

CURRICULUM VITAE

Andrew Jared Kirsch, M.D.

Updated 1/6/12

UNDERGRADUATE EDUCATION:

1980 - 1984: Union College, Schenectady, New York, B.S. (Biology).

MEDICAL EDUCATION:

1986 - 1990: SUNY Health Science Center at Brooklyn, New York, M.D.

POST-GRADUATE EDUCATION:

1990 - 1992: Resident in Surgery
Department of Surgery
Columbia University, College of Physicians & Surgeons, New York

1992 - 1996: Resident in Urology
Department of Urology, J. Bentley Squire Urological Clinic
Columbia University, College of Physicians & Surgeons, New York

1996 - 1998 Fellow in Pediatric Urology
Division of Pediatric Urology
Children's Hospital of Philadelphia
University of Pennsylvania School of Medicine

CERTIFICATION:

2000 American Board of Urology, Diplomate

ACADEMIC APPOINTMENTS:

1997 - 1998 Clinical Instructor in Pediatric Urology
Division of Pediatric Urology
Children's Hospital of Philadelphia
University of Pennsylvania School of Medicine

1998 - 1999 Assistant Clinical Professor of Urology
Emory University School of Medicine

1999 - 2005 Associate Clinical Professor of Urology
Emory University School of Medicine

2005 - Academic Director of Pediatric Urology
Fellowship Director
Clinical Professor of Urology
Emory University School of Medicine

2010- Chief, Division of Pediatric Urology
Department of Urology
Emory University School of Medicine

HOSPITAL COMMITTEES:

- 2011-** Operative Services Peer Review Subcommittee, Ambulatory Surgery Center Children's Healthcare of Atlanta
- 2010-** System Credentials Committee, Children's Healthcare of Atlanta
- 2010-** Co-Chair, Operative Services Peer Review Subcommittee, Children's Healthcare of Atlanta
- 2009-11** Research Advisory Council, CHOA (Director, Paul Spearman, MD)
- 2008-9** Operative Services Peer Review Subcommittee, Children's Healthcare of Atlanta
- 2007-10** Clinical Research Oversight Committee, Children's Healthcare of Atlanta
- 2006-** Curriculum Committee, Emory Dept. of Urology
- 2006-** Curriculum Committee, Division of Pediatric Urology
- 2003-** Clinical Operations Committee for Children's Surgery Center

ADVISORY BOARDS

- Oceana Therapeutics, New Jersey
- Atlanta Pediatric Device Consortium
- Sophie's Voice Foundation (Spina Bifida Research)

ACADEMIC and NATIONAL LEADERSHIP POSITIONS:

- 2011** Secretary-Treasurer, Georgia Urology
- 2011** Member, Clinical Science Prize Committee, American Academy of Pediatrics, Section of Urology
- 2010** Program Director, American Academy of Pediatrics, Section of Urology
- 2010** Chair, Clinical and Basic Science Prize Committee, American Academy of Pediatrics, Section of Urology
- 2010** Board of Directors, Sophie's Voice Foundation (Spina Bifida)
- 2009** American Urological Association, Society for Pediatric Urology Clinical Prize Committee, 2009
- 2009** Member, Clinical Science Prize Committee, American Academy of Pediatrics, Section of Urology
- 2009-2010** Prenatal Hydronephrosis Consensus Statement of Society for Fetal Urology, Committee Member
- 2007-2008** President, Georgia Urology
- 2007-2010** Executive Committee Member, American Academy of Pediatrics, Section of Urology
- 2006-2007** Immediate Past President, Society for Fetal Urology
- 2005-2006** President, Society for Fetal Urology
- 2005-** Director, International Symposium on UTI and Antibiotic Resistance
- 2004-2005** President-Elect, Society for Fetal Urology
- 2003-** Membership Liaison to American Academy of Pediatrics, Section of Urology
- 2001-2003** Representative, Advisory Council for Pediatric Urology to the American Board of Urology
- 2001-2003** Coordinating Council of AAP/SPU, SFU Representative to the American Board of Urology
- 2000-** Secretary-Treasurer, Executive Committee, Society for Fetal Urology
- 1999** American Urological Association, Society for Pediatric Urology Research Prize Committee
- 1998-** Academic Fellowship Program Director, Division of Pediatric Urology, Emory University School of Medicine

1998- Research Director, Division of Pediatric Urology, Emory University
1998- Medical Director of Clinical Research, Georgia Pediatric Urology
1998- Director, The HAWK Center - Continence Center for Children

EDUCATIONAL COURSES:

Medical Director, Bowel and Bladder Seminar, Spina Bifida Association of Georgia, March 2008
Director, Fellows Training Course, Endoscopic Injection Workshop, 2002-present
Director, Endoscopic Reflux Injection Academy, 2002 - present
AUA Pediatric Urology Review Course Faculty, 2008
Lecturer, Webinar, Management of Urinary Tract Infection: The Dangers of Watch and Wait, When Standard Treatment Fails: What are the Options?, August, 2011
Lecturer, Live Seminar, To Refer or Not to Refer: Managing Febrile UTI in Children. Imaging Strategy following a first Febrile UTI in Infants and Children, Boston, October, 2011

RESEARCH EXPERIENCE:

Pre-Clinical Animal Studies:

1983: *University of New Mexico School of Medicine, Department of Immunology.* "Depressed T-Lymphocyte Migration in Patients with Malignancy". (Dennis E. Van Epps, Ph.D.).

1984-85: *Veterans Administration Medical Center, Northport, New York, Department of Surgery.* "A Comparison of Carbohydrate and Fat Ratios as Caloric Sources During TPN in a Burn Model". (Advisor: Harry S. Soroff, M.D., Chairman, Department of Surgery).

1987: *SUNY Health Science Center at Brooklyn, New York, Department of Surgery.* "The Effects of Pentostatin on the Rat Heterotopic Heart Transplant Model". (Bernard M. Jaffe, M.D., Chairman, Department of Surgery).

1988-89: *SUNY Health Science Center at Brooklyn, New York, Department of Surgery.* "Intestinal Adaptation in Denervated Rat Small Bowel Segments" & "Intestinal Adaptation of Jejunal Iso- and Allografts in Cyclosporine Treated Rats". (Advisor: Bernard M. Jaffe, M.D., Chairman, Department of Surgery).

1991-96: *Columbia University College of Physicians & Surgeons, New York, Department of Urology.* "Laser Tissue Welding in Reconstructive Urologic Surgery". "The Pathophysiology and Molecular Biology of Renal Injury from Raised Abdominal Pressure during Abdominal Insufflation". (Terry W. Hensle, M.D., Carl A. Olsson, M.D.)

1996-98: *University of Pennsylvania, The Children's Hospital of Philadelphia, Department of Pediatric Surgery, Division of Pediatric Urology.* "Laser Tissue Soldering in Urologic Reconstruction and Wound Healing" and "Partial Bladder Outlet Obstruction in the Fetal Lamb Model". (Edward Macarak, Ph.D, John W. Duckett, M.D., N. Scott Adzick, M.D.)

2000- *Emory University School of Medicine.* “Gluteraldehyde Cross-linked Albumin for the Treatment of Urinary Incontinence” (Andrew J. Kirsch, M.D., Principal Investigator, Pig Model).

Clinical Trials (Approved IRB submissions)

1998-2000 *Scottish Rite Children’s Medical Center and Egleston Children’s Hospital, Emory University School of Medicine.* “Laser Tissue Soldering in Urologic Reconstruction” (Andrew J. Kirsch, M.D., Principal Investigator).

1998-2000 *Scottish Rite Children’s Medical Center and Egleston Children’s Hospital, Georgia Pediatric Urology.* “Mentor Testicular Prosthesis Study” (Andrew J. Kirsch, M.D., Co-Investigator, FDA trial, Mentor).

1999-2000 *Children’s Healthcare of Atlanta, Georgia Pediatric Urology.* “Ciprofloxacin for Children with Complicated Urinary Tract Infections” (Andrew J. Kirsch, M.D., Co-Investigator, Bayer)

2000- present *Children’s Healthcare of Atlanta, Emory University School of Medicine.* “Dynamic Contrast Enhanced MR Imaging of Renal Function in Children: Comparison with Ultrasound and 99mTC-DTPA Scintigraphy in the Evaluation of Obstructive Uropathy” (J. Damien Grattan-Smith, M.D., PI, Andrew J. Kirsch, M.D., Co-Principal Investigator).

2002- present *Children’s Healthcare of Atlanta, Emory University School of Medicine.* “Dynamic Contrast Enhanced MR Imaging of Renal Function in Neonates”. (Andrew J. Kirsch, M.D., Principal Investigator, J. Damien Grattan-Smith, M.D., co-PI., Mallinkrodt)

2001- present *Children’s Healthcare of Atlanta, Emory University School of Medicine.* “Subureteric injection of Deflux (dextranomer cross linked with hyaluronic acid) for the treatment of vesicoureteral reflux, grades II-IV, in children”. (Andrew J. Kirsch, M.D., Principal Investigator, 5 year multi-institutional trial, FDA trial, Q-Med, Uppsala, Sweden)

2000-2002 *Children’s Healthcare of Atlanta, Georgia Pediatric Urology.* “A Phase III clinical trial comparing Ditropan vs. Ditropan XL in patients with spina bifida ” (Andrew J. Kirsch, M.D., Principal Investigator)

2001-2002 *National Kidney Foundation/Aventis Pasteur Grant.* “Biofeedback for Refractory Primary Nocturnal Enuresis.” (Andrew J. Kirsch, M.D., Principal Investigator)

2002-2003 *Children’s Healthcare of Atlanta,* “Dynamic Contrast Enhanced MR Imaging of Renal Function in Children: Comparison with DMSA Scintigraphy in the Evaluation of Renal Scarring, Dysplasia, and Infection” (Andrew J. Kirsch, M.D., Principal Investigator, Mallinckrodt).

2007- Randomized Prospective Evaluation of Skin Adhesive Products

2008- Prenatal Hydronephrosis Registry

2009- Incidence of orchidopexy vs. orchiectomy for testis torsion: A system wide retrospective review

2008- A Randomized Controlled Study Evaluating the use of a Needle Catheter Guide in the Endoscopic Correction of VUR using Dx/HA Co-Polymer (Deflux)

2009- Preservation of Testicular Function following Torsion with a Tunica Vaginalis Flap

2009- Adolescent Testicular Prosthesis Placement at the time of Emergency Orchiectomy

2009- Development of Scar Bother Questionnaire for Adolescent Research

2009- Impact of Open Surgery during Childhood on Body Image of Adolescents and Young Adults

2009- Adrenal Trauma Resulting from Blunt or Penetrating Trauma in Children: Children's Hospital of Atlanta Experience

2009 - Building a Magnetic Resonance Urography Database for Image Analysis

2009- Anomalies of the Urinary and Reproductive Tract in the Pediatric Population

2011- A Multi-Center, Double-Blind, Placebo-Controlled, Dose-Titration Study Evaluating the Efficacy, Safety, Pharmacodynamics and Pharmacokinetics of Oxybutynin Chloride Topical Gel for the Treatment of Detrusor Overactivity Associated with a Neurological Condition in Pediatric Subjects

SCIENTIFIC RESEARCH GRANTS / INDUSTRIAL GRANTS

National Institutes of Health Research Fellowship Award, 1987

National Institutes of Health Research Fellowship Award, 1988

Columbia University Mini-Grant Award, 1994-1995 (\$2,500)

American Foundation for Urologic Disease, 1997-98 (\$25,000)

American Association of Pediatric Urologists, 2002-2003 (\$10,000)

National Kidney Foundation, 2001-2002 (\$10,000)

Pharmacia Fellowship Grant, 2001-2002 (\$60,000)

Q-MED, Scandinavia, Fellowship Grant 2001-2002 (\$5,000)

Mallinckrodt, St. Louis (\$30,000)

American Foundation for Urologic Disease, 2004-2005 (Co-Preceptor for James Elmore, MD, \$30,000)

Uromed Fellowship Grant 2004 (\$70,000)

Children's Healthcare of Atlanta Clinical Research Grant 2004 (\$50,000)

Q-MED, Scandinavia, Fellowship Grant 2006-2007 (\$70,000)

Children's Healthcare of Atlanta Clinical Research Grant 2007 (\$50,000)

HONORS, AWARDS, RECOGNITIONS, OUTSTANDING ACHIEVEMENTS:

* Distinction in Biological Sciences, 1983-1984

* Sigma Xi, Scientific Research Society, associate member, 1984

* Sigma Xi, The Scientific Research Society, full member, 1989

* The New York Academy of Sciences, full member, 1989

* Diplomate, National Board of Medical Examiners, July, 1991

- * Columbia Medical Students' Recognition Award for *The Best Resident-Teacher*, 1990-1991
- * Clinical Trials House Staff Award, Columbia University, 1995
- * Research Mini-Grant Award, Society for Lasers in Medicine and Surgery, 1995
- * First Prize, Presidential Award for *Best Overall Clinical Paper* submitted to the American Society for Laser Medicine and Surgery, 1996
- * Nominee, Board Member-Laser Surgery, American Society for Laser Medicine and Surgery, 1997-2000.
- * AFUD Scholar (American Foundation for Urologic Disease) - Bayer Corporation Research Scholar 1997-1998
- * Specialty Chairman, Tissue Welding section, American Society for Laser Medicine and Surgery, 1998, 1999, 2000
- *MAGPI Society, 1998
- *Finalist, Clinical Research Prize at the American Academy of Pediatrics, 1998
- *First Prize, John Caffey Award for *Best Clinical Research Paper* submitted to the Society for Pediatric Radiology, 2002 ("MRI of the Kidneys: Functional Evaluation Using F-15 Perfusion Imaging"), 2002.
- **Walter Berdon Award for Best Clinical Paper Published in Pediatric Radiology 2003*: "MR Imaging of Kidneys: Functional Evaluation Using F-15 Perfusion Imaging"
- * First Prize, John Caffey Award for *Best Clinical Research Paper* submitted to the Society for Pediatric Radiology, 2004 ("MR Urography in Children: Determination of GFR), 2004.
- *Best Manuscript of the Year in Radiology" (MRI), 2004
- *Gold Cystoscope Award, Nominee 2005
- *Master Teacher in Urology, Presented by Downstate Medical School Alumni Association, Brooklyn, NY, 2006
- *Master Instructor for Endoscopic Correction of Reflux, Q-Med, Scandinavia, 2003-
- * Best Presentation, Society for Fetal Urology, Atlanta, May 20, 2006
- **Finalist, Clinical Research Prize at the American Academy of Pediatrics, 2006 ("Sutureless Circumcision with Dermabond")
- *Listed in *Best Doctors in America, 2007*
- *First Prize, John Caffey Award for *Best Clinical Research Paper* submitted to the Society for Pediatric Radiology, ("MRU of the Kidneys: Evaluation of Kidney Function"), 2007.
- *Listed in *Guide to America's Top Urologists, 2007*
- *Marquis *Who's Who in America, 2006*
- *Best Doctors in America 2007-2008
- *Top 10 cited papers (2006-2008) published in *Journal of Pediatric Urology* (Injection therapy: Advancing the treatment of vesicoureteral reflux. *Journal of Pediatric Urology, Volume 2, Issue 6 (2006), Pages 539-544.*
- **Medscape Reuters Medical Science – Most read article in Urology (2010) – "Superglue Circumcision: Faster, Better, Cheaper".*
- *Cambridge *Who's Who among Research, Medicine and Healthcare 2011*
- *Best Doctors in America 2011-2012

PATENTS

Catheter Needle Guide U.S. Patent Application No. 11/065,310, 2005
International Application No PCT US/2006/006486, 2006

TEACHING:

Emory Residents, PGY-3 and PGY-5, teaching rounds (daily)

Pediatric Urology Fellows, Clinical and Basic Science

Conferences: Emory Grand Rounds (weekly), Pediatric Urology Conference (weekly), Maternal-Fetal Medicine Conference (monthly), Journal Club (monthly)

Pediatric Urology Fellow's Symposium, Vesicoureteral Reflux, 3 Day Annual Meeting, Denver, CO

National Training Center for the Endoscopic Treatment of Reflux (Pediatric Urologists, every 2 months)

PEDIATRIC UROLOGY TRAINEES

1. Scott Berkman, MD, Phoenix, Arizona (1 publication)
2. John Gatti, MD, Kansas City, MS (14)
3. Luis Baez, San Juan, Puerto Rico (2)
4. Erica Schalow, Tampa, Florida (3)
5. Marcos Perez Brayfield, San Juan, Puerto Rico (23)
6. Adam Baseman, MD, Dallas, TX (3)
7. Lt. Col. Leah McMann, MD, Hawaii (3)
8. James Elmore, MD, Atlanta, GA (12)
9. Joseph Moliterno, MD, Charlotte, NC (7)
10. Wolfgang Cerwinka, MD, Atlanta, GA (11)
11. Jonathan Kaye, MD, Fort Worth, TX (18)
12. Jon Kalisvaart, MD, Irvine, CA (9)
13. Lt. Scott Cuda, MD, Tacoma, WA (7)
14. Arun Srinivasan, MD, Great Neck, NY
15. Laura Stansell, MD, Philadelphia, PA
16. Angela Arlen, MD, Iowa City, IA (future)

EDITORSHIPS

Subspecialty Editor, Society for Fetal Urology

Journal of Urology

Active Journal Reviewer

Journal of Urology, Urology, Lasers in Surgery and Medicine, Pediatrics, J. Pediatric Urology, British Journal of Urology, Journal of Laparoendoscopic & Advanced Surgical Techniques, Advances in Urology

Guest Editor

Dialogues in Pediatric Urology

Editor

The Society for Fetal Urology Newsletter

Contributing Reviewer

F1000 Medicine

Editorial Board

PEDS magazine

Editorial Board

Pediatric Surgery International

NATIONAL/INTERNATIONAL SCIENTIFIC PRESENTATIONS:

New York Transplantation Society, New York, NY, March 1, 1989

**The Short- and Long-term Absorptive Capacity of Transplanted Rat Small Intestine*

National Student Research Forum, Galveston, Texas, April 13, 1989

**The Adaptive Ability of Transplanted Rat Small Intestine*

The International Symposium on Small Bowel Transplantation, London, England, October 11-13, 1989.

**The Adaptive Ability of Transplanted Rat Small Intestine in a Short Gut Model*

SPIE, Biomedical Optics Society, Los Angeles, California, January 16, 1993

**Results of Laser Tissue Soldering in Extravesical Ureteral Reimplantation*

American Urological Association, San Antonio, Texas, May 18, 1993

**Preliminary Results of Laser Tissue Welding in Extravesical Reimplantation of the Ureters (highlight at plenary session)*

American Society for Laser Medicine and Surgery, Toronto, Canada, April 10, 1994

**Intraoperative Results of Full-Tubed Skin Graft Urethroplasty using Diode Laser Welding with Albumin-Based Solder*

Ferdinand C. Valentine Resident's Essay Contest, New York, NY, April 13, 1994

**Molecular and Pathophysiologic Effects of Pneumoperitoneum in the Rat*

American Urological Association, San Francisco, California, May, 1994

**Increased Intra-Abdominal Pressure Causes Oliguria and Renal Apoptosis Secondary to Vascular Compromise in the Rat Pneumoperitoneum Model (highlight at plenary session)*

**Rabbit Bladder Mucosa Patch Graft Urethroplasty using Diode Laser Tissue Welding and Albumin-Based Solder*

The New York Section, American Urologic Association, 2nd Annual Urologic Seminar Weekend, Rye Brook, NY, June 24-26, 1994

**Laser Tissue Welding (invited speaker)*

American College of Surgeons. Surgical Forum, Chicago, Illinois, October 13, 1994

**Renal Dysfunction and Tubular Apoptosis in a Rat Pneumoperitoneum Model*

American Academy of Pediatrics, Dallas, Texas, October 22-24, 1994

**Surgical Correction of Penile Curvature using Laser-Welded Patch Grafts*

**Bladder Neck Closure in Association with Continent Urinary Diversion*

American Society for Laser Medicine and Surgery, San Diego, Calif., April 1, 1995

**Clinical Diode Laser Tissue Welding Using Albumin-Based Solder in Urologic Reconstruction*

Society for Urology and Engineering, Las Vegas, Nevada, April 22, 1995

**Urologic Reconstruction using the Diode Laser and Human Protein Solder*

American Urological Association, Las Vegas, Nevada, April 24, 1995

**Results of a Clinical Trial Using Diode Laser Tissue Welding in Urinary Tract Reconstruction*

American Academy of Pediatrics, San Francisco, Calif., October, 1995

**Bowel Reservoirs Created with Absorbable Staples in Children*

**Ureteral Reimplantation: Intravesical Versus Extravesical Approaches*

Society for Urology and Engineering, Orlando, Florida, May, 1996

**Laser Tissue Welding in Urinary Tract Reconstruction: Experimental and Clinical Results*

American Urological Association, Orlando, Florida, May 6, 1996

**Laser Tissue Welding Technique and Follow-up in Children with Hypospadias*

American Society for Laser Medicine and Surgery, Orlando, Florida, April 14, 1996

**Laser Tissue Welding in Children with Hypospadias*

American Society for Laser Medicine and Surgery, Phoenix, Arizona, April 3-5, 1997

**Skin Flap Closure by Dermal Laser Welding: A Wound Healing Model*

**Laser Welding: State of the Art and Clinical Applications (invited)*

SPIE, Biomedical Optics Society, January 25, 1998

**Hypospadias repair using laser tissue soldering: Preliminary results of a prospective randomized study*

**Optimal solder and power density for diode laser tissue soldering*

American Society for Laser Medicine and Surgery, San Diego, California, April 3-6, 1998

**Optimal Solder and Power Density for Laser Tissue Soldering*

**Comparison of Epithelial and Dermal Approaches to Laser Tissue Soldering for Skin Flap Closure*

**Preliminary Results of a Randomized Trial of Laser Soldering for Hypospadias Repair in Children*

American Urological Association, San Diego, CA., May 31, 1998

**Bladder and renal effects of partial urethral obstruction in the fetal lamb*

**The effect of acute bladder outlet obstruction on the expression of collagen and elastin in the fetal sheep bladder*

American Academy of Pediatrics, San Francisco, CA., October, 1998

**Preliminary results of a prospective clinical trial of laser tissue soldering for hypospadias repair (finalist for clinical research prize)*

**Sutureless tubularized incised plate urethroplasty using laser tissue soldering (video forum)*

American Urological Association, Dallas, TX, May, 1999

**The outcome of stopping prophylactic antibiotics in older children with persistent vesicoureteral reflux.*

**The etiology of acute urinary retention in children*

American Society for Laser Medicine and Surgery, Reno, Nevada, April, 2000

**Laser hypospadias repair: Long-term results*

American Association of Pediatric Urologists, Las Vegas, Nevada, Jan, 2002

**Gd-MRI for the evaluation of hydronephrosis*

**Deflux for reflux: The Atlanta experience*

National Institutes of Health, Congenital Urinary Tract Obstruction Workshop, Bethesda, MD, March 12, 2002

**MRI evaluation of postnatal hydronephrosis: Comparison with ultrasound and nuclear scintigraphy*

American Urological Association, SFU, Orlando, FL, May 25, 2002

**Antenatal diagnosis of congenital cervical atresia*

**The use of apparent diffusion coefficients during Gd-MR imaging in children*

American Academy of Pediatrics, Boston, MA., October, 2002

**The Results of Nephrectomy for Hypertension in Children"*

Society for Fetal Urology, Boston, MA., October, 2002

**MRI diagnosis of Fetal Horseshoe Kidney with Segmental Renal Dysplasia*

American Urological Association, Chicago, IL, 2003

**Direct Visual Urethrotomy in Children: Results in 50 patients*

**Renal transit time predicts obstruction in Gd-MRI of the kidneys*

**Symptom Score for Dysfunctional Voiding in Children*

American Urological Association, Southeastern Section, Savannah, GA, March, 2003

**Renal transit time predicts obstruction in Gd-MRI of the kidneys: Results in 80 patients*

- *Pyelonephritis in patients with normal urine analyses and fever of unknown origin*
- *Retroperitoneal Laparoscopic Surgery in Children*
- *Clinical results of modified STING procedure using Deflux: The Atlanta experience*
American Urological Association, San Francisco, CA, May, 2004
- *Endoscopic Correction of Stomal Incontinence Using Dx/HA injection*
- *MR Urography in Children: State of the Art*
- *Molecular markers of dilating and non-dilating urinary reflux*
Society for Fetal Urology, San Francisco, CA, May, 2004
- *Hinman Syndrome Associated with Anterior Urethral Diverticulum*
- *Pneumonephrosis of the Infant*
American Academy of Pediatrics, San Francisco, CA October, 2004
- *A Multi-Institutional Series Utilizing PIC Cystography to Identify Occult Vesicoureteral Reflux in Children with Febrile Urinary Tract Infections*
- *Endoscopic Therapy for Vesicoureteral Reflux: A Meta-Analysis.*
- *New Contralateral Vesicoureteral Reflux Following Endoscopic Implantation of Dx/HA: When is Contralateral Treatment Indicated?*
American Urological Association, San Antonio, TX, May, 2005
- *Success of 2nd Endoscopic Treatment of VUR using Deflux*
- *Sonic Hedgehog gene expression in urethral development*
American Urological Association, Atlanta, GA, May, 2006
- *Scrotal incision orchidopexy for undescended testes with or without a patent processus vaginalis*
- *Magnetic Resonance Urography in the management of primary megaureters and ectopic ureters*
- *Dynamic hydrodistention classification of the ureteral orifice is predictive of the severity of VUR and correlates with the presence of febrile UTIs*
- *Deflux for Vesicoureteral Reflux: Beyond the Learning Curve*
- *Endoscopic Treatment of VUR in adolescence and adulthood*
- *PAX gene expression in kidney development and their “re-awakening” in renal cell carcinoma*
- *Long-term volumetric analysis of dextranomer hyaluronic acid copolymer and correlation with results of postoperative voiding cystometrograms*
Society for Fetal Urology, Atlanta, GA, Oct, 2006
- *MRU for cross fused ectopic kidney with ectopic ureter to vagina*
- *True Hermaphroditism: One Ovary and One Torsed Testis*
American Academy of Pediatrics, San Francisco, CA October, 2004
- *SIS corporoplasty for chordee*
- *Sutureless circumcision with Dermabond*
American Urological Association, Anaheim, CA, May, 2007
- *Dynamic Hydrodistention classification of the ureter: Inter- and Intra-observer Variability and Reproducibility”*
American Academy of Pediatrics, Boston, MA October, 2008
- *Dynamic HD of the ureter and treatment of non-refluxing contralateral ureters prevents new onset VUR.*
Society for Fetal Urology, Atlanta, GA, Oct, 2008
- *Ectopic Penis and Scrotum in association with Spina Bifida*
American Urological Association, Chicago, IL, April, 2009
- American Academy of Pediatrics, San Francisco, CA 2010**
- American Urological Association, San Francisco, CA, 2010**
- American Urological Association, Washington, DC, April, 2011**
- *Comparison of Expert and Novice Utilization of a Filiform Tip Side-Exiting Needle*

Guide (INJEKT) for the Treatment of Vesicoureteral Reflux
American Academy of Pediatrics, Boston, MA, October 15, 2011

- *Changing Demographics of Children with Spina Bifida
- *Video Panel: Combined Laparoscopic ACE and Bladder Neck Injection

Society for Fetal Urology, Boston, MA, October 15, 2011

- *Natural history of calyceal diverticulum diagnosed as a renal cyst in the neonatal period
- *Extraordinarily high UDT in association with megaureter in an infant

World Congress on Spina Bifida Research and Care, Las Vegas, NV, March 11, 2012

- *Pediatric augmentation cystoplasty: A single center contemporary experience"

INVITED LECTURES

Columbia University, New York. Dept. of Urology, September 1997

"Posterior Urethral Valves and Fetal Bladder Outlet Obstruction"

University of California, Irvine. Dept. of Urology, December 1997

"Posterior Urethral Valves and Fetal Bladder Outlet Obstruction"

University of Miami, Florida. Dept. of Urology, January 1998

"Laser Tissue Soldering: State of the Art"

Georgia Baptist Medical Center, Atlanta, GA, Dept. of Pediatrics, August 1998

"Enuresis and other Wetting Disorders"

Rockdale Hospital, Conyers, GA, Dept. of Pediatrics, August 1998

"Common Pediatric Scrotal and Inguinal Problems"

Emory University, Georgia. Dept. of Pediatrics, September 1998

"Posterior Urethral Valves and Fetal Bladder Outlet Obstruction"

Emory University, Georgia. Dept. of Neonatology, October 1998

"Posterior Urethral Valves and Fetal Bladder Outlet Obstruction"

Scottish Rite Children's Medical Center, Northpoint, October 1998

"Scrotal, Inguinal, and Urethral Problems in Pediatric Urology" and

"Common Problems in Perinatal Urology"

Georgia Osteopathic Medical Association, Atlanta, GA, November 1998

"Dysfunctional Voiding and Nocturnal Enuresis"

Georgia Baptist Medical Center, Atlanta, GA, Dept. of Family Practice, November 1998

"Common Problems in Pediatric Urology"

Emory University, Georgia, Dept. of Urology, November 1998

"In-Service Review of Pediatric Urology"

Scottish Rite Children's Medical Center, Fayetteville, January, 1999

"Scrotal, Inguinal, and Urethral Problems in Pediatric Urology"

Scottish Rite Children's Medical Center, Atlanta, GA, April, 1999

"Pediatric Urologic Oncology"

Atlanta Medical Center, Atlanta, GA, Dept. of Family Practice, June 1999

"Urinary Tract Infections in Children"

Columbus Medical Center, Columbus, GA, Dept. of Pediatrics, September 1999

"Perinatal Urology"

Fayette Medical Clinic, Fayetteville, GA, September, 1999

"Urinary Tract Infections and Reflux in Children"

Scottish Rite Children's Medical Center, Northpoint, October 1999

"Urinary Tract Infections and Reflux in Children"

Emory University, Dept. of Urology, Atlanta, GA, November 1999

"In-Service Review of Pediatric Urology"
Dekalb Medical Center, Pediatric Grand Rounds, April, 2000
 "Fetal Urology"
Emory University, Dept. of Urology, Atlanta, GA, June 2000
 "Laser Tissue Soldering in Urinary Tract Reconstruction"
Rockdale Hospital, Conyers, GA, Dept. of Pediatrics, July, 2000
 "Urinary Tract Infections and Reflux in Children"
Emory University, Dept. of Urology, Atlanta, GA, November 2000
 "In-Service Review of Pediatric Urology"
Scottish Rite Children's Medical Center, Atlanta, GA, November, 2000
 "Fetal and Neonatal Hydronephrosis"
Columbus Medical Center, Columbus, GA, Dept. of Pediatrics, September 2001
 "Inguinal and Scrotal Abnormalities in Children"
Visiting Professor, Columbia University, New York. Dept. of Urology, Surgery, Pediatrics, November, 2001
 "MRI Urography: Form and Function"
 "Postnatal Management of Antenatally-Detected Hydronephrosis"
Emory University, Dept. of Urology, Atlanta, GA, November 2001
 "In-Service Review of Pediatric Urology"
Scottish Rite Children's Medical Center, Lawrenceville Pediatrics, Atlanta, GA, Nov, 2001
 "The Wet Child"
Scottish Rite Children's Medical Center, Atlanta, GA, November, 2001
 "Endoscopic Treatment of Vesicoureteral Reflux"
Faculty, Georgia Academy of Family Physicians, Atlanta, GA, November, 2001
 "Bedwetting and Dysfunctional Voiding"
Scottish Rite Children's Medical Center, Atlanta, GA, January, 2002
**Advances in Pediatric Urology*
Egleston Children's Hospital, Atlanta, GA, February, 2002
**Pediatric Urology Update*
Children's Healthcare of Atlanta, June, 2002
 "Deflux for Vesicoureteral Reflux"
Faculty, International Workshop of Vesicoureteral Reflux, Dublin, Ireland, Sept 5-6, 2002
 "Endoscopic Treatment of Vesicoureteral Reflux"
Faculty, Denver Children's Hospital, Denver, Colorado, September 20-21, 2002
 "Technique for Endoscopic Treatment of Reflux"
Faculty, American Academy of Pediatrics, Boston, MA., October, 2002 (AAP Course 238F)
 "Rational Approach to Postnatal Management of Congenital Renal Anomalies: What to Tell the Parents"
Faculty, Urology Update, Emory University School of Medicine, Atlanta, GA, Nov, 2002
 "Endoscopic Treatment of Vesicoureteral Reflux"
Faculty, Seminar in Pediatric Urology, University of San Francisco School of Medicine, Feb, 2003
 "Cystoscopic Management of Vesicoureteral Reflux with Deflux: A Paradigm Shift in Management"
Faculty, International Pediatric Endosurgery Group, Los Angeles, CA, March, 2003
 "Injectables for Vesicoureteral Reflux in Children"
Rockdale Hospital, Conyers, GA, Dept. of Pediatrics, January, 2003

“Deflux for Reflux: And Now the Results”
Visiting Professor, Univ of Puerto Rico, Dept of Urology, San Juan, PR, April 6-10, 2003

“Postnatal Evaluation of Fetal Hydronephrosis”
 “Minimally invasive treatment of VUR with Modified STING procedure.”
Faculty, Denver Children’s Hospital, Denver, Colorado, May 16-18, 2002

“Paradigm Shift in the Treatment of Vesicoureteral Reflux”
Visiting Professor, University of Colorado, Dept of Urology, Denver, CO, May 15, 2003

“Gd-MRI for the Evaluation of Hydronephrosis: An Odyssey”
Children’s Healthcare of Atlanta, May 20, 2003

“Continent Reconstruction of the Urinary Tract in Children with Spina Bifida”
Egleston Children’s Hospital, Atlanta, GA, September 3, 2003

“Paradigm Shift in the Treatment of Vesicoureteral Reflux”
British Association of Pediatric Urology, Cambridge, England, September 17-18, 2003

“United State’s Experience with Endoscopic Management of Urinary Reflux”
 “Gd-MRI for the Evaluation of Hydronephrosis: An Odyssey”
Faculty, Int’l Workshop of Vesicoureteric Reflux, Dublin, Ireland, Sept 19-21, 2003

“Endoscopic Treatment of Vesicoureteral Reflux: A Paradigm Shift in the USA”
Egleston Children’s Hospital, Dept of Peds Surgery, Atlanta, GA, March 9, 2004

“Continent Urinary Tract Reconstruction in Children”
Southeastern Section of AUA, Aruba, March, 2004

“Improved Results of Endoscopic Treatment of Reflux with Modified STING Technique”
 “Results of Deflux Implantation for Stomal Incontinence”
 “Immediate Postop VCUG Does Not Predict Success after Deflux Implantation for Reflux”
Society for Pediatric Urology, AUA, San Francisco, CA, May, 2004

“State of the Art Lecture: MRI for Hydronephrosis in Children”
International Forum for the Treatment of Urinary Reflux, Rome, Italy, April, 2004

“The Modified STING Procedure”
Visiting Professor, Dept of Pediatrics, Savannah, GA, April, 2004

“Endoscopic Treatment of Reflux”
Visiting Professor, University of Colorado, Dept of Urology, Denver, May 20, 2004

“Contemporary Management of Reflux”
Visiting Professor, Dept of Pediatrics, Columbus, GA, June, 2004

“Endoscopic Treatment of Reflux”
Invited Lecturer, AUA Plenary Session, San Antonio, TX, May 2005

“Highlights in Pediatric Urology”
Visiting Professor and Surgeon, Dept of Ped Surgery, Madrid, Spain, Oct 2004

“The Kirsch Technique for the Treatment of Vesicoureteral Reflux”
Faculty, American Academy of Pediatrics, San Francisco, CA, October, 2004 (AAP)

“Evolving Management of Urinary Tract Infections in Children”
Faculty, Advances in Urology, Emory University School of Medicine, Atlanta, GA, Dec, 2004

“Minimally invasive treatment of VUR” and “Hydronephrosis/Obstruction: Current standards, future directions”
Visiting Professor and Surgeon, University of Colorado, Dept of Urology, Denver, May 7, 2005

“Contemporary Management of Reflux”
Society for Pediatric Urology, AUA, San Antonio, TX, May, 2005

"Video Forum: The HIT technique for the treatment of Reflux"
Visiting Professor, Distinguished Graduates program, Children's Hospital of Philadelphia, University of Pennsylvania, June, 2005
Visiting Professor, Indiana University School of Medicine, Dept of Urology, September 22, 2005
Faculty, Advances in Urology, Emory University School of Medicine, Atlanta, GA, Dec, 2005
 "Advances in MR Urography"
Faculty, Kidney and Urology Foundation of America, NY Academy of Medicine, NY, December 4, 2005
 "MRU for Reflux, Pyelonephritis and Renal Scarring", "Deflux for Reflux"
Faculty, ICCS Meeting, University of South Florida, Tampa, Florida, March, 2006
 "Endoscopic Treatment of VUR in children with dysfunctional voiding patterns"
 "Endoscopic correction of urinary incontinence in neurogenic bladder dysfunction"
Children's Healthcare of Atlanta at Egleston, Feb 1, 2006
 "MR Urography: State of the Art"
Visiting Professor, Dept of Pediatrics, Columbus, GA, March 30, 2006
 "Pediatric Urology Potpourri"
Children's Healthcare of Atlanta at Scottish Rite, Sept, 2006
 "MR Urography: State of the Art"
John Duckett Meeting, Children's Hospital of Philadelphia, University of Pennsylvania, November, 2006
 "Deflux for Reflux: The first 1000 cases"
Society for Pediatric Urology, Anaheim, CA, AUA, 2007
 "Debate: Endoscopic vs Open Surgery for VUR"
Faculty, AUA Pediatric Review Course, Dallas, TX, March 2008
 "Imaging Technology"
Society of International Urologists (SIU), Santiago, Chile, November, 2008.
 "Conservative Surgery and Long-term results for Pediatric Rhabdomyosarcoma"
Faculty, Advances in Urology, Emory University School of Medicine, Atlanta, GA, Dec, 2008
 "Update on Cryptorchidism"
Faculty, Pediatric Nephrology Seminar XXXVI, University of Miami School of Medicine, Feb. 2009
 "VUR: When and How to Treat"; VUR: Special Situations"
Faculty, Pediatric Nephrology Seminar XXXVII, University of Miami School of Medicine, Feb. 2010
 "How to Diagnose and Manage Postnatal Hydronephrosis"
Children's Healthcare of Atlanta at Egleston, October 26, 2009
 "Common Problems in Pediatric Urology"
Faculty, Advances in Urology, Emory University School of Medicine, Atlanta, GA, Dec, 2009
 "Advances in Injection Therapy for Reflux and Incontinence"
Association of Operating Room Nurses (AORN), Atlanta, GA, April 15, 2010
 "Pediatric Urology Potpourri"
Children's Healthcare of Atlanta at Egleston, December 14, 2010
 "Anomalies of the Foreskin –To Circ or Not to Circ"
Faculty, Advances in Urology, Emory University School of Medicine, Atlanta, GA, Dec, 2010
 "Guidelines for the Management of VUR in Children"
American Academy of Pediatrics, Section of Urology, October 2010

Expert Panel: "Sutureless and Scalpel-Free Circumcision"
Children's Healthcare of Atlanta at Egleston, February 2, 2011
 "UTI and AUA Reflux Guidelines"
American Academy of Pediatrics, Section of Urology, October 2011
 Expert Panel: Alternative methods for creating bladder outlet resistance. "Same Setting Laparoscopic Bladder Neck Injection and Anterograde Colonic Enema"
Visiting Professor, Seattle Children's Hospital, University of Washington, June 8-11, 2011.
 "MR Urography in Pediatric Urology: State of the Art"
 "VUR Index: A New Scoring Model for Prediction of Vesicoureteral Reflux Resolution Based On Initial Clinical Presentation and VCUG"
Visiting Professor, Morgan Stanley Children's Hospital of New York, June 16, 2011
Expert Panelist: American College of Surgeons, October 2011
 "Surgical Approach to Non-Palpable Undescended Testes"
Visiting Professor, Kaiser Permanente National Urology Meeting, October 2011
 "MR Urography in Pediatric Urology: State of the Art"
 "Current management of risk factors in children with UTI and Reflux"
 Expert Panel: "Pediatric Urology, Tips and Tricks"
Roberto Fortuno Lecturer, Puerto Rico Urological Association Meeting, October 1, 2011
 "Deflux for Reflux: 10 year Experience"
 "Paradigm Shift in the Surgical Management of Cryptorchidism"
Expert Panelist: Managing Febrile UTI in Children, Boston, MA, Oct. 17, 2011
 "Imaging strategy for infants and children with a first febrile UTI"
Georgia NAPNAP Meeting, October 2011
 "VUR and UTI Guidelines"
Greater Atlanta Pediatric Meeting, November 2011
 "The AAP UTI Guidelines and the perspective of the AUA"
John W. Duckett Memorial Scientific Meeting, Children's Hospital of Philadelphia, University of Pennsylvania, November, 2011
 "The future of Deflux (Reflux)"
Pediatric Device Workshop & Innovation Competition, Atlanta, GA, November 12, 2011
 "Novel Ambulatory Device with Miniature Pressure Sensor"
Georgia Urological Association Annual Meeting, Lake Oconee, GA, Feb 10-11, 2012
 "Spina Bifida Continuum and Transition Care"
Kaiser Permanente Pediatrics Symposium, Atlanta, GA, March 22, 2012
 "A Rationale Approach to Managing Children with Febrile UTI"
Raymond A. Amoury Visiting Professor at Children's Mercy Hospitals & Clinics, University of Missouri, April 11-12, 2012
 "Vesicoureteral Reflux: Back to the Future"
Expert Panelist: New Horizons in Pediatrics, UTI Guidelines Panel, Atlanta, GA, April 15, 2012
 "How Pediatric Urologists View the New AAP UTI Guidelines"

INTERNATIONAL VISITING PROFESSOR / SURGEON / FACULTY:

Faculty, International Workshop of Vesicoureteral Reflux, Dublin, Ireland, Sept 5-6, 2002. "Endoscopic Treatment of Vesicoureteral Reflux"

Faculty, Int'l Workshop of Vesicoureteral Reflux, Dublin, Ireland, Sept 19-21, 2003
"Endoscopic Treatment of Vesicoureteral Reflux: A Paradigm Shift in the USA"

British Association of Pediatric Urology, Cambridge, England, September 17-18, 2003

"United States' Experience with Endoscopic Management of Urinary Reflux"

"Gd-MRI for the Evaluation of Hydronephrosis: An Odyssey"

International Forum for the Treatment of Urinary Reflux, Rome, Italy, April, 2004

"The Modified STING Procedure"

Visiting Professor and Surgeon, Dept of Ped Surgery, Malaga, Spain, Nov, 2004

"The HIT Technique for the Treatment of Vesicoureteral Reflux" (Presented in Spanish)

Visiting Professor and Surgeon, Uppsala, Sweden, July 4, 2004.

Visiting Professor and Surgeon, Universidad de la Paz, Madrid, Spain, February 18, 2005 "A New Technique for the Treatment of Vesicoureteral Reflux and Stomal incontinence"

Visiting Professor and Surgeon, Uppsala, Sweden, July, 2005.

Visiting Professor and Surgeon, Medizinuniversitat Innsbruck, Austria, October 19-20, 2006

Visiting Professor and Surgeon, Hospital de Montreal pour enfants, Montreal, Canada, February, 2006

Visiting Professor and Surgeon, Hospital for Sick Children, Toronto, Canada, March, 2007

Reflux Symposium, Bruges, Belgium, April, 2007

Visiting Professor, Department of Paediatric Surgery-Paediatric Urology Unit, from Clinica Alemana, Santiago-Chile, April 18-19, 2008

Visiting Professor and Surgeon, Department of Paediatric Surgery-Paediatric Urology Unit, from Clinica Alemana, Santiago-Chile, November 18-23, 2008.

Faculty, International Conference on Vesicoureteral Reflux in Children, Goteborg, Sweden, June 4-6, 2009.

Faculty, Society for Pediatric Surgery, Graz, Austria, June 23-27, 2009

Visiting Professor and Surgeon, Dept of Ped Surgery, Lima, Peru, April 2010

Visiting Professor and Surgeon, Department of Paediatric Surgery-Paediatric Urology Unit, from Clinica Alemana, Santiago-Chile, September 7, 2010.

Iberoamerican Society of Pediatric Urology (SIUP), Cartagena, Colombia, Sept 4-9, 2012.

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Documentary on Spina Bifida, 2009

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PROFESSIONAL ORGANIZATIONS:

- Medical Society of the State of New York
- Sigma Xi, The Scientific Research Society
- New York Academy of Science
- American Urological Association
- New York Section, American Urologic Association
- * American College of Surgeons, Associate
- American Society for Laser Medicine and Surgery
- Society for Fetal Urology, Executive Secretary
- American Academy of Pediatrics, Georgia Section
- American Urological Association, Southeastern Section
- American Association of Pediatric Urologists
- National Kidney Foundation
- Atlanta Urological Society
- Doctors for Patient Care