, Department of Surgery, The Chinese University of Hong Kong, Hong Kong, China

92) 11:21 am CLINICAL DIFFERENCES IN SUBTYPES OF DAYTIME WETTING – URGE INCONTINENCE AND VOIDING POSTPONEMENT.
Alexander KP von Gontard, Sissy Kuhn and Nicole Natale
Department of Child and Adolescent Psychiatry, Saarland University Hospital, Homburg, Germany.
93) 11:27 am  CHARACTERIZATION AND MANAGEMENT OF VOIDING DYSFUNCTION IN CHILDREN WITH ADHD.
Jonathan D Kaye, MD and Lane S Palmer Pediatric Urology, Schneider Children's Hospital of the North Shore-Long Island Jewish Health System, New Hyde Park, NY.

94) 11:33 am  COMPARISON OF ENURESIS, VOIDING DYSFUNCTION AND TREATMENT OUTCOMES IN TYPICAL CHILDREN AND THOSE DIAGNOSED WITH ADHD AND AUTISM SPECTRUM DISORDERS.
Justine M Schober, MD, Jamie Fuhrer and Timothy Cooney
1Urology, Hamot Medical Center, Erie, PA; 2Medical School, Lake Erie College of Osteopathic Medicine, Erie, PA and 3Academic Research, Hamot Medical Center, Erie, PA.

11:39 am  Discussion

95) 11:50 am  ADEQUATE FLUID INTAKE, AN IMPORTANT FACTOR IN THE TREATMENT OF URINARY INCONTINENCE IN CHILDREN SUFFERING MENTAL AND/OR MOTOR DISABILITY.
Erik Van Laecke, MD1, Ann Raes2, Johan Vand Walle2 and Piet Hoebeke1
1Paediatric Urology, Ghent University Hospital, Ghent, Oost–Vlaanderen, Belgium and 2Paediatric Nephrology, Ghent University Hospital, Ghent, Oost–Vlaanderen, Belgium.

96) 11:56 am  CORRELATING THE CLINICAL AND URODYNAMIC SPECTRUM OF BLADDER FUNCTION AMONG CHILDREN WITH CEREBRAL PALSY.
Ingride Richardson, MD2 and Lane S Palmer1
1Pediatric Urology, Schneider Children's Hospital of the North Shore-Long Island Jewish Health System, New Hyde Park, NY and 2Urology, Beth Israel Medical Center, New York, NY.

97) 12:02 pm  EFFECTIVE CONSERVATIVE TREATMENT OF OV ERACTIVE NEUROGENIC BLADDER.
Thomas Lehnert, Holger Till, Margit Weisser and Udo Rolle
Department of Pediatric Surgery, University of Leipzig, Leipzig, Germany.

12:08 pm  Discussion

12:15 pm  Lunch Break

SUNDAY, OCTOBER 12, 2008

Section on Urology Scientific Program
International Children’s Continence Society
H2005C
Hynes Convention Center
1:30 pm-5:30 pm

1:30 pm  POINT/COUNTERPOINT
Controversies in the Pathophysiology of Enuresis
Moderators: Tryggve Neveus, MD PhD, and Johan Vande Walle, MD
Panelists: Fluid Balance and Nocturnal Polyuria – Soren Rittig, MD
Arousal Mechanisms and Sleep Disturbances – CK Yeung, MD

2:00 pm  Applying Hypnosis to Treating Enuresis: Teaching Kids to Sing "How Dry I Am"
Introduction by Jack Elder, MD, FAAP
Guest Lecturer: Jeffrey Lazarus, MD, FAAP

SCIENTIFIC SESSION: Enuresis Etiology
Moderators: Troels Munch Jorgensen, MD; Erik Van Laecke, MD

98) 2:30 pm A RE−APPRaisal OF Urine Output Rate And Maximum Volume Voided in Children With and Without Monosymptomatic Nocturnal Enuresis.
Jan D van Gool, MD, PhD1, Koen Van Hoeck1, An M Bael1, Hildegard Lax2, Herbert Hirche2, Els Van Dessel1 and Debbie Van Renthergem1
1Department of Pediatrics, Pediatric Nephrology, University Hospital Antwerp, University of Antwerp, Antwerp (Edegem), Belgium and 2Institute of Medical Informatics, Biometry and Epidemiology, University of Essen-Duisburg, Essen, Germany.

99) 2:36 pm Lower Urinary Tract Symptoms in Enuretic and Non-Enuretic Children: A Population-Based Study.
Eliane M G O Fonseca, PhD, MD1,2; Ana Paula N Bordallo, MD1, Patricia G Keller, MD1, Catya Munhoz1, Cosme M F P Silva3
1Pediatric Urodynamic, Hospital dos Servidores do Estado, Rio De Janeiro, Brazil. 2Gama Filho University, Rio De Janeiro, Brazil. 3National Public Health School, Rio De Janeiro, Brazil.

100) 2:42 pm The Effect of Familial Aggregation on the Children with Primary Nocturnal Enuresis.
Wen Jian Guo, Wang Qing Wei, Wang Yan, Zhang Ning, Lou An Feng, Jin Xing Wei
1Department of Urology, The First Affiliated Hospital of Zhengzhou University, 2Pediatric Surgery and Urodynamic Center, First Affiliated Hospital of Zhengzhou University, 3Institute of Clinical Medical Research Universities of Henan Province, China.

Dieter D Baeyens, PhD, K Van Gompel, Elke De Bruyne, Eline Van Hoecke, Piet Hoebeka and Johan GJ Vande Walle
Paediatric Uro/Nephrological Centre, University Hospital, Ghent, Belgium.

102) 2:54 pm Sleep Disorders in Therapy Resistant and/or Dependent Nocturnal Enuresis.
Johan Vande Walle1, Dhondt K2, Ann Raes1, Ann Deguchenaere1, Joke Dehoorne1, Piet Hoebeka1 and Erik Van Laecke1
1Pediatric Uro-Nephrological Centre, 2Pediatrics, UZ Gent, Gent, Belgium.

103) 3:00 pm Free Uroflow Patterns Do Not Relate to Outcome of Incontinence Treatment.
An M Bael, MD, PhD1, Hildegard Lax2, Herbert Hirche2 and Jan D van Gool1
1Department of Pediatrics, Pediatric Nephrology, University Hospital Antwerp, University of Antwerp, Antwerp (Edegem), Belgium and 2Institute of Medical Informatics, Biometry and Epidemiology, University of Essen-Duisburg, Essen, Germany.

3:04 pm Discussion

3:15 pm Break, Poster Viewing

SCIENTIFIC
SESSION: Enuresis Management I
Moderators: Charlotte Siggaard, MD, PhD; Yuri Reinberg, MD, FAAP

104) 3:30 pm DESMOPRESSIN TREATMENT REGIMENS IN MONO– AND NONMONOSYMPTOMATIC ENURESIS: A REVIEW.
Saladin H Alloussi, MD, Gerd E Mürtz, Silvia Gitzhofer, Robert Eichel, Christoph Lang, Gerhard Strugala, Helmut Madersbacher and Schahnaz Alloussi
1Department of Urology, Neunkirchen Hospital, Neunkirchen, Germany; 2Urology, APOGEPHA Arzneimittel GmbH, Dresden, Germany and 3Neurourology Unit, University Hospital, Innsbruck, Austria.

105) 3:36 pm A COMPARISON OF PATIENT (AND PARENT) SATISFACTION WITH DDAVP TREATMENT OF MONOSYMPTOMATIC ENURESIS (ME) WITH THE OBJECTIVE MEDICAL SUCCESS.
Paul Eggert, MD, Carina Schlueters and Göran Carlsson
Klinik für Allgemeine Pädiatrie, UKSH, Campus Kiel, Kiel, Schleswig–Holstein, Germany.

106) 3:42 pm EVALUATION OF COMBINATION THERAPY FOR MONOSYMPTOMATIC NOCTURNAL ENURESIS.
Udo Rolle, MD, PhD, Mandy Vogt, Thomas Lehner and Holger Till
Department of Pediatric Surgery, University of Leipzig, Leipzig, Germany.

107) 3:48 pm POOR COMPLIANCE IN ENURESIS PATIENTS MAY UNDERLIE INSUFFICIENT RESPONSE TO DESMOPRESSIN.
Johan GJ Vande Walle, MD, Jonathan Evans, Paul Eggert and Henri Lottmann
1UZ Pediatric Nephrology, UZgent, Gent, Belgium, 9000; 2Drip study-group UK, University Hospital, Nottingham, United Kingdom; 3Drip study-group Germany, University Hospital, Nottingham, United Kingdom and 4Drip study-group France, Hôpital Necker, France.

108) 3:54 pm TEAM: ANTIDIURETIC TREATMENT OUTCOMES IN ENURETIC CHILDREN USING TAPERING OR ABRUPT TERMINATION.
Daniela Marschall–Kehrel, MD, Diana Devey and TEAM Group
1Urological, Office, Frankfurt, Germany; 2Med. Department, Ferring Arzneimittel, Kiel, Schleswig–Holstein, Germany and 3Multicentric Group, Various, Germany.

109) 4:00 pm RESULTS OF MONOSYMPTOMATIC NOCTURNAL ENURESIS TREATMENT WITH DESMOPRESSIN IN CHILDREN WITH DECREASED OSMOLALITY OF URINE DURING THE NIGHT.
Michal Maternik, Aleksandra Zurowska, Piotr Czarniak and Magdalena Drozynska-Duklas
Pediatric and Adolescent Nephrology and Hypertension, Medical University, Gdansk, Poland.

110) 4:06 pm EXPLORING RESPONSE TO DESMOPRESSIN IN UNSELECTED ENURETIC PATIENTS.
Johan GJ Vande Walle, Jonathan Evans, Paul Eggert, Henri Lottmann and Drip study-group
1Pediatric Nephrology, UZ Gent, Gent, Belgium.

4:12 pm Discussion

SESSION: Enuresis Management II
Moderators: Tom de Jong, MD, PhD; Dawn MacLellan, MD, FAAP

111) 4:27 pm THE IMPACT ON BURDEN AND QUALITY OF LIFE WHEN BEDWETTING IS TREATED WITH AN ALARM.
112) 4:33 pm  **INDOMETHACIN RESISTANCE IN DESMOPRESSIN RESISTANT MONOSYMPTOMATIC ENURESIS NOCTURNA MAY BE RELATED TO RENAL SOLUTE LOAD.**
*Mauel Reiner, MD, Ann Raes, Ann De Guchtenaere, Joke Dehoorne, Erik Van Laecke, Piet Hoebeke and Johan Vande Walle*
Pediatric Uro-Nephrological Centre, UGent, Gent, Belgium.

113) 4:39 pm  **REBOXETINE IN THERAPY–RESISTENT ENURESIS: A RETROSPECTIVE EVALUATION.**
*Elisabet Lundmark, MD and Tryggve Neveus*
Dept of Women's and Children's Health, Uppsala University, Uppsala, Sweden.

114) 4:45 pm  **SIBUTRAMINE MAY OFFER AN ALTERNATIVE OPTION IN THERAPY RESISTANT NOCTURNAL POLYURIA.**
*Johan Vande Walle, Ann Raes, Reiner Mauel, Piet Hoebeke and Erik Van Laecke*
Pediatric Uro-Nephrological Centre, UZ Gent, Gent, Belgium.

4:51 pm  **Discussion**

115) 4:59 pm  **THE USE OF IMIPRAMINE FOR REFRACTORY NOCTURNAL ENURESIS.**
*Lori L Dyer, MD, Richard Young, Therese C Gardere and Israel Franco*
Pediatric Urology, New York Medical College, Valhalla, NY.

116) 5:05 pm  **POST-TREATMENT BLADDER AND BRAIN FUNCTIONAL CHANGES IN SEVERELY ENURETIC CHILDREN: ELECTRO-ACUPUNCTURE VERSUS COMBINATION THERAPY.**
*Mei Diao, PhD, B Med, Chung-Kwong Yeung, MD, MBBS, Biji Sreedhar, PhD, M Sci, Ping-Chung Leung, DSc, MS, MBBS*
The Chinese University of Hong Kong, Shatin, NT, Hong Kong SAR, China.

117) 5:11 pm  **HYPERCALCIURIA IN CHILDREN WITH NOCTURNAL ENURESIS NOCTURNA.**
*Ann M Raes, PhD, Joke Dehoorne, Ann De Guchtenaere, Reiner Mauel, Erik Van Laecke, Piet Hoebeke and Johan Vande Walle*
UZGent Pediatric Urolonephrological Centre, UZ Gent, Gent, Belgium.

118) 5:17 pm  **DESMOPRESSIN RESISTANCE: ORAL WATER–LOAD BEFORE DESMOPRESSIN ADMINISTRATION REDUCES NOT ONLY ANTI–DIURETIC EFFECT, BUT ALSO TUBULAR REABSORPTION OF SODIUM AND UREUM.**
*Johan GJ Vande Walle, PhD, Ann De Guchtenaere, Ann Raes, Joke Dehoorne, Erik van Laecke and Piet Hoebeke*
Pediatric Uro–Nephrological Centre, UZ Gent, Gent, Belgium.

5:23 pm  **Discussion**

5:30 pm  **ICCS Business Meeting**

6:00 pm  **Adjourn**

**MONDAY, OCTOBER 13, 2008**
7:30 am  Pediatric Urology Basic Science Workshop  
Moderator: John Park, MD, FAAP  
Panelists: Steve Zderic, MD, FAAP  
Linda A Baker, MD, FAAP  
Monica Liebert, PhD

SCIENTIFIC SESSION: Bladder Obstruction  
Moderators: Craig Peters, MD, FAAP; Guy Bogaert, MD

119) 8:30 am EARLY VALVE ABLATION CAN REDUCE THE INCIDENCE OF BLADDER DYSFUNCTION IN BOYS WITH POSTERIOR URETHRAL VALVE.  
Mohamed E Youssi  
Waleed Dawood.  
Pediatric Urology Unit, Urology Department, Alexandria University, Alexandria, Egypt.

120) 8:36 am FATE OF PERSISTENT VESICOURETERIC REFLUX AFTER ABLATION OF POSTERIOR URETHRAL VALVES.  
Denis A Cozzi, MD, Simone Frediani, Giorgia Totonelli, Debora Morgante and Francesco Cozzi  
Pediatric Surgery, University of Rome "Sapienza," Rome, Italy.

121) 8:42 am SHORT TERM OUTCOMES OF VESICOAMNIOTIC SHUNTING FOR FETAL LOWER URINARY TRACT OBSTRUCTION WITH POOR URINE ELECTROLYTES.  
Douglass B Clayton, MD¹, Joseph E Biggio², David M Kitchens¹, David B Joseph¹ and CD Anthony Herndon¹  
¹Department of Surgery, Division of Urology, University of Alabama Birmingham, Birmingham, AL and ²Department of OB/GYN, Division of Maternal Fetal Medicine, University of Alabama Birmingham, Birmingham, AL.

122) 8:48 am CONTINENCE IN PATIENTS UNDERGOING FETAL REPAIR OF THEIR MYELOMENINGOCELE.  
Michael C Carr, MD, PhD  
¹Division of Pediatric Urology, The Children's Hospital of Philadelphia, Philadelphia, PA and ²Urology, University of Pennsylvania School of Medicine, Philadelphia, PA.

123) 8:54 am Poster 1 STROMAL LOSS OF TβRII IN BLADDER REDUCES FIBROSIS IN MICE AFTER PARTIAL BLADDER OUTLET OBSTRUCTION.  
Govindaraj Anumanthan, Ph.D¹, Stacy T Tanaka¹, Cyrus M Adams¹, John C Thomas¹, Marcia L Wills², Simon W Hayward³, Robert J Matusik¹, Mark C Adams¹, John W Brock III⁴, Neil A Bhowmick¹ and John C Pope IV⁴  
¹Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN and ²Department of Pathology, Vanderbilt Medical Center, Nashville, TN.

124) 8:57 am Poster 2 RECRUITMENT OF BONE MARROW DERIVED CELLS TO THE BLADDER AFTER BLADDER OUTLET OBSTRUCTION.  
Stacy T Tanaka, MD, John H Makari, John C Thomas, Mark C Adams, John W Brock III, John C Pope IV and Neil A Bhowmick  
Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN.
9:00 am  Discussion

SCIENTIFIC SESSION:  Neurogenic Bladder
Moderators:  Andrew MacNeily, MD, FAAP; Dominic Frimberger, MD, FAAP

125) 9:14 am  OUTPATIENT PERINEAL SLING: A NEW OPTION FOR TEENAGE BOYS WITH NEUROGENIC INCONTINENCE.
Gregory E Dean, MD1,2 and David A Kunkle1
1Department of Urology, Temple University, Philadelphia, PA and 2Pediatric Urology, Shriners Hospital for Children, Philadelphia, PA.

126) 9:20 am  BLADDER NECK CLOSURE (BNC) IN THE MANAGEMENT OF INTRACTABLE PEDIATRIC URINARY INCONTINENCE.
Thomas E Novak, MD, Amirali H Salmasi, Yegappan Lakshmanan, Ranjiv I Mathews and John P Gearhart
Brady Urological Institute, Johns Hopkins Medical Institutions, Baltimore, MD.

127) 9:26 am  L-STENT OBVIATES THE NEED FOR SURGICAL REVISION OF STOMAL STENOSIS IN CATHETERIZABLE CHANNELS.
Jennie Mickelson, MD1, Theresa Meyer1, Elizabeth Yerkes1, Zebold Kerry1, Bradley P Kropp2, William E Kaplan1 and Earl Cheng1
1Pediatric Urology – Children's Memorial Hospital, Northwestern University, Chicago, IL and 2Department of Pediatric Urology, University of Oklahoma Health Sciences Center, Oklahoma City, OK.

128) 9:32 am  THE EFFECT OF CONTINENCE ON QUALITY OF LIFE AND PERCEIVED HEALTH STATUS IN ADOLESCENTS AND YOUNG ADULTS WITH SPINA BIFIDA.
Vijaya M Vemulakonda, MD1, William O Walker2, Tari D Topolski3 and Richard W Grady1
1Division of Pediatric Urology, Children's Hospital and Regional Medical Center, Seattle, WA; 2Department of Pediatrics, Children's Hospital and Regional Medical Center, Seattle, WA and 3Department of Health Services, University of Washington, Seattle, WA.

129) 9:38 am  IN VIVO GENERATION OF FUNCTIONAL TISSUES USING THE INKJET PRINTING TECHNOLOGY FOR PEDIATRIC RECONSTRUCTIVE SURGERY.
James Yoo, MD, PhD1,2, Tao Xu2, Weixin Zhao2 and Anthony Atala1,2
1Urology Department, Wake Forest University, Winston Salem, NC; 2Regenerative Medicine, Wake Forest University, Winston Salem, NC and 3Winston Salem, NC.

130) 9:41 am  BONE MARROW DERIVED STEM AND PROGENITOR CELLS FOR BLADDER TISSUE ENGINEERING.
Arun K Sharma, PhD1,2,4, Natalie J Fuller1, Jennifer A Hagerty1, Ryan R Sullivan1, Noreen Fulton1, Paul E Cheresh2, Partha V Hota1, Hatim Thaker1, Daniel A Harrington1,2,4 and Earl Y Cheng1,2,4
1Pediatric Urology, Children's Memorial Hospital, Chicago, IL; 2Urology, Northwestern University Feinberg School of Medicine, Chicago, IL; 3Medicine, University of Illinois at Chicago, Chicago, IL and 4Institute of Bionanotechnology in Medicine, Northwestern University, Chicago, IL.

9:44 am  Discussion

10:00 am  Presentation of Clinical and Basic Science Research Awards

10:10 am  Break, Poster Viewing

10:30 am  Panel Discussion: “Pediatric Urology: What I’ve learned over the years”
11:25 am  Panel Discussion: “Spina Bifida Care: Future Challenges”
Moderator:  David Joseph, MD, FAAP
Panelists:  The Multidisciplinary Clinic: where we are headed? –
Timothy Brei, MD, FAAP
Spina Bifida Association and Capitol Hill: The Drive for Research Dollars –
Cindy Brownstein

12:00 pm  Lunch Break

SCIENTIFIC SESSION:  Minimally Invasive Surgery
Moderators:  Gregory Dean, MD, FAAP; Pasquale Casale, MD, FAAP

131)  1:00 pm  VESICOSCOPIC CROSS-TRIGONAL URETERAL REIMPLANTATION: EXTENDED EXPERIENCE CONFIRMS EFFICACY OF PROCEDURE.
Ashay S Patel, MD, Venkata R Jayanthi and Stephen J Canon
Urology, Nationwide Children's Hospital, Columbus, OH.

132)  1:06 pm  HOW MUCH EXPERIENCE IS NEEDED IN PERFORMING A HIGH QUALITY SUTURE ANASTOMOSIS OF THE URETEROPELVIC JUNCTION: A COMPARISON BETWEEN OPEN, CONVENTIONAL LAPAROSCOPIC AND ROBOT-ASSISTED TECHNIQUES.
Carlo C Passerotti, MD, Ana–Maria AMS Passerotti, Alan B Retik and Hiep T Nguyen
Department of Urology, Children's Hospital Boston, Harvard Medical School, Boston, MA.

133)  1:12 pm  A COMPARISON OF LAPAROSCOPIC DISMEMBERED PYELOPLASTY AND LAPAROSCOPIC VASCULAR HITCH PYELOPLASTY.
Nicholas G Cost, MD, Joshua M Stern, Linda A Baker and Duncan T Wilcox
Department of Urology, University of Texas – Southwestern Medical Center and Children's Medical Center at Dallas, Dallas, TX.

1:18 pm  Discussion

SCIENTIFIC SESSION:  Stones
Moderators:  Eugene Minevich, MD, FAAP; Walid Farhat, MD, FAAP

134)  1:25 pm  THE UTILITY OF US IN THE EVALUATION OF CHILDREN WITH UROLITHIASIS: A PROSPECTIVE STUDY COMPARING CT AND US.
Carlo C Passerotti, MD, PhD, Andres D Silva Waisbluth, Cynthia L Schoettler, Jeanne Chow, Jeannette Perez-Rossello, Alan B Retik and Hiep T Nguyen
Urology, Children's Hospital Boston, Harvard Medical School, Boston, MA.

135)  1:31 pm  EXTRACORPOREAL SHOCK WAVE LITHOTRIPSY (ESWL) IN PREPUBERTAL CHILDREN: 22 YEAR EXPERIENCE OF A SINGLE INSTITUTION WITH A SINGLE LITHOTRIPTOR.
Ezekiel H Landau, MD, FAAP, Dov Pode, Amos Shapiro, Shimon Meretyk, Giora Katz, Ran Katz, Mordechai Dudevani, Benjamin Hardak, Helio Cipele, Ofer Z Shenfeld and Ofer N
EXTRACORPOREAL SHOCK WAVE LITHOTRIPSY FOR RENAL CALCULI IN CHILDREN: IS IT THE BEST THERAPY?
Romano T DeMarco, MD, FAAP, Heidi A Stephany, Thomas Champion, John M Gatti and J Patrick Murphy
Division of Pediatric Urology, Children's Mercy Hospital, Kansas City, MO.

RECURRENCE OF PEDIATRIC URINARY STONE DISEASE.
Nicol Corbin Bush, MD, Benjamin Brown, Aaron Gingrich and Linda A Baker
Pediatric Urology, Children's Medical Center, Dallas, TX.

PEDIATRIC URETEROSCOPIC MANAGEMENT OF INTRARENAL CALCULI.
Stacy T Tanaka, MD, John H Makari, John C Pope IV, Mark C Adams, John W Brock III and John C Thomas
Division of Pediatric Urology, Monroe Carell Jr. Vanderbilt Children's Hospital, Nashville, TN.

DYNAMIC HYDRODISTENTION GRADING AND TREATMENT OF NON-REFLUXING HIGH-RISK URETERS REDUCES NEW CONTRALATERAL VESICOURETERAL REFLUX.
Wolfgang H Cerwinka, MD, Hal C Scherz and Andrew J Kirsch
Pediatric Urology, Children's Healthcare of Atlanta, Atlanta, GA.

MULTIVARIATE ANALYSIS OF RISK FACTORS FOR URINARY TRACT INFECTIONS AFTER ENDOSCOPIC INJECTION OF DEXTRANOMER-HYALURONIC ACID.
Erica Traxel, MD, William DeFoor, Pramod Reddy, Curtis Sheldon and Eugene Minevich
Pediatric Urology, Cincinnati Children's Hospital, Cincinnati, OH.

DOES SUCCESSFUL ENDOSCOPIC CORRECTION OF VESICOURETERAL REFLUX PROVIDE KIDNEY PROTECTION?
Ala Natsheh, MD, Alon Fridmans, Dmitry Koulikov, Ofer Z Shenfeld, Amicur Farkas and Boris Chertin
Pediatric Urology Unit, Shaare Zedek Medical Center, Jerusalem, Israel.

Panel Discussion: "Academic Pediatric Urology: Where do we go from here?"
Moderator: Douglas A Husmann, MD, FAAP
Panelists: Linda D Shortliffe, MD, FAAP, John Brock, MD, FAAP, Jennifer Hagerty, DO

Break, Poster viewing
SCIENTIFIC SESSION:  Vagina  
Moderators:  Gordon McLorie, MD, FAAP; Elizabeth Yerkes, MD, FAAP

142) 3:30 pm  BLADDER AFTER TOTAL UROGENITAL MOBILIZATION SURGERY FOR CONGENITAL ADRENAL HYPERPLASIA AND CLOACA: DOES IT BEHAVE THE SAME?
Daniela Camanni, MD¹, Antonio Zaccara¹, Maria Luisa Capitanucci¹, Barbara Daniela Iacobelli², Giovanni Masiello¹ and Mario De Gennaro¹
¹Urology and Nephrology, Bambino Gesu' Children's Hospital, Rome, Italy and ²Neonatology, Bambino Gesu' Children's Hospital, Rome, Italy.

143) 3:36 pm  LONG-TERM OUTCOME OF VAGINOPLASTY WITH THE BILATERAL LABIOSCROTAL FLAP.
Kimihiko Moriya, MD, Hiroshi Higashiyama, Michiko Nakamura, Takahiko Mitsui, Hiroshi Tanaka and Katsuya Nonomura
Urology, Hokkaido University Graduate School of Medicine, Sapporo, Japan.

144) 3:42 pm  ENDOSCOPIC ABLATION OF VAGINAL SEPTA: AN ALTERNATIVE TO OPEN RESECTION IN THE PREPUBERTAL PATIENT.
Margaret T Roth, MD¹, Gerald Mingin¹, Nafisa Dharmasi², Karen Psooy² and Martin Koyle³
¹Surgery, Division of Urology, University of Vermont, Vermont Children's Hospital, Burlington, VT; ²Surgery, Division of Urology, University of Manitoba, Winnipeg Children's Hospital, Winnipeg, MB, Canada and ³Urology, University of Washington, Children's Hospital, Seattle, WA.

3:48 pm  Discussion

SCIENTIFIC SESSION:  Scrotum/Inguinal Canal  
Moderators:  David Diamond, MD, FAAP; William Kennedy, MD, FAAP

145) 3:56 pm  POST VARICOCELECTOMY RETROGRADE VENOUS FLOW IS COMMON: WHAT IS ITS SIGNIFICANCE?
Miguel A Mercado, BS, Stephen A Poon, G Joel DeCastro and Kenneth I Glassberg
Division of Pediatric Urology, Morgan Stanley Children's Hospital of New York-Presbyterian Hospital, Columbia University, New York, NY.

146) 4:02 pm  TESTICULAR ASYMMETRY IN ADOLESCENTS WITH PALPABLE VARICOCELE MANAGED EXPECTANTLY.
Stephen A Poon, MD¹, Miguel A Mercado¹, Carl K Gjertson², G Joel DeCastro¹ and Kenneth I Glassberg¹
¹Urology, Columbia University Medical Center, New York, NY, and ²Surgery, University of Connecticut Health Center, Farmington, CT.

147) 4:08 pm  INFANT COMMUNICATING HYDROCELES: DO THEY NEED IMMEDIATE REPAIR OR MIGHT SOME CLINICALLY RESOLVE?
Michelle E Koski, MD¹, John H Makari¹, Mark C Adams¹, John C Thomas¹, Romano T DeMarco², John C Pope IV³ and John W Brock III¹
¹Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN and ²Division of Pediatric Urology, Children's Mercy Hospital, Kansas City, MO.

148) 4:14 pm  A LONG-TERM PROSPECTIVE ANALYSIS OF PEDIATRIC UNILATERAL INGUINAL HERNIAS: SHOULD LAPAROSCOPY OR ANYTHING ELSE INFLUENCE THE MANAGEMENT OF THE CONTRALATERAL SIDE?
MONDAY, OCTOBER 13, 2008

Section on Urology Scientific Program
International Children’s Continence Society
H3012B
Hynes Convention Center
8:15 am-1:00 pm

8:15 am  Reports from the Standardization Committees of the ICCS
Moderators: C K Yeung, MD; Tryggve Neveus, MD, PhD

9:10 am  Panel Discussion: New Horizons in the Management of Intractable Incontinence (2nd line therapy)
Moderators: Jens Christian Djurhuus, MD, Dr. Med. Sci; Paul Austin, MD, FAAP
Panelists: Supra-tentorial Therapy – Israel Franco, MD, FAA
Neuromodulation – Yuri Reinberg, MD, FAAP
Nephrogenic Approaches – Johan Vande Walle, MD
Pharmacotherapy – Tryggve Neveus, MD, PhD

10:10 am  Break, Poster Viewing

SCIENTIFIC SESSION:  Intractable Incontinence I
Moderators: Piet B Hoebbeke, MD, PhD; Stephen Koff, MD, FAAP

149) 10:30 am  RANDOMIZED PLACEBO CONTROLLED STUDY OF TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION IN REFRACTORY DAYTIME URINARY URGE INCONTINENCE IN CHILDREN.
Soren Hagstroem MD, PhD, Birgitte Mahler, Bodil Madsen, Jens C Djurhuus and Soren Rittig
1Clinical Institute, University of Aarhus, Aarhus N, Denmark and 2Department of Pediatrics, Aarhus University Hospital, Skejby, Aarhus N, Denmark.

150) 10:36 am  LONG−TERM EFFICACY OF PERCUTANEOUS TIBIAL NERVE STIMULATION (PTNS) TO TREAT BLADDER DYSFUNCTION IN CHILDREN.
Maria Luisa Capitanucci MD, Daniela Camanni, Francesca Demelas, Giovanni Mosiello, Antonio Zaccara and Mario De Gennaro
Nephrology and Urology, Urodynamic Unit, Children's Hospital Bambino Gesu', Rome, Italy.

151) 10:42 am  IMIPRAMINE FOR REFRACTORY PEDIATRIC OVERACTIVE BLADDER SYNDROME.
Richard Young, MD, Eric O Kwon, Therese Collett, Edward Reda and Israel Franco
1Pediatric Urology, New York Medical College, Valhalla, NY and 2Urology, Lenox Hill Hospital, New York, NY.

152) 10:48 am  PROSPECTIVE OPEN−LABEL DOUBLE ANTICHOLINERGIC THERAPY FOR REFRACTORY OVERACTIVE BLADDER IN CHILDREN.
Stephane Bolduc MD, FRCSC, Katherine Moore, Sylvie Lebel, Pascale Lamontagne and Micheline
Hamel
Division of Urology, University Laval, Quebec City, QC, Canada.

153) 10:54 am INFLUENCE OF PELVIC FLOOR MUSCLE EXERCISES ON THE FULL SPECTRUM THERAPY FOR NOCTURNAL ENURESIS: A RANDOMIZED CONTROLLED STUDY
Marijke Van Kampen, Hilde Lemkens, Anneleen Deschamps and Guy Bogaert
Faculty of Kinesiology and Rehabilitation Science, Catholic University, Leuven, Belgium.

11:00 am Discussion

154) 11:11 am SAFETY AND EFFICACY OF SOLIFENACIN IN THE TREATMENT OF THERAPY RESISTANT OVERACTIVE BLADDER OF CHILDHOOD.
Piet B Hoebeke, MD, PhD1, Erik Van Laecke1, Ann Raes2, Ann De Guchtenaere2, Joke De Hoorne2, Jan De Pooter1 and Johan Vande Walle2
1Urology, Ghent University Hospital, Gent, Belgium and 2Paediatric Nephrology, Ghent University Hospital, Ghent, Belgium.

155) 11:17 am A MULTI−CENTER CONTROLLED TRIAL OF STANDARD TREATMENT, PLACEBO, OXYBUTYNIN, BLADDER TRAINING, AND PELVIC FLOOR TRAINING IN CHILDREN WITH FUNCTIONAL INCONTINENCE.
Jan D van Gool, MD, PhD1, Tom P de Jong1, Pauline Winkler−Seinstra1, Tytti Tamminen−Möbius2, Hildegard Lux3, Herbert Hirche4, Rien J Nijman5, Kelm Hjalmas5, Ulf Jodal5, Hannsjorg Bachman6, Piet Hoebeke7, Johan Vandewalle7, Joachim Misselwitz8, Ulrike Joh9 and An M Bael9
1Pediatric Renal Center, Wilhelmina Children's Hospital, University Medical Center Utrecht, Utrecht, Netherlands; 2Department of Pediatrics, University Hospital Essen, University of Essen-Duisburg, Essen, Germany; 3Institute for Medical Informatics, Biometry and Epidemiology, University of Essen-Duisburg, Essen, Germany; 4Department of Urology, University Medical Center Groningen, Groningen, Netherlands; 5Pediatric Urology Center, Queen Silvia Children's Hospital, Sahlgrenska Academy at Gothenburg University, Gothenburg, Sweden; 6Department of Pediatrics, Zentralkrankenhaus Links der Weser, Bremen, Germany; 7Pediatric Urology Center, University Hospital Ghent, Ghent, Belgium; 8Department of Pediatric, Antwerp University Children's Hospital Jussuf Ibrahim, Jena, Germany and 9Department of Pediatrics, Pediatric Nephrology, University Hospital Antwerp, University of Antwerp, Antwerp (Edegem), Belgium.

156) 11:23 am EFFICACY AND TOLERABILITY OF PROPIVERINE IN CHILDREN SUFFERING FROM OVERACTIVE BLADDER AND URINARY INCONTINENCE.
Daniela Marschall−Kehrel1, Cornelia Feustel1, Charlotte Persson de Geeter3, Maximilian Stehr4, Christian Radmayr3, Ulla Sillen8 and Gerhard Strugala2
1Urology, Private Practice, Frankfurt/Main, Germany; 2Clinical Development, APOGEPHA Arzneimittel GmbH, Dresden, Germany; 3Paediatric Urology, Klinikum Kassel GmbH, Kassel, Germany; 4Paediatric Surgery, Dr. v Haunersches Kinderspital, Ludwig-Maximilians-Universität, Munich, Germany; 5Paediatric Urology, Universitätskliniken LKH Innsbruck, Innsbruck, Austria and 6Paediatric Urology, Queen Silvia Children's Hospital, Gothenburg, Sweden.

157) 11:29 am EXTENDED EXPERIENCE WITH THE USE OF BOTULINUM TOXIN A IN CHILDREN WITH OVERACTIVE BLADDER (OAB).
Wolter De Waard, MD1, Erik Van Laecke1, Ann Raes2, Joke Dehoorne2, Johan Vande Walle2 and Piet Hoebeke1
1Urology, Ghent University Hospital, Belgium and 2Paediatric Nephrology, Ghent University Hospital, Belgium.

11:35 am Discussion
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SCIENTIFIC SESSION: Intractable Incontinence II
Moderators: Joseph Ortenberg, MD, FAAP; Alexander von Gontard, MD

158) 11:46 am BOTULINUM A INJECTIONS AS A LAST RESORT FOR URINARY RETENTION.
Ala Abdo, Diego Barrieras, Julie Franc−Guimond and Anne−Marie Houle
Department of Surgery, Division of Urology, CHU Sainte−Justine, Montréal, QC, Canada.

159) 11:52 am ALTERATION IN COGNITIVE FUNCTION FOLLOWING SURGICAL REDUCTION OF BLADDER CAPACITY: AN ANIMAL MODEL.
CK Yeung, MD, Biji Sreedhar, PhD, YK Ng, PhD, Alex Yeung MSc, Maggie Kwan, and YM Shi, PhD
Division of Pediatric Surgery & Pediatric Urology, Department of Surgery, The Chinese University of Hong Kong, Hong Kong, China.

160) 11:58 am THE ROLE OF PELVIC FLOOR RETRAINING FOR MANAGING GIGGLE INCONTINENCE.
Ingride Richardson, MD and Lane S Palmer
1Pediatric Urology, Schneider Children's Hospital of the North Shore-Long Island Jewish Health System, Lake Success, NY and 2Urology, Beth Israel Medical Center, New York, NY.

161) 12:04 pm THE USE OF METHYLPHENIDATE FOR MANAGEMENT OF GIGGLE INCONTINENCE.
Amanda K Berry, MSN, CRNP, Stephen Zderic and Michael C Carr
1Division of Urology, The Children's Hospital of Philadelphia, Philadelphia, PA and 2School of Medicine, University of Pennsylvania, Philadelphia, PA.

162) 12:10 pm THE LONG−TERM EFFECTS OF LUTS TREATMENT IN CHILDREN.
Marianne Vijverberg, Eva Stortelder, Leatitia de Koert and Tom de Jong
1Medical Psychology, University Medical Center Utrecht, Netherlands and 2Pediatric Urology, University Medical Center Utrecht, Netherlands.

12:16 pm Discussion

163) 12:27 pm PRIMARY BLADDER NECK DYSFUNCTION: AN "ADULT" ENTITY THAT SHOULD NOT BE OVER−LOOKED IN CHILDHOOD AND ADOLESCENCE.
Kenneth I. Glassberg, MD, FAAP, Andrew J. Combs, Mark Horowitz, and Richard J. Macchia
1Urology, Columbia University Medical Center Morgan Stanley Children's Hospital, New York, NY, and 2Urology, SUNY Downstate Medical Center, Brooklyn, NY.

164) 12:33 pm PREVALENCE OF INCONTINENCE IN THE CKiD COHORT AND ITS EFFECT ON HEALTH RELATED QUALITY OF LIFE.
Jennifer L Dodson, MD, Silvia E Cohn, Stephen R Cole, Arlene C Gerson, Bradley A Warady and Susan L Furth
1Urology, Johns Hopkins Medical Institutions, Baltimore, MD; 2Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD; 3Pediatrics, Division of Pediatric Nephrology, Johns Hopkins Medical Institutions, Baltimore, MD and 4Pediatrics, Division of Pediatric Nephrology, University of Missouri-Kansas City School of Medicine, Kansas City, MO.

165) 12:39 pm HEALTH−RELATED QUALITY OF LIFE IN CHILDREN AND ADOLESCENTS WITH FUNCTIONAL URINARY INCONTINENCE: AN EVALUATION USING THE DISABKIDS−12 QUESTIONNAIRE.
Christian J Bachmann, MD, Ellen Janhsen, Elisabeth Gaebel, Heike Sambach, Christian
CROSS CULTURAL ADAPTATION, RELIABILITY AND VALIDITY OF THE GERMAN VERSION OF THE PEDIATRIC INCONTINENCE QUESTIONNAIRE (PINQ) FOR MEASURING HEALTH RELATED QUALITY−OF−LIFE IN CHILDREN WITH URINARY INCONTINENCE.

Christian J Bachmann, MD\textsuperscript{1}, Ellen Janhsen\textsuperscript{2}, Elisabeth Gaebel\textsuperscript{3}, Heike Sambach\textsuperscript{4}, Christian Steuber\textsuperscript{2}, Dirk Lehr\textsuperscript{5}, Alexander von Gontard\textsuperscript{4} and Hannsjoerg Bachmann\textsuperscript{2}

\textsuperscript{1}Department of Child and Adolescent Psychiatry, University Hospital Giessen and Marburg, Marburg, Germany; \textsuperscript{2}Department of Pediatrics, Klinikum Links der Weser gGmbH, Bremen, Germany; \textsuperscript{3}Department of Pediatric Nephrology, University Duisburg-Essen, Essen, Germany; \textsuperscript{4}Department of Child and Adolescent Psychiatry, University Hospital Homburg, Homburg/Saar, Germany and \textsuperscript{5}Department of Medical Psychology, Philipps-University Marburg, Marburg, Germany.

12:51 pm Discussion

1:00 pm Adjourn
1) STROMAL LOSS OF TβRII IN BLADDER Reduces FIBROSIS IN MICE AFTER PARTIAL BLADDER OUTLET OBSTRUCTION.
Govindaraj Anumanthan, PhD, Stacy T Tanaka, Cyrus M Adams, John C Thomas, Maria L Wills, Simon W Hayward, Robert J Matusik, Mark C Adams, John W Brock III, Neil A Bhowmick and John C Pope IV
1Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN and 2Department of Pathology, Vanderbilt Medical Center, Nashville, TN.

2) RECRUITMENT OF BONE MARROW DERIVED CELLS TO THE BLADDER AFTER BLADDER OUTLET OBSTRUCTION.
Stacy T Tanaka, MD, John H Makari, John C Thomas, Mark C Adams, John W Brock III, John C Pope IV and Neil A Bhowmick
Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN.

3) BLADDER HYPERTROPHY RESULTING FROM PARTIAL OUTLET OBSTRUCTION IS AMELIORATED BY SILDENAFIL IN A TGF–β–DEPENDENT MECHANISM.
Stacy T Tanaka, MD, Christopher E Wolter, Magaly Martinez–Ferrer, Consolata Uwamariya, Juan M Iturregui, Benois de Crombrugghe, Mark C Adams, John W Brock III, John C Pope IV, Roger R Dmochowski and Neil A Bhowmick
1Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN and 2Department of Molecular Genetics, M.D. Anderson Cancer Center, Houston, TX.

4) ATORVASTATIN AMELIORATES TUBULOINTERSTITIAL FIBROSIS AND PROTECTS RENAL FUNCTION IN CHRONIC PARTIAL URETERAL OBSTRUCTION.
John P Fitzgerald, MD, SY Chou, Israel Franco, Unni MM Mooppan, Hong Kim, Rajiv Saini and Frederick A Gulmi
1Urology, Brookdale University Hospital, Brooklyn, NY and 2Pediatric Urology, Westchester County Medical Center, Valhalla, NY.

5) THE LOSS OF BONE MORPHOGENIC PROTEIN–7 (BMP–7) CONTRIBUTES TO THE DEVELOPMENT OF RENAL FIBROSIS FOLLOWING OBSTRUCTIVE UROPATHY.
Scott R Manson, PhD, Rob A Niederhoff, Keith A Hruska, Douglas E Coplen and Paul F Austin
1Department of Pediatric Urology, Washington University and 2Department of Pediatric Nephrology, Washington University, Saint Louis, MO.

6) TISSUE ENGINEERING OF A GENITOURINARY TUBULAR TISSUE GRAFT RESISTANT TO SUTURING AND HIGH INTERNAL PRESSURES.
Stephane Bolduc, MD, FRCSC, Martine Magnan, Robert Gauvin, Jean Dubé, Assaad El–Hakim and Diego Barrias
1Department of Surgery, Laboratoire d'Organogenesis Experimentale, University Laval, Quebec City, QC, Canada; 2Department of Surgery, University of Montreal, Montreal, QC, Canada and 3Department of Surgery, McGill University, Montreal, QC, Canada.

7) IN VIVO GENERATION OF FUNCTIONAL TISSUES USING THE INKJET PRINTING TECHNOLOGY FOR PEDIATRIC RECONSTRUCTIVE SURGERY.
James Yoo, MD, PhD, Tao Xu, Weixin Zhao and Anthony Atala
1Urology Department, Wake Forest University, Winston Salem, NC; 2Regenerative Medicine, Wake Forest University, Winston Salem, NC and 3Winston Salem, NC.

8) URINARY BIOMARKERS OF URETERAL OBSTRUCTION ARE DIFFERENT FOR INFANTS AND CHILDREN.
Craig A Peters, MD, Susan C Kiley, Susan C Wright, Fern G Campbell and Robert L Chevalier
9) Tbx3 EXPRESSION PATTERNS IN THE DEVELOPING GENITOURINARY SYSTEM.
Siam Oottamasathien, MD\textsuperscript{1}, Deborah Frank\textsuperscript{2}, Michiko Takahashi\textsuperscript{2}, Kirk Thomas\textsuperscript{2} and Anne Moon\textsuperscript{2}\textsuperscript{1}Pediatric Urology, University of Utah, Salt Lake City, UT and \textsuperscript{2}Pediatrics and Human Genetics, University of Utah, Salt Lake City, UT.

10) BONE MARROW DERIVED STEM AND PROGENITOR CELLS FOR BLADDER TISSUE ENGINEERING.
Arun K Sharma, PhD\textsuperscript{1,2,4}, Natalie J Fuller\textsuperscript{1}, Jennifer A Hagerty\textsuperscript{1}, Ryan R Sullivan\textsuperscript{1}, Noreen Fulton\textsuperscript{3}, Paul E Cheresh\textsuperscript{2}, Partha V Hota\textsuperscript{1}, Hatim Thaker\textsuperscript{1}, Daniel A Harrington\textsuperscript{1,2,4} and Earl Y Cheng\textsuperscript{1,2,4}\textsuperscript{1}Pediatric Urology, Children's Memorial Hospital, Chicago, IL; \textsuperscript{2}Urology, Northwestern University Feinberg School of Medicine, Chicago, IL; \textsuperscript{3}Medicine, University of Illinois at Chicago, Chicago, IL and \textsuperscript{4}Institute of Bionanotechnology in Medicine, Northwestern University, Chicago, IL.

11) BASIC FIBROBLAST GROWTH FACTOR (bFGF) COULD BE A KEY REGULATOR OF MATRIX REMODELING AND HYPERSENSITIVITY IN OBSTRUCTED BLADDER.
Masaaki Imamura\textsuperscript{1}, Akihiro Kanematsu\textsuperscript{1}, Shingo Yamamoto\textsuperscript{2}, Hiromitsu Negoro\textsuperscript{1}, Isao Kanatani\textsuperscript{1}, Yasuhiko Tabata\textsuperscript{3} and Osamu Ogawa\textsuperscript{1}\textsuperscript{1}Department of Urology, Kyoto University Graduate School of Medicine, Kyoto, Japan; \textsuperscript{2}Department of Urology, Hyogo Medical College, Nishinomiya, Japan and \textsuperscript{3}Department of Biomaterials, Institute for Frontier Medical Sciences, Kyoto University, Kyoto, Japan.

12) TOLL LIKE RECEPTOR 4: A NOVEL SIGNALING PATHWAY DURING RENAL FIBROGENESIS.
Matthew T Campbell, MD, Karen L Hile, Hongji Zhang, Hiroshi Asanuma and Kirstan K Meldrum Department of Urology, Indiana University School of Medicine, Indianapolis, IN.

13) GENE EXPRESSION PROFILING OF HUMAN STEM CELLS FOR CONTROLLED DIFFERENTIATION AND DEVELOPMENT.
Shay Soker, PhD\textsuperscript{1,2}, Jason D Hipp\textsuperscript{2}, Minhaj Siddiqui\textsuperscript{2}, Jennifer A Hipp\textsuperscript{2}, Steve Hodges\textsuperscript{1} and Anthony Atala\textsuperscript{1,2}\textsuperscript{1}Urology Department, Wake Forest University, Winston Salem, NC; \textsuperscript{2}Regenerative Medicine, Wake Forest University, Winston Salem, NC.

14) CORRELATION OF SEMEN ANALYSIS WITH ALTERATIONS OF CgRP, INSL3, AND HOXD13 GENES IN CRYPTORCHIDISM.
Thomas F Kolon, MD, FAAP, Pasquale Casale, Stephen A Zderic, Michael C Carr and Howard M Snyder Division of Urology, Children's Hospital of Philadelphia, University of Pennsylvania School of Medicine, Philadelphia, PA.

15) A NOVEL PEPTIDE THAT STIMULATES THE BMP–7 PATHWAY PROMOTES RENAL RECOVERY FOLLOWING THE RELIEF OF URETERAL OBSTRUCTION.
Scott R Manson, PhD, Robert A Niederhoff, Keith A Hruska, Douglas E Coplen\textsuperscript{1} and Paul F Austin\textsuperscript{1}\textsuperscript{1}Department of Pediatric Urology, Washington University and \textsuperscript{2}Department of Pediatric Nephrology, Washington University, Saint Louis, MO.

16) DIFFERENTIATION OF HUMAN BONE MARROW STEM CELLS INTO SMOOTH MUSCLE FOR URINARY TRACT RECONSTRUCTION.
Yuanyuan Zhang, MD, Hong Tian\textsuperscript{2}, Ben Morel\textsuperscript{2}, Yan Liu\textsuperscript{2} and Anthony Atala\textsuperscript{1,2}
17) EMBRYONIC STEM CELL DIFFERENTIATION INTO SMOOTH MUSCLE: MODULATION BY STRUCTURAL CONFORMATION OF TYPE I COLLAGEN. Carlos R Estrada, MD1, Rosalyn M Adam1, George Q Daley2 and Joshua R Mauney3.  
1Urology, Children's Hospital Boston & Harvard Medical School, Boston, MA and 2Hematology/Oncology & Harvard Stem Cell Institute, Children's Hospital Boston & Harvard Medical School, Boston, MA.

18) AQUAPORIN EXPRESSION IN HUMAN UROTHELIUM – ROLE IN WATER AND SOLUTE TRANSPORT ACROSS THE UROTHELIUM? Peter C Rubenwolf, MD1, Nikolaos T Georgopoulos1, Lisa A Clements1, David FM Thomas2, Sally Feather3, Philip Holland4 and Jennifer Southgate1.  
1Jack Birch Unit for Molecular Carcinogenesis, University of York, York, United Kingdom; 2Department of Paediatric Surgery, St James's University Hospital, Leeds, United Kingdom; 3Department of Paediatric Nephrology, St James's University Hospital, Leeds, United Kingdom and 4Department of Paediatrics, St James's University Hospital, Leeds, United Kingdom.

19) TIMING OF ANDROGEN ADMINISTRATION HAS DIFFERENT EFFECTS ON FERTILITY AS WELL AS PENILE SIZE IN NORMAL MALE RATS. Hyeyoung Lee, MD, Mae Hwa Jin, Hyo Jin Kang, Chang Hee Hong and Sang Won Han. Department of Urology, Yonsei University College of Medicine, Seoul, Korea.

20) EFFECTS OF ATORVASTATIN ON RENAL EXPRESSION OF CYCLOOXYGENASE IN COMPLETE UNILATERAL URETERAL OBSTRUCTION (UUO) IN THE RAT. John P Fitzgerald, MD, SY Chou, Israel Franco, MD, Unni MM Mooppan, Hong Kim, Rajiv Saini and Frederick A Gulmi.  
1Urology, Brookdale University Hospital, Brooklyn, NY and 2Pediatric Urology, Westchester County Medical Center, Valhalla, NY.

21) PRESSURE AND EGF ACTIVATE EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) LEADING TO THE INDUCTION OF INOS VIA NFκB AND STAT3 IN HUMAN PROXIMAL TUBULE CELLS (HKC−8). Nalini V Broadbelt, MA1, Jie Chen2, Dix P Poppas2 and Diane Felsen2.  
1Pharmacology/Urology, Weill Cornell Medical College, New York, NY and 2Urology, Weill Cornell Medical College, New York, NY.

22) DIFFERENTIATION OF HUMAN BONE MARROW STROMAL CELLS INTO CELLS WITH A UROTHELIAL PHENOTYPE: POTENTIAL USE IN URINARY TRACT RECONSTRUCTION FOR BLADDER CANCER. Yuanyuan Zhang, MD1,2, Elena McNeil1, Ken Tian2 and Anthony Atala1,2.  
1Urology Department, Wake Forest University, Winston Salem, NC; 2Regenerative Medicine, Wake Forest University, Winston Salem, NC and 3Winston Salem, NC.

23) DO BIOENGINEERED BLADDER GRAFTS SURVIVE LONG-TERM OR ARE THEY REPLACED BY HOST CELLS? A NOVEL TRANSGENDER BLADDER WALL TRANSPLANT MODEL. Stacy T Tanaka, MD, Jonathan A Eandi, Karen N Leung and Eric A Kurzrock. Department of Urology, University of California Davis School of Medicine, Sacramento, CA.

24) WNT/β-CATENIN SIGNALING CONTROLS UROTHELIUM DIFFERENTIATION. Glenn M Cannon, Jr., MD, Patricio C Gargollo, Gerald C Mingin and X Sean Li. Urology, Children's Hospital, Boston, Boston, MA.
25) IN VITRO GENERATION OF 3–DIMENSIONAL RENAL STRUCTURES FOR CELL–BASED THERAPY IN CHILDREN.
James Yoo, MD, PhD1,2, Kathyrin Stern2, Kenneth Gyabaah2, Tamer Aboushwareb2, Yuan Yuan Zhang2 and Anthony Atala1,2
1Urology Department, Wake Forest University, Winston Salem, NC; 2Regenerative Medicine, Wake Forest University, Winston Salem, NC; 3Winston Salem, NC and 4Winston Salem, NC.

26) GENOMIC GUIDED STEM CELL DIFFERENTIATION UROLOGIC TISSUE REGENERATION APPLICATIONS.
James Yoo, MD, PhD1,2, Tao Xu2, Jason Hipp2, Mark Van Dyke2 and Anthony Atala1,2
1Urology Department, Wake Forest University, Winston Salem, NC; 2Regenerative Medicine, Wake Forest University, Winston Salem, NC and 3Winston Salem, NC.

27) MICRONEALYSIS FOR DETECTION OF POSTOPERATIVE ISCHEMIA IN EXPERIMENTAL RENAL TRANSPLANTATION.
Anna K Keller1, Troels M Jorgensen2, Kristian Ravlo1, Torben K Nielsen1, LH Olsen2 and Lars B Stolle1
1Institute of Clinical Medicine, Aarhus University, Aarhus, Denmark; 2Department of Urology, Aarhus University Hospital, Aarhus, Denmark and 3Department of Plastic Surgery, Aarhus University Hospital, Aarhus, Denmark.

28) ANGIOTENSIN–II REGULATES UROTHELIAL APOPTOSIS AND FIBROSIS IN RAT PARTIAL BLADDER OUTLET OBSTRUCTION.
Govindaraj Anumanthan, PhD1, John H Makari1, Stacy T Tanaka1, Cyrus M Adams1, John C Thomas1, Marcia L Wills2, Neil A Bhowmick1, Simon W Hayward1, Robert J Matusik1, Mark C Adams1, John W Brock III1 and John C Pope IV1
1Division of Pediatric Urology, Vanderbilt Children's Hospital, Nashville, TN and 2Department of Pathology, Vanderbilt Medical Center, Nashville, TN.

POSTERS – AAP CLINICAL RESEARCH

29) THE NORMAL URINARY PROTEOME PROFILE VARIES BY AGE DURING THE FIRST YEAR OF LIFE.
Hrair-George O Mesrobian, MD, MSc1, Cheryl A Kaucic1 and Bassam T Wakim2
1Pediatric Urology, Medical College and Children's Hospital of Wisconsin and 2Biochemistry, Medical College of Wisconsin, Milwaukee, WI.

30) THE REFLUXING URETERAL REIMPLANT: AN IDEAL METHOD FOR AVOIDING CUTANEOUS URETEROSTOMY IN CASES OF OBSTRUCTED MEGAURETER.
Martin Kaefer, MD
Pediatric Urology, Indiana University Medical School, Indianapolis, IN.

31) CHILDREN WITH MODERATE PRENATAL HYDRONEPHROSIS REQUIRE CLOSE POSTNATAL FOLLOW–UP.
Patricio C Gargollo, MD, Drew A Freilich, Andres Silva, Carlo C Passerotti, Alan B Retik and Hiep T Nguyen
Department of Urology, Children's Hospital Boston, Boston, MA.

32) EVALUATION OF THE RENAL SIZE IN CHILDREN WITH MYELOMENINGOCELE.
Piotr Czarniak, PhD, MD, Magdalena Drozynska-Duklas, Michal Maternik and Aleksandra Zurowska
Department of Paediatric and Adolescent Nephrology and Hypertension, Medical University of Gdansk, Gdansk, Poland.
33) **DETERMINANTS OF SUCCESS AND FAILURE FOR SEROMUSCULAR COLOCYSTOPLASTY LINED WITH UROTHELIUM.**

*Barbara M Ludwikowski, MD¹, Ricardo Gonzalez² and Maya Horst³*

¹Pediatric Surgery, Paracelsus Medical University/Landesklinikum Salzburg, Salzburg, Austria; ²Surgery/Urology, Thomas Jefferson University/A. I. duPont Hospital for Children, Wilmington, DE and ³Pediatric Surgery/Urology, Kinderspital University of Zurich, Zurich, Switzerland.

34) **EARLY HYPOSPADIAS SURGERY: REDUCING THE CORTICAL SCAR.**

*Brendan C Jones¹, Mike O'Brien², Janet Chase³, Bridget Southwell³ and John M Hutson²,³,⁴*

¹School of Medicine, University of Melbourne, Parkville, Melbourne, Victoria, Australia; ²Department of Urology, Royal Children's Hospital, Parkville, Melbourne, Victoria, Australia; ³F. Douglas Stephens Surgical Research Laboratory, Murdoch Children's Research Institute, Parkville, Melbourne, Victoria, Australia and ⁴Department of Paediatrics, University of Melbourne, Parkville, Melbourne, Victoria, Australia.

35) **AN EASIER WAY TO CORRECT WEBBED PENIS.**

*Yoshifumi Sugita, MD¹, Katsuhiko Ueoka², Shizuko Takagi¹, Eiji Hisamatsu¹, Kaoru Yoshino³ and Saburo Tanikaze³*

¹Department of Urology, Kobe Children's Hospital, Kobe, Japan; ²Department of Urology, National Center for Child Medical Health and Development, Tokyo, Japan and ³Department of Urology, Aichi Children's Health and Medical Center, Obu, Japan.

36) **BRACKA OPERATION WITH BUCCAL MUCOSA GRAFT FOR RE-DO HYPOSPADIAS REPAIR.**

*Katsuhiko Ueoka, MD*

Pediatric Urology, National Children's Medical Center, Tokyo, Japan.

37) **ORAL MUCOSA GRAFT FOR THE REPAIR OF HYPOSPADIAS: LONG TERM RESULTS.**

*Anju Goyal, FRCS, Michael VA Singh and Alan P Dickson*

Department of Paediatric Urology, Royal Manchester Children Hospital, Manchester, England, United Kingdom.

38) **CORPORAL BODY GRAFTING USING BUCCAL MUCOSA IN POSTERIOR HYPOSPADIAS WITH SEVERE CURVATURE: A PROSPECTIVE STUDY.**

*Ibrahim A Mokhless, Mohamed E Youssif, Samir S Orabi and Moftah Henish*

Pediatric Urology Unit, Urology Department, Alexandria university, Alexandria, Egypt.

39) **THE PHYSICS OF TROCAR INSERTION: WHICH ACCESS SYSTEMS ARE SAFE FOR USE IN PEDIATRIC LAPAROSCOPY.**

*Carlo C Passerotti, MD, PhD, Nikolai D Begg, Ana Maria AMS Passerotti, Alan B Retik and Hiep T Nguyen*

Urology, Children's Hospital Boston, Harvard Medical School, Boston, MA.

40) **THE USE OF THE SALLE INTRAOPERATIVE PYELOPLASTY STENT® REVISITED: INVERTED SUPRAPUBIC INSERTION FACILITATES LAPAROSCOPIC AND RETROPERITONEOSCOPIC PYELOPLASTIES.**

*Diego Barrieras, MD, Julie Franc—Guimond and Anne—Marie Houle*

Department of Surgery, Urology Division, CHU Sainte—Justine, Montréal, QC, Canada.

41) **PERCUTANEOUS MANAGEMENT OF CALYCEAL DIVERTICULI IN CHILDREN.**

*Martin Kaefer, MD, FAAP¹, Larry Munch² and James Lingeman²*
42) **ENDOSCOPIC MANAGEMENT OF PAEDIATRIC URETERIC CALCULI BY HOLMIUM:YAG LASER LITHOTRIPSY.**

Ijaz Hussain FCPS, FRCS, Sajid Sultan, Bashir Ahmed, Sadaf Aba Umer, Sherjeel Saulat, Aamir Mehmood, Raees Taqvi, S Anwar Naqvi and SAH Rizvi

Pediatric Urology, Sindh Institute of Urology and Transplantation, Karachi, Sindh, Pakistan.

43) **INTRACTABLE HEMORRHAGIC CYSTITIS (HC) AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATION (HSCT): A ROLE FOR EARLY URINARY DIVERSION?**

Stephen J Lukasewycz, MD, Angela R Smith, Margaret L Macmillan and Aseem R Shukla

Division of Pediatric Urology, University of Minnesota, Minneapolis, MN and Blood and Marrow Transplant Program, University of Minnesota, Minneapolis, MN.

44) **CONTEMPORARY EPIDEMIOLOGY AND CHARACTERIZATION OF NEWBORN MALES WITH DIAGNOSIS OF PRUNE BELLY SYNDROME.**

Caleb P Nelson, MD, MPH and Alan B Retik

Urology, Children's Hospital Boston, Boston, MA.

45) **THE RELATIONSHIP BETWEEN CLINICAL PRESENTATION AND URACHAL REMNANT PATHOLOGY: IMPLICATIONS FOR TREATMENT.**

Hillary L Copp, MD, Ilene Y Wong, Chandra Krishnan, Sameer Malhotra and William A Kennedy

Urology, Stanford, Stanford, CA and Pathology, Stanford, Stanford, CA.

46) **LONG-TERM OUTCOMES OF RENAL TRANSPLANTATION IN CHILDREN WITH AUGMENTED BLADDER.**


Urologia, Hospital Pequeno Príncipe, Curitiba, Paraná, Brazil.

47) **NATURAL HISTORY OF URODYNAMIC ABNORMALITY OF EARLY INFANCY WITH HIGH GRADE PRIMARY VESICOURETERAL REFLUX: FOLLOW UP TO EARLY CHILDHOOD.**

Biji Sreedhar MSc, PhD, Chung Kwong Yeung and Sujit K Chowdhary

Surgery, Div. Paediatric Surgery & Paediatric Urology, Chinese University of Hong Kong, Shatin, Hong Kong SAR, China.

48) **RELATIONSHIP BETWEEN RENAL PARENCHYMA DAMAGE IN YOUNG INFANTS WITH DILATING PRIMARY VESICOURETERIC REFLUX AND DETRUSOR PRESSURE AT WHICH REFLUX OCCURS.**

Miguel L Podesta, MD and Roberto Castera

Urology Unit, Department of Surgery, Hospital de Ninos Ricardo Gutierrez, Buenos Aires, Argentina.

49) **ABNORMAL DIMERCAPTO-SUCCINIC ACID SCAN IS A PREDICTIVE FACTOR OF BREAKTHROUGH URINARY TRACT INFECTION IN CHILDREN WITH PRIMARY VESICOURETERAL REFLUX.**

Michiko Nakamura, MD, Takahiko Mitsui, Kimihiko Moriya, Hiroshi Tanaka and Katsuya Nonomura
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Department of Urology, Hokkaido University Graduate School of Medicine, Sapporo, Hokkaido, Japan.

50) QUANTITATIVE ULTRASONOGRAPHIC RENAL PARENCHYMAL AREA CORRELATES WITH RENAL VOLUME AND IDENTIFIES REFLUX NEPHROPATHY.
Ilene Y Wong, MD, Hillary L Copp and Linda D Shortliffe
Urology, Stanford University and Lucille Salter Packard Children's Hospital, Stanford, CA.

51) EVALUATION OF THE PROGNOSTIC IMPACT OF ABNORMAL ULTRASOUND IN CHILDREN WITH VESICOURETERAL REFLUX.
Kenneth G Nepple, MD, Christopher Austin and Christopher S Cooper
Urology, University of Iowa, Iowa City, IA.

52) IS DEXTRANOMER HYALURONIC ACID CO−POLYMER (DX/HA) IMPLANTATION A REASONABLE TREATMENT OPTION FOR LOW GRADE VESICOURETERAL REFLUX IN ASSOCIATION WITH OVERACTIVE BLADDER?
Kate H Kraft, MD, Joseph A Molitierno, Jr., Lisa Dewhurst, Christine Geers, Hal C Scherz and Andrew J Kirsch
Department of Urology, Emory University School of Medicine, Atlanta, GA.

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53) DEVELOPING NURSE COMPETENCIES FOR PAEDIATRIC CONTINENCE CARE.
June Rogers MBE RN, RSCN, BAt(Hons), MSC and Sue Thomas
1PromoCon, Disabled Living, Manchester, Greater Manchester, United Kingdom and 2Royal College of Nursing, London, United Kingdom.

54) IS RADIOGRAPHIC IMAGING NEEDED IN THE INITIAL EVALUATION OF CHILDREN WITH LOWER URINARY TRACT DYSFUNCTION?
Elizabeth Jackson, MD, William DeFoor, Nan Tobias, Alfor Lewis, Deepa Chand and Curtis Sheldon
Pediatric Urology, Cincinnati Children's Hospital, Cincinnati, OH.

55) FREE UROFLOW PATTERNS DO NOT RELATE TO OUTCOME OF INCONTINENCE TREATMENT.
An M Bael, MD, PhD1, Hildegard Lax2, Herbert Hirche2 and Jan D van Gool1
1Department of Pediatrics, Pediatric Nephrology, University Hospital Antwerp, University of Antwerp, Antwerp (Edegem), Belgium and 2Institute of Medical Informatics, Biometry and Epidemiology, University of Essen-Duisburg, Essen, Germany.

56) THE ADVANCE MALE SLING SYSTEM® FOR TREATING MODERATE STRESS INCONTINENCE IN BOYS WITH NEUROGENIC BLADDER: INITIAL EXPERIENCE IN 3 BOYS.
Piet Hoebeke, MD, PhD, Karel Everaert and Erik Van Laecke
Urology, Ghent University Hospital, Belgium.

57) TREATMENT OF VESICOURETERAL REFLUX BY COMBINED BLADDER INJECTIONS OF DEXTRANOMER/HYALURONIC ACID COPOLYMER AND BOTULINUM TOXIN IN CHILDREN WITH NEUROGENIC BLADDER.
Giovanni Mosiello, MD1, Maria Letizia Salsano2, Enrico Castelli2, Daniela Camanni1, Maria Luisa Capitanucci1, Maria Paola Pascali1, Antonio Zaccara1 and Mario De Gennaro1
1Urodyamics, NeuroUrology and Spina Bifida Units, Bambino Gesù Children's Hospital, Rome, Italy and 2Neurology and Rehabilitation, Bambino Gesù Children's Hospital, Rome, Italy.
A PROSPECTIVE, DIRECT COMPARISON OF THE EFFECTS OF OXYBUTININ AND TOLTERODINE IN LOW COMPLIANT NEUROGENIC BLADDERS.
Akihiro Kanematsu, MD
Koji Yoshimura
Kazuyoshi Johnin and Osamu Ogawa
1Urology, Kyoto University, Kyoto, Japan and 2Urology, Shiga Medical University, Otsu, Shiga, Japan.

TRANS-URETHRAL INJECTION OF BULKING AGENTS FOR THE TREATMENT OF URINARY INCONTINENCE IN NEUROGENIC BLADDER: EXPERIENCE FROM ABU DHABI.
Mario Patricolo
Department Surgery; Div. Pediatric Surgery, Sheikh Khalifa Medical City, Abu Dhabi, United Arab Emirates.

CALCIUM-PHOSPHORUS MEATBOLISM IN CHILDREN WITH MYELOMENINGOCELE.
Magdalena Drozynska-Duklas, Piotr Czarniak, Michal Maternik and Aleksandra Zuworska
Department of Paediatric and Adolescent Nephrology and Hypertension, Medical University of Gdansk, Poland.

NEUROGENIC BLADDER IN TUBEROUS SCLEROSIS COMPLEX: REALLY A NEW CLINICAL ENTITY?
Giovanni Mosiello, MD, Maria Paola Pascali, Lucia Baldassarre, Giuseppe Fariello, Paolo Palma, Daniela Camanni, Maria Luisa Capitanucci, Antonio Zaccara and Mario De Gennaro
1Urodyamics and NeuroUrology, Bambino Gesù Children's Hospital, Rome, Italy; 2Neurology, Bambino Gesù Children's Hospital, Rome, Italy; 3Radiology, Bambino Gesù Children's Hospital, Rome, Italy and 4NeuroSurgery, Bambino Gesù Children's Hospital, Italy.

ADEQUACY OF SANITIZATION AND STORAGE OF CATHETERS FOR INTERMITTANT USE.
Justine M Schober, MD
Jennifer Chan, Ruth Fried and Timothy Cooney
1Urology, Hamot Medical Center, Erie, PA and 2Medical School, Lake Erie College of Osteopathic Medicine, Erie, PA.

APPLICATION OF INTRAVESICAL INJECTION OF BOTULINUM TOXIN A IN PEDIATRIC UROLOGY.
Maria Schimke, MD
Müllnerhauptstrasse 48 Pediatric Surgery, Privat Medical University Salzburger Landeskliniken Salzburg, Salzburg, Austria.

TAMSULOSIN'S EFFECT ON SYSTEMIC BLOOD PRESSURE AND NON-NEUROGENIC VOIDING DYSFUNCTION IN CHILDREN.
Brian A Vander Brink, MD
Jordan Gitlin and Lane S Palmer
Pediatric Urology, Schneider Children's Hospital of the North Shore-Long Island Jewish Health System, New Hyde Park, NY.

OUTCOME OF BLADDER NECK PROCEDURES AFTER FAILED ENDOSCOPIC INJECTIONS OF DEXTRANOMER BASED IMPLANTS (DEFLUX) FOR INCONTINENCE IN CHILDREN.
Ilona Alova, MD, Marc M Margaryan, Michelle Bernuy, Stephen Lortat-Jacob, Yves Aigrain and Henri B Lottmann
1Pediatric Surgery, Necker Enfants Malades Hospital, Paris, France and 2Pediatric Urology, Foundation Ellen Poidatz, Saint Fargeau Ponthierry, France.
66) **EFFECT OF SUPRAPUBIC BLADDER NECK INJECTION WITH POLYDIMETHYLSILOXANE IN PEDIATRIC INCONTINENCE.**

_Sang Won Han, MD, PhD_

134 Shinchondong, Seodaemungu Department of Urology Yonsei University College of Medicine Seoul, Korea.

67) **THE EFFECT OF METHYLPHENIDATE ON NOCTURNAL URINE OUTPUT IN CHILDREN WITH ATTENTION–DEFICIT/HYPERACTIVITY DISORDER.**

_Dieter Baeyens, PhD<sup>1,2</sup>, Charlotte Van Herzeel<sup>2</sup>, Herbert Roeyers<sup>2</sup>, Ann Raes<sup>1</sup>, Piet Hoebeke<sup>1</sup> and Johan Vande Walle<sup>1</sup>

<sup>1</sup>Pediatric Uro/Nephrologic Center, Ghent University Hospital, Ghent, Belgium and <sup>2</sup>Research Group Developmental Disorders, Ghent University, Ghent, Belgium.

68) **CORRELATION BETWEEN FREE UROFLOW PATTERN AND UROFLOW PATTERN AT URODYNAMIC INVESTIGATION IN CHILDREN WITH NON–NEUROPATHIC BLADDER SPHINCTER DYSFUNCTION.**

_An M Bael, MD, PhD<sup>1</sup>, Hildegard Lax<sup>2</sup>, Herbert Hirche<sup>2</sup> and Jan D van Gool<sup>1</sup>

<sup>1</sup>Department of Pediatrics, Pediatric Nephrology, University Hospital Antwerp, University of Antwerp, Antwerp (Edegem), Belgium and <sup>2</sup>Institute for Medical Informatics, Biometry and Epidemiology, University of Essen-Duisburg, Essen, Germany.

69) **URODYNAMIC PREDICTORS FOR SUCCESS OF SURGICAL MEATUS CORRECTION FOR ANTERIOR DEVIATED URINARY STREAM IN GIRLS WITH DYSFUNCTIONAL VOIDING.**

_Apart J Kiln, MD, Deirdre M Bochove–Overgaauw, Esther T Kok and Tom PVM de Jong_

Pediatric Urology, UMC Utrecht, Utrecht, The Netherlands.

70) **IS NOCTURNAL BLOOD PRESSURE A POSSIBLE PATHOPHYSIOLOGICAL FACTOR BEHIND WET NIGHTS IN NOCTURNAL ENURESIS?**

_Anne Kruse<sup>1</sup>, Birgitte Mahler<sup>1</sup>, Soren Rittig<sup>2</sup> and Jens Christian Djurhuus<sup>1</sup>

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71) **ENURESIS IS A COMMON AND PERSISTENT PROBLEM AMONG CHILDREN AND YOUNG ADULTS WITH SICKLE CELL ANEMIA.**

_Joshua J Field, MD<sup>2</sup>, Paul F Austin<sup>2</sup>, Ping An<sup>3</sup>, Yan Yan<sup>2</sup> and Michael R DeBaun<sup>4</sup>

<sup>1</sup>Internal Medicine, Washington University; <sup>2</sup>Urology, Washington University; <sup>3</sup>Genetics, Washington University and <sup>4</sup>Pediatrics, Biostatistics and Neurology, Washington University, St Louis Children's Hospital, St Louis, MO.

72) **ENURESIS AND ATTENTION–DEFICIT/HYPERACTIVITY DISORDER: CO–OCCURRENCE OR CO–MORBIDITY?**

_Dieter Baeyens, PhD<sup>1,2</sup>, Britt Vereecke<sup>1</sup>, Herbert Roeyers<sup>1</sup>, Charlotte Van Herzeel<sup>1</sup>, Piet Hoebeke<sup>2</sup> and Johan Vande Walle<sup>2</sup>

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73) **ENURESIS AND CAFFEINE CONSUMPTION.**

_William J Warzak, PhD, Shelby Evans, Margaret T Floress and Sharon Stoolman_

Department of Pediatrics, University of Nebraska Medical Center, Omaha, NE.

74) **SECOND THERAPIES FOR CASES WHICH SHOW RESISTANCE TO AN ALARM AND DESMOPRESSIN THERAPY.**

_Yasuyuki Naitoh, MD, PhD, Akihiro Kawauchi, Jintetsu Soh and Tsuneharu Miki_
75) VOIDING URODYNAMIC ASSESSMENT FOR CONGENITAL URETHRAL OBSTRUCTION IN BOYS WITH REFRACTORY ENURESIS.
Hideo Nakai, MD¹, Shigeru Nakamura, MD¹, Ken’ichi Mori, MD², Toshiharu Kihara, MD², Kosaku Yasuda, MD²
¹Urology, Children’s Medical Center, Jichi Medical University, Tochigi, Japan and ²Urology, Dokkyo Medical University, Saitama, Japan.

76) CENTRAL NERVOUS SYSTEM PROCESSING OF EMOTIONS IN CHILDREN WITH ENURESIS AND ADHD.
Diana El Khatib, Anna Schneider, Matthias Rubly and Alexander von Gontard
Department of Child and Adolescent Psychiatry, Saarland University Hospital, Homburg, Germany.