Incontinence endures

Fifteen percent of five-year-olds and 10 percent of six-year-olds experience difficulty staying dry. Nighttime enuresis, or infrequent urination, and constipation pain or difficulty with urination, frequent tract infections and treatments for these problems.

A Common Problem
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Treatment Tips
The PUP seminars are a useful way to learn important information and answer parents’ questions. A clinic pediatric nurse practitioner Courtney Moi, who coordinates the programs with Anne Arnhym and Angie Hinds, reviews the causes of wetting and urinary tract infections and treatments for these problems.

The children are designed for parents, but pediatricians are also welcome to attend. Sessions are limited to 30 participants, and preregistration is required. To make a reservation to attend the next PUP seminar, please call Shirkeri Badger at 415/353-2798. A registration packet, including directions, will be mailed to you in advance.

A microscopic view of bladder cells being viewed in a cystoscope.

Disorder of Sexual Development Clinic
The term, disorders of sexual development (DSD), refers to a range of conditions that lead to atypical development of sex characteristics. Sexual differentiation is a complex physiological process comprised of many steps. Problems associated with sex differentiation occur when development takes place in any of these steps.

We are delighted to announce that we have implemented a DSD Clinic at UCSF. Members of the disorders of sexual development team include renowned UCSF experts in pediatric urology, pediatric endocrinology, child psychology, social work and nursing.

For more information or to schedule a patient for the DSD Clinic, please call Angie Hinds, CPNP, at 415/353-2230.

How to reach UCSF Pediatric Urology
UCSF Children’s Hospital at UCSF Medical Center 4200 Pennsylvania Avenue, Suite A-410 San Francisco, CA 94110-0300 Phone 415/476-3777 Fax 415/476-3886 Children’s Hospital & Research Center Oakland 7777 Geary Blvd, Ambulatory Care Center 4th floor Oakland, CA 94609 Phone 510/784-3333 Fax 510/357-7889 Physicians: Laurence D. Baskin, MD, Laurence Baskin, MD, Pamela Benson, MD, Michael Disandro, MD, disandro@urology.ucsf.edu Certified Pediatric Nurse Practitioners: Anna Arihy, CPNP, ANNARIHY@UCSF.EDU, Angelique Hinds, CPNP, ANGELIQUE@UCSF.EDU, Courtney Moi, CPNP, courtney.moi@ucsf.edu Web sites: UCSF Pediatrics Urinals http://urology.ucsf.edu/patientGuides/UrinalsP.html Parent handouts http://urology.ucsf.edu/patientGuides/ parenting.html Baskin research laboratory http://baskinlab.ucsf.edu/ Baskin research laboratory http://baskinlab.ucsf.edu/ PUP Seminar Free of charge Client to all parents 1st Tuesday of every month 6:00-7:30 p.m. at UCSF Medical Center Must call to register: Shirkeri Badger 415/353-2798

Michael DiSandro Joins Staff
A pediatric urologist with more than 10 years experience, Michael DiSandro, MD, joined the UCSF clinical faculty earlier this year. He and Laurence Baskin, MD, have a particular interest in hypospadias, an increasingly common birth abnormality in boys, in which the urethral open- ing is abnormally positioned. (See Spotlight on Research story.)

DiSandro obtained his medical degree at the University of Vermont College of Medicine. His postgraduate training included an internship and residency in surgery and urol- ogy at the University of Minnesota, where he served as chief resident and coordinated the residency and fellowship training programs at Minneapolis Children’s Hospital. DiSan- dro previously served as Director of Pediatric Urology at the University of Minnesota Medical School.

DiSandro has extensive experience and is responsible for the treatment of children who are seen through the UCSF Pediatric Urology Program.

DiSandro has extensive experience in the surgical repair of the condi- tion, which is typically performed when a child is six months of age.

Helping Children with Incontinence
Urinary incontinence can be a frustrating problem for both parents and children. UCSF’s pediatric urology clinic offers children and their families a free evening seminar that gives parents basic information and techniques that they can use at home to help their child stay dry. At the conclusion of the program, parents can make an appointment to be seen in the pediatric urology clinic. Without charge or delay, parents can call the Pediatric Urology Information (PUP) seminar, at 415/353-2230.

Michael DiSandro, MD, with pediatric patient Ryan Fletcher.
The UCSF pediatric urology program has an international reputation for innovation in basic and clinical research. Current projects are focused on three areas that have the potential to impact care for several common conditions.

**Spotlight on Research**

The UCSF team has published extensively. Baskin and colleagues report that sonic hedgehog signaling plays an important role in the bladder. The UCSF pediatric urology program is renowned for its basic and clinical research contributions. Our collaboration with James Betts, MD at the Children's Hospital and Research Center Oakland has led to significant advancements in the treatment of bladder and prostate anomalies.

**Hypospadias**

Pediatric urologists can treat the acquired form of hypospadias by performing correction surgery in girls who have had male to female hormone treatment for several years. The congenital form is a developmental defect in which the urethra opens on the underside of the penis.

**Urinary Incontinence**

The UCSF pediatric urology program is a leader in the treatment of urinary incontinence. We offer both open and minimally invasive surgical techniques and tailor treatment to each individual. When a child requires surgery, we work closely with the pediatric anesthesiologist to minimize pain.

**Genital Anomalies**

We offer expertise in the treatment of a wide range of genital abnormalities, including hypospadias, epispadias, and exstrophy. We also treat bladder and kidney dysfunction.

**Dysfunctional Elimination Syndrome**

Dysfunctional elimination syndrome refers to disorders of defecation and urination. We offer a multidisciplinary approach to the treatment of this condition, which may affect children and adults.

**Wein Awards & Activities**

The UCSF pediatric urology program is recognized for its excellence in clinical care, research, and education. We are proud to announce that we have been awarded a five-year continuation of an award from the National Institutes of Health. The UCSF pediatric urology program is a leader in the treatment of a wide range of genital abnormalities, including hypospadias, epispadias, and exstrophy. We also treat bladder and kidney dysfunction.

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The UCSF pediatric urology program is one of the most recognized in the nation. It has received the highest levels of research funding and has been honored by several prestigious awards. The program is known for its innovative approach to treatment and has produced numerous publications in leading medical journals. The UCSF pediatric urology program is committed to providing the best possible care for children with urologic disorders and has established a strong reputation in the field. The program has a dedicated team of experts, including surgeons, researchers, and nurses, who work together to provide comprehensive care for children with urologic conditions. The UCSF pediatric urology program is located in San Francisco, California, and serves children from all over the United States and abroad. The program is part of the University of California, San Francisco, and is affiliated with the School of Medicine. The program is supported by a diverse group of philanthropic organizations, including the UCSF Foundation and the American Urological Association. The program is also supported by federal funding from the National Institutes of Health. The UCSF pediatric urology program is recognized as one of the best in the world, and its leaders are widely respected in the field of pediatric urology. The program has a strong commitment to education, research, and clinical excellence, and is dedicated to providing the best possible care for children with urologic disorders.
Disorder of Sexual Development Clinic

The term, disorders of sexual development (DSD), refers to a range of conditions that lead to atypical development of sex characteristics. Sexual differentiation is a complex physiological process comprised of many stages. Problems associated with sex differentiation occur when development takes place at any of these stages.

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For more information or to schedule a patient for the DSD Clinic, please call Angie Hinds, CPNP at 415/353-2200.

Laurence Baskin, MD shares a beating heart with live patient at giving tree.

Ongoing

Michael DiSandro Joins Staff

A pediatric urologist with more than 10 years of experience, Michael DiSandro, MD, joins the UCSF clinical faculty earlier this year. He and Laurence Baskin, MD, a pediatric urologist at UCSF with more than 20 years of experience, are responsible for the treatment of children who are seen through the UCSF pediatric urology program. DiSandro has a particular interest in hypospadias, an increasingly common birth abnormality in baby boys, in which the urinary orifice is abnormally positioned. (See Spotlight on Research story.)

DiSandro obtained his medical degree at the University of Vermont College of Medicine. His postgraduate training included an internship and residency in surgery and urology at the University of California, San Francisco, where he served as chief resident in pediatric urology at UCSF. He comes to UCSF from the University of Minnesota Medical School, where he served as a faculty member and coordinated the residency and fellowship training programs at Minneapolis Children's Hospital. DiSandro previously served as Director of Pediatric Urology at the University of Minnesota Medical School.

Incontinenceatrium

Fifteen percent of five-year-olds and 10 percent of six-year-olds experience difficulty staying dry. Nighttime wetting, the voluntary loss of urine during sleep after the age of five years, is the most common complaint. Fifteen percent of five-year-olds and ten percent of six-year-olds experience difficulty staying dry. The seminars are a useful way to help children who are seen through the UCSF pediatric urology program. DiSandro has a particular interest in hypospadias, an increasingly common birth abnormality in baby boys, in which the urinary orifice is abnormally positioned. (See Spotlight on Research story.)

Laurence Baskin, MD, is responsible for the treatment of children who are seen through the UCSF pediatric urology program. DiSandro has a particular interest in hypospadias, an increasingly common birth abnormality in baby boys, in which the urinary orifice is abnormally positioned. (See Spotlight on Research story.)

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The UCSF pediatric urology program is the American Urological Association’s \(3^r\) major urology program and is also a leader in the field of pediatric urology research. The UCSF pediatric urology team has received numerous honors at national level meetings.”

## Spotlight on Research

**Hypertension**

UCSF pediatric nephrologists can track the renal health of children by performing a routine kidney biopsy. Dr. Baskin is the first to demonstrate the importance of Sonic Hedgehog in the bladder. By engaging in clinical and research activities and attending conferences, we have become especially active in the field of pediatric urology. Our collaboration with James Betts, MD at the Children’s Hospital and Research Center Oakland where we work closely with the pediatric nephrology, radiology and anesthesia services. Our research efforts continue to thrive. At the most recent American Academy of Pediatrics meeting, we presented seven papers to the scientific program as the third best research paper from over 300 abstracts. We felt, as an outstanding research team, that presenting is the right path for this excellent research. We presented our work at the UCSF Pediatric Urology Program \(2^r\) Seminar. It has been a wonderful success for children with bladder and genitourinary problems.

## Fellowship and Residency

Training

The UCSF pediatric urology program offers \(2\) year rotations for postdoctoral trainees and \(3\) year research fellowships. Residents receive pediatric urology training through the institutional four-year urology residency program, including rotations in general surgery, urology, and other relevant subspecialties, with their education directed toward all the subspecialties, including pediatric urology. The ACGME approved fellowship training program includes completion of \(3\) years of clinical training and \(1\) year of clinical research supervised by a fellowship grant from the National Institutes of Health. The pediatric urology fellowship program is closely tied to pediatric departments.

More information about the pediatric urology fellowship and residency programs can be found online at http://ucsf.edu/baskinlab/index.html.

Current Fellows

UCSF has received \(2\) residencies for pediatrics and 

Current Fellows are listed 

UCSF pediatric urology fellow 

Professor of Urology and Pediatrics, University of California, San Francisco

Laurence S. Baskin, MD

I would like to acknowledge our nurse practitioner team members, Anne Arnhym, CPNP, April Agras K, Li J, Hsieh MH, Willingham E, Jin G, Haqq MH, and Nicholas Kalfa, MD, each gave two scientific presentations at the meeting. Dr. Wilson presented his research on the importance of Sonic Hedgehog in the bladder development. Identifying the role of this signaling pathway in orchestrating bladder innervation may help to explain why boys with spina bifida develop much more smooth muscle development in the bladder compared to all other patients. This work has been chosen by other researchers to affect the development of many organs, including muscle. The UCSF team has been the first to demonstrate the role of Sonic Hedgehog in the bladder.

UCSF researchers were recently awarded a \(5\) year grant of \(\$\) 39,000 that has supported their investigations. This work eventually could lead to new treatments for children with urinary tract infections. Our collaboration with James Betts, MD at the Children’s Hospital and Research Center Oakland where we work closely with the pediatric nephrology, radiology and anesthesia services. Our research efforts continue to thrive. At the most recent American Academy of Pediatrics meeting, we presented seven papers to the scientific program as the third best research paper from over 300 abstracts. We felt, as an outstanding research team, that presenting is the right path for this excellent research. We presented our work at the UCSF Pediatric Urology Program \(2^r\) Seminar. It has been a wonderful success for children with bladder and genitourinary problems.

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For more information or to schedule a patient for the DSD Clinic, please call Angie Hinds, CPNP at 415/353-2200.

A Common Problem

Incontinence

Fifteen percent of five-year-olds and 10 percent of six-year-olds experience difficulty staying dry at night. Nighttime wetters grow, mature faster and lose sleep during the day. By the age of five, the most common bladder control problem, but some children have trouble with diurnal continence as well. The problem is believed to be caused by a delay in the age at which this bladder develops and matures. Almost all cases resolve as the child grows older, but in the meantime, wetting can be a source of annoyance between the ages of six and 11.

Fifteen percent of five-year-olds and 10 percent of six-year-olds experience urination problems. Treatment can be used to help children stop dry, include behavioral modification, alarms and drug therapies. Parent or child evaluation have consistently given the seminars high marks for usefulness.

Helping Children with Incontinence

A pediatric urologist with more than 10 years of experience, Michael DiSandro, MD, joined the UCSF clinical faculty earlier this year. He and Laurence Baskin, MD, are devoted to presenting information about children with incontinence, and helping them stay dry.

PUP Seminar

Free of charge

Clinic of the Month

2nd Tuesday of every month

6:00-7:30 p.m. at UCSF Medical Center

Must call to register

Shelton Auditorium

415/353-2794

10/15/2008

Michael DiSandro Joins Staff

DiSandro has extensive experience in the surgical repair of the conditions and has a particular interest in hypospadias, an increasing area of study at UCSF. He is interested in sperm retrieval for men with undescended testes. As the children’s urologist, he seeks to coordinate the evaluation and treatment of children with urologic conditions. He is dedicated to providing the best possible care for patients with urologic disorders, and to doing research in the areas of urology and pediatric urology.

DiSandro obtained his medical degree at the University of Vermont College of Medicine. His surgical training included an internship and residency in surgery and urology at the University of California, Los Angeles, and a fellowship in pediatric urology at UCSF. He came to UCSF from the University of Minnesota Medical School, where he served as chief resident and coordinated the residency and fellowship training programs at Minneapolis Children’s Hospital. DiSandro previously served as Director of Pediatric Urology at the University of Minnesota Medical School.

DiSandro has extensive experience in the surgical repair of the condition, which is typically performed when a child is six months of age.