

## Curriculum Vitae

### Andrew L Freedman, M.D. FAAP

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Los Angeles, CA 90048  
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#### **Education:**

<b>Northwestern University</b> Evanston IL 60601 Honors Program in Medical Education BS in Medicine 6/86	1982-84
<b>Northwestern Univ. Medical School</b> Chicago IL 60611 MD 6/88	1984-88
<b>Department of Surgery/Urology</b> <b>UCLA Center for the Health Sciences</b> Los Angeles, CA 90025 Research Resident 1991-92 Chief Resident in Urology 1993-94	1988-94
<b>Department of Pediatric Urology</b> <b>Children's Hospital of Michigan</b> Detroit, MI 48201 Pediatric Urology Fellow	1994-96

#### **Licensure:**

California	G067938	1989
Michigan	lapsed	1994

#### **Board Certification:**

American Board of Urology	1998, 2006
Certificate of Added Qualification in Pediatric Urology	2008, 2015

#### **Employment:**

<b>Director, Pediatric Urology</b> <b>Minimally Invasive Urology Institute</b> <b>Cedars-Sinai Medical Center</b> Los Angeles, CA 90069	2002-present
<b>Vice Chairman for Pediatric Surgical Services</b> <b>Dept of Surgery</b> <b>Cedars-Sinai Medical Center</b> Los Angeles, CA 90069	2009-present

<b>Shriners Hospital for Crippled Children</b> Los Angeles, CA 90069	1998-present
<b>Pacific Coast Pediatric Urology Medical Group</b> Los Angeles, CA 90095	1997-2002
<b>Assistant Professor</b> <b>Wayne State University Medical School</b>	1996-97
<b>Attending Urologist</b> <b>Children's Hospital of Michigan</b> Detroit, MI 48201	

*Professional Activities*

Academic Promotions and Appointments Council	2017-present
Walter and Shirley Wang Chair in Pediatric Surgery	2015-present
Program Director- Urology Residency	2014-present
Dept of Surgery Executive Committee	2009-present
Director- International Children's Surgical Fund	2009-present
Dept of Surgery Performance Improvement Committee	2005-present
Dept of Pediatrics Performance Improvement Committee	2010-present
Medical Staff Leadership Development Program	2008-2009
MFM search committee	2007
Ped Surgery search committee	2010
Chair- Dept of Pediatrics Outreach Task Force	2012
Urology Center of Excellence	2008-present
Hand Hygiene Task Force	2007-2011
Ethics committee	2009
Maggie Stimpson Award Selection Committee	2010
Pioneers in Medicine Selection Committee	2009
Neonatal-Perinatal Medicine Fellowship- Faculty.	

**Editorial Boards**

Manuscript reviewer-	Journal of Urology
	Journal of Pediatric Urology
	Urology
	Pediatrics
	BioMed Research International

**Professional Memberships:**

American Urological Association- active member  
 Western Section, AUA- active member  
 American Academy of Pediatrics, Section on Urology-Fellow,  
**AAP- Task Force on Circumcision- task force member**  
 Society for Pediatric Urology- active member,  
 Former Assoc. Editor- SPU Newsletter  
 Society for Fetal Urology- member  
 Executive Committee Member- 1997  
 Los Angeles Urological Society  
 National Kidney Foundation- So Cal Chapter-  
**Medical Advisory Board Executive Committee-2006-2007**

**Awards and Honors**

CSMC Golden Apple Award for Excellence in Teaching 2016

Third Place- Clinical Research Prize Essay Contest  
Section on Urology, American Academy of Pediatrics -Oct. 15, 1995

Third Place- 1997 Pediatric Resident/Fellow Essay Contest  
Urology (Gold Journal)- April 1998

### **Research Grants**

The role of TGF- $\beta$ , IGF-1 and SGP-2 in mediating germ cell apoptosis and testicular degeneration in a naturally occurring cryptorchid rat model

PI: Freedman AL & Vates TS

Agency: AFUD/NKF

Status: Approved but unfunded

The use of urinary SGP-2, TGF- $\beta$ , and EGF to predict the presence of urinary tract obstruction with the potential for renal injury in unilateral congenital hydronephrosis.

PI: Freedman AL

Agency: Wayne State University

Status: Awarded \$ 10,000 Interdisciplinary Research Seed Grant

The use of urinary SGP-2, TGF- $\beta$ , and EGF to predict the presence of ureteropelvic junction obstruction with the potential for renal injury in children with unilateral congenital hydronephrosis.

Agency: Children's Hospital of Michigan

Status: closed

### **Clinical Trials:**

A prospective, randomized study to compare ciprofloxacin versus comparative regimens in the treatment of pediatric patients with complicated urinary tract infections or pyelonephritis.

Agency: Bayer

Status: closed

BOTOX® in the Treatment of Urinary Incontinence Due to Neurogenic Detrusor Overactivity in Patients 8 to 17 Years of Age

Agency-Allergan

Status- Active.

A Two-part, Multicenter, Dose-titration Study Evaluating the Efficacy, Safety, Pharmacodynamics, and Pharmacokinetics of Oxybutynin Chloride 10% Gel for the Treatment of Detrusor Overactivity Associated With a Neurological Condition in Pediatric Patients

Agency-Allergan

Status- Active.

### **CME Course Directorships**

"Updates in Pediatrics"- Bakersfield Memorial Hospital, Bakersfield, CA Annually 2005-2016 Inclusive

"Urology Day" Cedars Sinai Medical Center, Los Angeles, CA June 2008

"Pediatric Urology for the Pediatrician"- Cedars Sinai Medical Center, Los Angeles, CA May 7, 2011

"Pediatrics State of the Art"- Cedars Sinai Medical Center, Los Angeles, 2012-18 inclusive

"Pediatric Surgery Conference"- Jan 126, 2013 Beverly Hills CA

***Invited Lectures***

"Neonatal Urology"- Nurse Practitioner Program, UCLA Dept of Nursing May 1993 & May 1994.

"Neonatal Urology"- Nurse Practitioner Program, Wayne State University Dept of Nursing. Sept 1994, Nov 1995, Nov. 1996.

"Pediatric Urinary Tract Infections"- Physician Assistant Program, University of Detroit, May 1995.

"The Fetal Bladder in Obstruction"- The Alan D. Perlmutter Lectureship Symposia Sept. 21, 1995

"Current Concepts/Controversies in the Treatment of Cryptorchidism"-Henry Ford Hospital Pediatric Grand Rounds, May 9, 1996

"Circumcision"-Pediatric Urology Symposium, Birmingham, MI Oct 12, 1996.

"Fetal Urine Electrolytes"- Lecture and roundtable discussion. Society for Fetal Urology, Annual meeting. Boston, Oct 25, 1996.

"Urinary tract infections in children"- Urology Nursing '96, Detroit, MI Nov 14, 1996

"Circumcision" - Urology Nursing '96, Detroit, MI Nov 15, 1996

"Fetal Therapy Update 1997"- Henry Ford Hospital Pediatric Grand Rounds, June 9, 1997

"Fetal Therapy Past, Present, Future"- Torrance Memorial Hospital, Pediatric Grand Rounds, Oct 16, 1997

"Fetal Therapy Past, Present, Future"- Kaiser Sunset Hospital, Urology Grand Rounds, Nov 12, 1997

"Fetal Therapy Past, Present, Future"- Mercy Hospital, Pediatric Grand Rounds, Nov 17, 1997

"Fetal Therapy Past, Present, Future"- Las Robles Hospital, Pediatric Grand Rounds, Dec 4, 1997

"Ureteropelvic Junction Obstruction"- Cedars Sinai Medical Center, Pediatric Case Conference, Dec 9, 1997.

"Fetal Therapy Past, Present, Future"- White Memorial Hospital, Pediatric Grand Rounds, Dec 11, 1997

"In-Utero Fetal Therapy for Obstructive Uropathy"- Community Memorial Hospital of San Buenaventura, February 1998.

"Antenatal Hydronephrosis"- Michigan State University College of Osteopathic Medicine- Urology Consortium, Education Day, BiCounty Hospital, March 18, 1998

"The Neurogenic Bladder"- County of Santa Barbara-Health Care Services, April 20, 1998.

"Circumcision"-Cedars-Sinai Medical Center, Pediatric Case Conference, June 9, 1998

"Fetal Therapy for Obstructive Uropathy"-UCLA CHS, Pediatric Grand Rounds, June 12, 1998.

"Pediatric Urologic Emergencies"- Cedars-Sinai Medical Center, Pediatric Teaching Conference, June 18, 1998

"Antenatal Hydronephrosis"- Henry Mayo Newhall Memorial Hospital, Sept 24, 1998

"Fetal therapy for obstructive uropathy"- 55th Annual Brennemann Memorial Lecture participant. Oct. 2-3, 1998.

"Antenatal Hydronephrosis"- Cedars-Sinai Medical Center- Pediatric Grand Rounds, Oct. 8, 1998.

"Antenatal Hydronephrosis"- Kaiser Foundation Hospital- Pediatric Grand Rounds, Nov 13, 1998.

"Antenatal Hydronephrosis"- Encino- Tarzana Regional Medical Center-Urology Symposium, Jan 29, 1999.

"Pediatric Urology Emergencies"- Harbor-UCLA Medical Center- Pediatric Ground Rounds, Apr. 13, 1999.

"The Wet Child"- Mercy Hospital- Pediatric Grand Rounds, Apr. 19, 1999.

"The Wet Child"-Huntington Memorial Hospital- Pediatric Grand Rounds, Apr. 21, 1999

"Office Challenges in Pediatric Urology"- Los Angeles Pediatric Society-CME Programs, June 5, 1999.

"Antenatal Hydronephrosis"- Grand Rounds Mercy Hospital, San Luis Obispo, Sept 28, 1999.

"Pediatric Urology"- New Approaches in Urological Treatments, Los Angeles CA, Oct 2, 1999.

"Antenatal Hydronephrosis-what have we learned"- Southern California Pediatric Nephrology Association annual meeting. Los Angeles, CA, June 3, 2000.

"Pediatric Laparoscopy" & "Advances in Pediatric Reconstruction"- Squaw Creek Urological Forum, Lake Tahoe, CA, August 10-12, 2000.

"Prenatal hydronephrosis"- Pediatric Grand Rounds, Harbor-UCLA Medical Center, Torrance, CA, September 14, 2000.

"Long-term outcomes of fetal therapy for obstructive uropathy"- James M. Pierce Memorial Lecture, Troy, MI, October 6, 2000.

"Antenatal Hydronephrosis" Cedars-Sinai-St. Francis Maternal Fetal Medicine Conference, Los Angeles, CA.

"Antenatal Hydronephrosis"-The Fetus as Patient Symposium, Los Angeles, CA, April 23, 2003.

"Urology" - Pediatric Surgery Specialties Symposium, 19<sup>th</sup> Annual Ben Kagen Lectureship, Los Angeles, CA June 5, 2003

"Laparoscopy in Pediatric Urology"- Kaiser Permanente Annual Urology Symposium, Carlsbad, CA Oct 18, 2003

"Obstructive Uropathy in the Fetus and Newborn"- Preventing Birth Defects and Infant Mortality, Fifth Annual Conference, Long Beach, CA Jan 20, 2005.

"Antenatal Hydronephrosis", Update in Pediatrics, Bakersfield, CA, June 18, 2005.

"Laparoscopy in Pediatric Urology"- Pediatric Grand Rounds, Cottage Hospital, Santa Barbara, CA May 10, 2006

"Urologic Reconstruction in Prune Belly Syndrome"- Prune Belly Support Network Annual Meeting, Anaheim, CA July 19, 2006

"Update in Childhood Incontinence"- Update in Pediatrics Symposium, Bakersfield Memorial Hospital, Bakersfield CA, Sept 16, 2006

"Laparoscopic Pyeloplasty"- Urology Grand Rounds, Kaiser Sunset Hospital, Los Angeles, CA Sept 19, 2006

"Popular problems of the pediatric penis"- Pediatric Grand Rounds, Torrance Memorial Hospital, Torrance, CA Oct 19, 2006

"Advances in Vesicoureteral Reflux"- Pediatric Grand Rounds, White Memorial Hospital, Los Angeles, CA Nov. 30,2006

"Circumcision- the new safe sex?"- Pediatric Grand Rounds, Cedars Sinai Medical Center, Los Angeles, CA Jan 26, 2007

"Circumcision- the new safe sex?"- Grand Rounds, Los Robles Hospital, Thousand Oaks, CA Jan 26, 2007

"Circumcision- the new safe sex?"- Update in Pediatrics Symposium, Bakersfield Memorial Hospital, Bakersfield CA, June 2, 2007

"The Pediatric Vagina"- Pediatric Grand Rounds, Torrance Memorial Hospital, Torrance, CA Oct 18, 2007

"Prenatal Diagnosis of Kidney Disease" Improving the Quality of Life for Families XII- Improving the Outcome of Pregnancy, LAC-PAC conference, Los Angeles, CA May 29,2008

"Circumcision" LA Free Clinic, Los Angeles, CA Oct 1, 2008

"Adolescent Varicoceles" Urology Grand Rounds, Harbor-UCLA Medical Center, Oct 7, 2010

"Adolescent Varicoceles" Pediatric Grand Rounds, Torrance Memorial Hospital, Torrance, CA March 17, 2011

"Circumcision-what parents need to know"- Pediatric Urology for the Pediatrician, Symposium, Cedars Sinai Medical Center, Los Angeles, CA May 7, 2011

"Popular problems of the pediatric penis"- Pediatric Urology for the Pediatrician, Symposium, Cedars Sinai Medical Center, Los Angeles, CA May 7, 2011

"Renal Transplant in Prune Belly Syndrome" Prune Belly Support Network Annual Meeting, San Diego, CA July 9, 2011

"The Circumcision Decision"- Pediatrics State of the Art, Symposium, Cedars Sinai Medical Center, Los Angeles, CA June 2, 2012

"To VCUG or not VCUG-that is the question"- Pediatric Grand Rounds, Torrance Memorial Hospital, Torrance, CA June 21, 2012

"To VCUG or not VCUG-that is the question"- Update in Pediatrics Symposium, Bakersfield Memorial Hospital, Bakersfield CA, Sept. 29, 2012

"Fetal Therapy for Obstructive Uropathy; A 30-year Retrospective" Lecture presented at Society for Fetal Urology Annual Meeting, New Orleans, Oct. 19, 2012

"AAP Circumcision Guidelines- What do they really say?"- Grand Rounds- Lompoc Regional Medical Center, Lompoc CA April 4,2013

"AAP Circumcision Guidelines- What do they really say?"- Grand Rounds- Providence Holy Cross Medical Center, West Hills CA Oct 15,2013

"Fetal Therapy for Obstructive Uropathy; A 30 year Retrospective" Grand Rounds, Cedars-Sinai Medical Center, Los Angeles, Jan 9, 2014

AAP Circumcision Guidelines- What do they really say?"- Grand Rounds- Citrus Valley Medical Center, West Hills CA Jan 27,2014

"Adolescent and Adult Congenital Urology", Pediatrics State of the Art"- Cedars Sinai Medical Center, Los Angeles, Jun 7, 2014

"Adolescent and Adult Congenital Urology", Urology Grand Rounds- Harbor-UCLA Medical Center, Los Angeles, Dec 4, 2014

"Transitioning the adolescent with urologic disease: what is that stoma? ASN Kidney Week, San Diego, Nov 6, 2015

"What is that stoma?" Nephrology Grand Rounds- Cedars Sinai Medical Center, Los Angeles, March 1, 2016

"The Red Hot Scrotum" The 27<sup>th</sup> annual Southern California AAP postgraduate Pediatric Conference- Universal City, April 16, 2016

"Vesicoureteral reflux". Pediatrics Teaching conference, Cedars Sinai Medical Center April 20, 2016

"The Red Hot Scrotum", Pediatrics Grand Rounds, Torrance Memorial Hospital, Torrance CA May 19, 2016

"The Red Hot Scrotum", Pediatrics Grand Rounds, Pediatric Grand Rounds, Cedars Sinai Medical Center Sept 22, 2016

"Controversies in Pediatric Nephrolithiasis", 74<sup>th</sup> Brennemann Lectures, Los Angeles Pediatric Society, Anaheim CA Sept 9-10, 2017

"Dysfunctional Voiding: understanding childhood incontinence", 74<sup>th</sup> Brennemann Lectures, Los Angeles Pediatric Society, Anaheim CA Sept 9-10, 2017

"The Red Hot scrotum", 74<sup>th</sup> Brennemann Lectures, Los Angeles Pediatric Society, Anaheim CA Sept 9-10, 2017

"Why should I care about reflux", 74<sup>th</sup> Brennemann Lectures, Los Angeles Pediatric Society, Anaheim CA Sept 9-10, 2017

"The neonatal penis" Neonatology Rounds, Cedars Sinai Medical Center Feb 14, 2018

"Red flags in urologic emergencies" What's new in urology: a primer for the primary care provider. Cedars Sinai Medical Center, June 9, 2018

"Thinking like a Urologist/Nephrologist": Pediatric State of the Art Conference, Cedars Sinai Medical Center, Sept 22, 2018

"Fetal Therapy for Obstructive Uropathy: The Betamax of Pediatric Urology," Urology Grand Rounds. Stanford University, Palo Alto CA Dec 4, 2018

"Management of the child with a Neurogenic Bladder," Pediatric Townhall, Shriners Hospital for Crippled Children, Pasadena CA Jan 9, 2019

"Management of the child with a Neurogenic Bladder," MD-RN collaborative conference, Cedars Sinai Medical Center, Feb 20, 2019

"Management of the child with a Neurogenic Bladder," Pediatrics MD-RN collaborative conference, Cedars Sinai Medical Center, Mar 15, 2019

"Congenital Urology" What's new in urology: a primer for the primary care provider. Cedars Sinai Medical Center, April 13, 2019

***Presentations:***

"Development of rat cavernosa smooth muscle cell culture and its response to papaverine." ACS Surgical Forum, Chicago Oct 1988.

"The effect of PDGF on androgen receptor gene expression in smooth muscle cells from the corpora cavernosa of immature and adult rats." So Cal Chap ACS Annual Meeting, Indian Wells, Jan 1992.

"The effect of PDGF on androgen receptor gene expression in smooth muscle cells from the corpora cavernosa of immature and adult rats." Poster AUA Annual Meeting, Washington DC, May 1992.

"The effect of transforming growth factor beta (TGF- $\beta$ ) on androgen receptor mRNA levels in cultured rat corpora cavernosa smooth muscle cells." ACS Surgical Forum, New Orleans, Oct 1992.

"The effect of growth factors on the androgen receptor." Los Angeles Urological Society- Resident essay contest runner-up. Los Angeles, May 1992.

"Sequential fetal urine aspiration in the evaluation of patients with obstructive uropathy." Poster presented at Am Urol Assoc annual meeting. Las Vegas NV, April 1995.

"Smooth muscle development in the distended fetal bladder: Obstructive and non-obstructive." Poster presented at Am Urol Assoc annual meeting. Las Vegas NV, April 1995.

"Renal cell carcinoma in children: The Detroit experience." Poster presented at Eur Soc Ped Urol Toledo Spain April 27-29, 1995.

"Smooth muscle development in the distended fetal bladder: Obstructive and non-obstructive." Poster presented at Eur Soc Ped Urol Toledo Spain April 27-29, 1995.

"Fetal intervention for obstructive uropathy: Urologic outcomes." Presented at Eur Soc Ped Urol Toledo Spain April 27-29, 1995.

"Sequential fetal urine aspiration in the evaluation of patients with obstructive uropathy." Presented at Eur Soc Ped Urol Toledo Spain April 27-29, 1995.

"Evaluating fetal therapy for obstructive uropathy: a rationale for organ specific outcome measures." Presented at International Fetal Medicine and Surgery Society, Newport RI May 3-6, 1995.

"Effect of fetal intervention for obstructive uropathy: diagnosis specific outcomes." Presented at Section on Urology, Am Acad Pediatrics San Francisco CA Oct 15, 1995.

"Treatment follow-up of prenatally diagnosed and postnatally treated urethral atresia." Presented at Society for Fetal Urology, Annual meeting. Orlando FL, May 3, 1996.

"The use of urinary fl-2 microglobulin to predict severe renal injury in fetal obstructive uropathy." Presented at Society for Pediatric Urology, Annual meeting. Orlando FL, May 4, 1996.

"Complications of vesicoamniotic shunt placement for antenatal obstructive uropathy." Presented at Society for Pediatric Urology, Annual meeting. New Orleans, LA April 11, 1997.

"The use of urinary epidermal growth factor to predict outcomes in fetal obstructive uropathy." Presented at Eur Soc Ped Urol Rome, Italy April, 1997.

"Complications of vesicoamniotic shunt placement for antenatal obstructive uropathy." Presented at Eur Soc Ped Urol Rome, Italy April, 1997.

"Long-term outcome in children following antenatal intervention for obstructive uropathy." Presented at International Fetal Medicine and Surgery Society, Anchorage, AK June 1-5, 1997.

"Complications of vesicoamniotic shunt placement for antenatal obstructive uropathy." Presented at International Fetal Medicine and Surgery Society, Anchorage, AK June 1-5, 1997.

"Long-term outcome in children following antenatal intervention for obstructive uropathy." Presented at Section on Urology, Am Acad Pediatrics, New Orleans, LA, Nov. 1, 1997.

"Prenatal intervention on cystic mass." Presented at Society for Fetal Urology, Dallas, TX, Apr. 30, 1999.

"Use of the male perineal sling procedure in children with neurogenic incontinence." Presented at 27<sup>th</sup> Congress of the Societe Internationale d'Urologie, Honolulu HI 10/3-7/2004.

"Use of a modified continent ileovesicostomy in children with prior enterocystoplasty" Presented at 27<sup>th</sup> Congress of the Societe Internationale d'Urologie, Honolulu HI 10/3-7/2004.

"The use of a novel video telescopic operating microscope (VITOM) in hypospadias surgery: a feasibility trial." Presented at Western Section, AUA Annual Meeting, Vancouver BC, Canada 8/21-25-2011

"The use of a novel video telescopic operating microscope (VITOM) in hypospadias surgery: a feasibility trial." Presented at IV World Congress on Hypospadias and Disorders of Sex Development, London, UK 9/17-19/2011

**Abstracts-** presented by others

Tomlinson MW, Johnson MP, Gonclaves L, King M, Freedman AL, Reichler A, Evans MI: Correction of hemodynamic abnormalities by vesicoamniotic shunting in familial congenital megacystis. Am Society for Gynecologic Investigations

Johnson MP, Gaddipati S, Freedman A, Qureshi F, Hume RF, Flake A, Evans MI: Do urinary Gamma-glutamyl-transferase (GGT) levels reflect microtubular nephropathy in fetal obstructive uropathy? Am College Medical Genetics 3/95

Bukowski TP, Freedman AL, Evans MI, Flake A, Gonzalez R, Smith CA, Johnson MP: When is a prune not a prune? International Fetal Medicine and Surgery Society, Newport RI May 3-6, 1995.

Triest J, Bukowski TP, Freedman AL, Smith CA, Gonzalez R: Is there a best alternative in treating the obstructed upper pole? Presented at Section on Urology, Am Acad Pediatrics San Francisco Oct 15, 1995.

Vates TS, Painter K, Bukowski TP, Fleming P, Freedman AL, Smith CA, Gonzalez R, Perlmutter AD: Utility of long term intravesical oxybutynin chloride in children with myelodysplasia. Presented at The First International Bladder Symposium, March 1996.

Vates T, Denes ED, Suzer O, Rabah R, Freedman AL, Gonzalez R: Methods to enhance urothelial growth on seromuscular colonic segments in the canine. Presented at The First International Bladder Symposium, March 1996.

Smith CA, Freedman AL, Gonzalez R, Johnson MP, Quintero R: Optical ablation of fetal posterior urethral valves. Society for Fetal Urology, Oct 1996.

Rodriguez E, Freedman AL, Barthold JS, Smith CA, Gonzalez R: Use of a modified bladder neck fascial cinch for the treatment of neurogenic sphincteric incompetence. Am Urol Assoc Annual Meeting, April 1997

Vates TS, Johnson MP, Evans MI, Freedman AL: The use of urinary epidermal growth factor to predict outcomes in fetal obstructive uropathy. Am Urol Assoc Annual Meeting, April 1997

Rodriguez E, Freedman AL, Barthold JS, Smith CA, Gonzalez R: Use of a modified bladder neck fascial cinch for the treatment of neurogenic sphincteric incompetence. Presented at Eur Soc Ped Urol Rome, Italy April, 1997.

Hassan S, Mariona L, Kasperski S, Kramer RL, Quintero R, Freedman A, Evans MI, Johnson MP: Complications of prenatal vesicoamniotic shunt placement. Soc Perinatal Obstetricians, Jan 1997

Johnson MP, Freedman AL, Quintero R, Kramer R, Yaron Y, Evans MI: Vesicoamniotic shunting does not further increase the incidence of obstetrical complications in fetal obstructive uropathy. Soc Gyne Investigations 1997.

Johnson MP, Vates TS, Freedman AL, Yaron Y, Kramer R, Evans MI: Epidermal growth factor in the prediction of renal outcomes in fetal obstructive uropathy. Soc Gyne Investigations 1997.

Yurkanin, J.P., Freedman, A.L., and Fuchs, G.J.: Combined Unilateral Laparoscopic Nephroureterectomy and Contralateral Ureteral Reimplant in an Infant with Reflux Nephropathy. Presented at the 12<sup>th</sup> International Conference for Endosurgery in Children Los Angeles, CA; 3/03.

Yurkanin, J.P., Freedman, A.L., and Fuchs, G.J.: Laparoscopic Assisted Ileal Ureteral Replacement. Presented at the 21<sup>st</sup> World Congress on Endourology – Montreal, Canada; 9/03.

Yurkanin, J.P., Freedman, A.L., and Fuchs, G.J.: Intraperitoneal Bladder Rupture: A Rare Complication of Voiding Cystourethrography. Presented at the 79<sup>th</sup> Annual Meeting of the Western Section, American Urological Association – Lake Las Vegas, NV; 11/03.

Frykman PK, Freedman AL, Duel BP, Berci G; Preliminary Evaluation of a New Compact High-Definition Video Microscope for Pediatric Surgery: Is it Time to Throw Away the Loupes. Presented at IPEG annual meeting, Tokyo, 9/10

Freedman AL, Quach A: Urethral Catheterization in children-Whom does it hurt? Presented at AUA annual meeting. San Diego CA 5/13

Jamnagerwalla JA, Duel B, Freedman AL: Does newborn circumcision reduce the risk of future penile complaints and need for penile surgery in children? Presented at Western Section AUA annual meeting, Indian Wells CA 10/15

Medoff BS, Dru CJ, Freedman AL: Newborn circumcision on the web: the quality and bias of health information using internet search and social media. presented at AUA Annual Meeting, San Francisco 5/18

### **Teaching/Mentoring**

Alan Quach- UCLA undergraduate volunteer student- 2012-2013

Brent Medoff- Commonwealth Medical Student- volunteer 7/15-8/15

### **Bibliography:**

#### **Research papers (peer reviewed)-**

Freedman AL, Sikka SC, Rajfer J: Development of rat cavernosal smooth muscle cell culture and its response to papaverine. Surg Forum 34: 658-9, 1988.

Freedman AL, Gonzalez-Cadavid NF, Rajfer J: The effect of transforming growth factor beta (TGF- $\beta$ ) on androgen receptor mRNA levels in cultured rat corpora cavernosal smooth muscle cells. Surg Forum 38:726-730,1992.

Freedman AL, Costa Neto F, Mehringer CM, Rajfer J: Long-term results of penile vein ligation for venous leakage. J Urol 149:1301-1303,1993.

Lugg J, Sadeghi F, Freedman A, Gonzalez-Cadavid N, Rajfer J: Successful surgical treatment of cryptorchidism in the Long-Evans cryptorchid rat model. Surg Forum 40:785, 1994.

Garban H, Vernet D, Freedman A, Rajfer J, Gonzalez-Cadavid N: Effect of aging on nitric oxide-mediated penile erection in rats. Am J Physiol 268:H467, 1995.

Freedman AL, Stewart T, Padiyar N, Perlmutter AD, Smith CA: Renal cell carcinoma in children: The Detroit experience. J Urol155:1708, 1996.

Tomlinson MW, Johnson MP, Gonclaves L, King M, Freedman AL, Smith CA, Hume RF, Evans MI: Correction of hemodynamic abnormalities by vesicoamniotic shunting in familial congenital megacystis. Fetal Diag Ther 11:46, 1996.

Painter KA, Vates TS, Bukowski TP, Fleming P, Freedman AL, Smith CA, Gonzalez R, Perlmutter AD: Utility of long-term oxybutynin chloride therapy in children with myelodysplasia. J Urol 156:1459, 1996.

\*Freedman AL, Bukowski TP, Smith CA, Evans MI, Gonzalez R, Johnson MP: Fetal therapy for obstructive uropathy: Diagnosis specific outcomes. J Urol 156:720, 1996.

Vates TS, Bukowski TP, Triest J, Freedman AL, Smith CA, Perlmutter AD, Gonzalez R: Is there a best alternative to treating the obstructed upper pole? J Urol 156:744, 1996.

Lugg JA, Penson DF, Sadeghi F, Petrie B, Freedman AL, Gonzalez-Cadavid NF, Hikim AS, Rajfer J: Prevention of seminiferous tubular atrophy in a naturally occurring cryptorchid rat model by early surgical intervention. J Andrology 17:726, 1996.

\*Freedman AL, Qureshi F, Shapiro E, Lepor H, Jacques SM, Evans MI, Smith CA, Gonzalez R, Johnson MP: Smooth muscle development in the obstructed fetal bladder. *Urology* 49:104, 1997.

Vates TS, Freedman AL, Smith CA: An alternative to the penrose drain in children at risk fo latex allergy. *Urology* 49:454, 1997.

\*Freedman AL, Bukowski TP, Smith CA, Evans MI, Berry SM, Gonzalez R, Johnson MP: The use of urinary  $\beta$ -2 microglobulin to predict severe renal dysplasia in fetal obstructive uropathy..*Fetal Diagn Ther* 12:1, 1997.

Suzer O, Vates T, Freedman AL, Smith CA, Gonzalez R: Complications of the Mitrofanoff procedure in urinary tract reconstruction in children. *Br J Urol* 79:279, 1997.

Vates TS; Suzer O, Barthold JS, Freedman AL, Smith CA, Gonzalez R: Practice patterns of primary care physycians in the evaluation of peditric urinary tract infections and vesicoureteral reflux. *Surg Forum* 47:647, 1996.

Vates TS, Denes ED, Rabah R, Shapiro E, Suzer O, Freedman AL, Gonzalez R: Methods to enhance in vivo urethelial growth on seromuscular colonic segments in the canine. *J Urol* 158:1081, 1997.

Denes ED, Vates TS, Freedman AL, Gonzalez R: Seromuscular colocystoplasty lined with urothelium protects dogs from acidosis during ammonium chloride loading. *J Urol* 158:1075, 1997.

Penson DF, Lugg JA, Coyne C, Sadeghi F, Freedman AL, Gonzalez-Cadavid NF, Rajfer J: Effect of cryptorchidism on testicular histology in a naturally cryptorchid animal model. *J Urol* 158:1978, 1997.

Furness PD, Husman DA, Brock JW, Steinhardt GF, Bukowski TP, Freedman AL, Silver RI, Cheng EY: Multi-institutional study of testicular microlithiasis in childhood: a benign or premalignant condition. *J Urol* 160:1151, 1998.

Barthold JS, Rodriguez E, Freedman AL, Fleming PA, Gonzalez R: Results of the rectus fascial sling and wrap procedure for treatment of neurogenic sphincter incontinence. *J Urol* 161:272, 1998

Johnson MP, Freedman AL: Fetal uropathy. *Curr Opin Obstet Gyne* 11:185, 1999

\*Freedman AL, Johnson MP, Smith CA, Gonzalez R, Evans MI: Long-term outcome in children following antenatal intervention for obstructive uropathy. *Lancet* 354:374-377, 1999.

Shekarriz B, Upadhyay J, Freedman AL, Fleming PA, Barthold J, Gonzalez R: Lack of morbidity from urodynamic studies in children with asymptomatic bacteriuria. *Urology* 54:359-362, 1999.

Freedman AL, Johnson MP, Gonzalez R: Fetal therapy for obstructive uropathy: past, present.... future? *Ped Nephrology* 14:167, 2000

Herndon CD, Ferrer FA, Freedman A, McKenna PH: Consensus on the prenatal management of antenatally detected urologic abnormalities. *J Urol* 164:1052-6, 2000.

Freedman AL: Urinary tract infections in children. In Litwin MS, Saigal CS, eds. *Urologic Diseases in America*. US Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases. Washington, DC: US Government Publishing Office, 2004; NIH Publication No. 04-5512 [pp.213 - 232].

\*Freedman AL: Urologic Diseases in America Project: trends in resource utilization for urinary tract infections in children. *J Urol* 173(3):949-54, 2005.

\*Task Force on Circumcision: Technical Report: Male circumcision. PEDIATRICS Volume 130, Number 3, September 2012

\*Task Force on Circumcision: Circumcision Policy Statement. PEDIATRICS Volume 130, Number 3, 585-586, September 2012

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