

Hillary Copp, MD, MS, has joined the UCSF faculty.

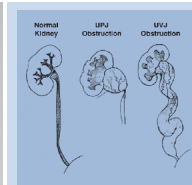


Illustration of a normal kidney compared with hydronephrosis caused by blockage at the kidney level [ureteropelvic junction (UPJ) obstruction] and the bladder level [ureterovesical junction (UVJ) obstruction].

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Hillary Copp Joins Staff

A pediatric urologist with a master's degree in epidemiology, Hillary Copp, MD, MS, joined the UCSF clinical faculty in 2009. She, with Laurence Baskin, MD, and Michael DiSandro,

medical degree at Penn State University College of Medicine, and her surgical internship and urology residency were completed at the University of Virginia in Charlottesville. Copp serves

antibiotic prophylaxis compliance in children with vesicoureteral reflux. This study has helped to identify factors associated with an increased risk for noncompliance and can help us target our interventions to improve compliance in populations who will benefit the most. In addition, she has studied trends in pediatric hospitalization for pyelonephritis and found that outpatient treatment of pyelonephritis did not decrease hospitalization rates, and that differences in hospitalization prevalence were associated with sex, age, race, and insurance status.


Copp has a particular interest in persistent prenatally detected hydronephrosis and its management.

MD, are responsible for the treatment of children who are seen through the UCSF pediatric urology program. Copp has a particular interest in persistent prenatally detected hydronephrosis and its management, including both surgical and nonsurgical treatment options. She has extensive experience in operative approaches, including endoscopic, open, laparoscopic, and robotic-assisted laparoscopic surgery.

Copp came to UCSF from Stanford University, where she completed her pediatric urology fellowship training and concurrently pursued her master's in epidemiology. She obtained her

as a member of the Pediatric Vesicoureteral Reflux Clinical Guidelines Panel for the AUA, as a reviewer for the *Journal of Urology*, and as a member of the Surgical Quality Alliance.

Improving health outcomes for patients and clarifying the utility of antibiotic prophylaxis in the prevention of urinary tract infection in children with prenatally detected hydronephrosis are Copp's research interests. Two of her projects have been large epidemiologic studies to understand the results of health care practice and intervention. Through a grant with the Urologic Diseases in America Project, she recently completed a large epidemiologic study of

Copp has a dedicated interest in epidemiologic and clinical outcomes research and continues to build on her unique skill set to become a leader in this arena. She hopes to help resolve the controversy surrounding the optimal management of hydronephrosis patients, specifically to clarify the utility of antibiotic prophylaxis for the prevention of urinary tract infection in children with hydronephrosis undergoing watchful waiting. Please check her faculty page, located at urology.ucsf.edu/faculty/fac-Copp.html, for research updates. 



Letter from the Chief

Laurence Baskin, MD

On behalf of the UCSF pediatric urology team, I extend a warm welcome to our newest faculty member, Hillary Copp, MD, MS. Dr. Copp is not only an outstanding surgeon, but also has special skills in clinical outcomes research. We look forward to Dr. Copp's expertise in our continued pursuit of the best possible clinical outcomes for young urology patients.

Last year's highlight was the establishment of three new pediatric urology outreach clinics. The first clinic is a collaboration with our perinatal colleagues at California Pacific Medical Center, where our nurse practitioner, Angie Champeau, and I staff a clinic specifically devoted to women who have a prenatal urologic diagnosis of a urinary tract abnormality. We have been very pleased to partner with Denise Main, MD, Carl Otto, MD, and their team of physicians and genetic counselors to offer these services at the CPMC campus. Our second new outreach clinic is located at the newly established UCSF Children's Hospital at ValleyCare Health System in Pleasanton. Michael DiSandro, MD, is our point person at the ValleyCare Specialty Clinic. Our third new location is in Walnut Creek at Children's Hospital and Research Center Oakland's facility on Shadelands Drive. At Children's Outpatient Surgery & Specialty Care Walnut Creek, we see patients and perform outpatient surgery. This ambulatory care center, directed by Jonathan Clarke, MD, and his fantastic staff, allows us to perform ambulatory pediatric urology procedures to our exacting standards. To reach us at any of our locations, please see the last page for contact information.

Our basic science and clinical research continues to thrive. We recently received funding from the National Institutes of Health to take part in the TIDES study, a multicenter trial studying endocrine disruptors as possible risk factors for genital abnormalities. We have also been funded by the National Science Foundation to collaborate with our UC Berkeley colleague, Steve Glickman, PhD. Our project is specifically focused on the unique genital development of the spotted hyena and how it relates to the congenital abnormalities we see in our young patients. We also take special pride that one of our summer students, Julia Menshenina, now a second-year medical student, won the Dean's Prize for her research on "The Role of Estrogen in Sexual Dimorphism."

I would like to acknowledge the help of our staff in the clinics, operating room, and academic offices; they are a critical part of our pediatric urology team. It remains a great honor to serve the children of Northern California and to help facilitate care for your pediatric urology patients. I hope you enjoy our newsletter. Please do not hesitate to contact us with specific questions or suggestions.

Sincerely,

Laurence S. Baskin, MD
Chief, Pediatric Urology, Department of Urology
Professor of Urology and Pediatrics, University of California, San Francisco

Fellowship and Residency

Training

The pediatric urology program at UCSF offers training for residents and fellows.

Residents receive pediatric urology training through the integrated four-year UCSF urology residency program. By engaging in clinical and research activities and attending conferences, residents are introduced to all the subspecialties, including pediatric urology.

The ACGME-approved pediatric urology fellowship consists of one to two years of research and one year of clinical pediatric urology. Laboratory research is sponsored by a training grant from the National Institutes of Health. The pediatric urology fellowship program is closely tied to departmental activities.

More information about the pediatric urology fellowship and urology residency program can be found online at urology.ucsf.edu

Current Fellows

UCSF has a robust pediatric fellowship program. Our most recent graduates have all left UCSF for appointments as assistant professor at academic institutions. In 2007 Jason Wilson, MD, joined the University of New Mexico; in 2008 Adam Hittelman, MD, PhD, left for Yale University School of Medicine; and most recently, in 2009 Ming Wang, MD, joined the John Hopkins Hospital. Our current fellows are:

Jennifer Yang, MD
July 2008-June 2010

Jenny Yiee, MD
July 2009-June 2011

Jenny Yiee, MD



Jennifer Yang, MD



What We Do: the specialty of pediatric urology

There are multiple ways to manage pediatric urology disorders, and we tailor treatment to each individual. When a child requires surgery, we offer both open and minimally invasive surgical techniques and work closely with the pediatric anesthesiologist to minimize pain.

Antenatal hydronephrosis (fetal hydronephrosis)
Dysfunctional elimination syndrome
Genital anomalies

- Adolescent varicoceles
- Disorders of sexual differentiation
- Epispadias and exstrophy
- Genitalia reconstruction (vaginoplasty)
- Hydrocele and hernia (male and female)
- Hypospadias
- Undescended testes

Hematuria
Minimally invasive surgery (laparoscopy and endoscopy)
Myelomeningocele urinary tract management (incontinence)
Neurogenic bladder
Treatment of genitourinary malignancies

- Rhabdomyosarcomas
- Wilms tumors

Urinary incontinence and enuresis
Urinary stone disease
Urinary tract infections
Urinary tract obstruction

- Megaureters
- Posterior urethral valves
- Prune belly syndrome
- Ureterocele
- Ureteropelvic junction obstruction
- Urinary tract strictures

Urinary tract reconstruction

- Artificial urinary sphincter and urinary continence surgery
- Gastric, ileal, colonic, and ureteral bladder augmentation
- Pre-renal transplantation reconstruction
- Urinary undiversion and diversion

Vesico-ureteral reflux and reflux nephropathy

Specialty Services

Our team collaborates with families to create a management plan appropriate for each child's medical and psychological needs.

Pediatric Urology Parent (PUP) Seminar

The PUP seminar is for families of children with nighttime or day-time wetting, urinary tract infections, pain or difficulty with urination, frequent or infrequent urination, and constipation and stool problems. The seminars are designed for parents, but adolescents and pediatricians are welcome to attend.

The seminar is in the evening at both UCSF Children's Hospital and Children's Hospital Oakland. The Oakland seminar is offered in Spanish. For more information or to register, please contact:

UCSF: Shirkeri Badger at 415/353-2798

CHO: Claudia Angel or MaryJane Leonard at 510/428-3402

Disorders of Sexual Development (DSD) Clinic

DSD refers to conditions that lead to atypical development of sex characteristics. Sexual differentiation is a complex physiological process composed of many steps. Associated problems occur when errors take place at any of the steps. DSD team members include UCSF experts in pediatric urology, pediatric endocrinology, child psychology, social work, genetics, and nursing.

Appointments: Shirkeri Badger at 415/353-2798

Information: Angie Champeau, CPNP, at 415/353-2200

Family-Focused Management of Vesicoureteral Reflux

Vesicoureteral reflux, the backwash of urine from the bladder to the kidneys, in the presence of bacteria can lead to kidney infections and sometimes kidney scarring. Management may include observation, daily prophylactic antibiotics, treatment of bladder and bowel dysfunction, open surgery, and less invasive endoscopic treatment.

Appointments: Shirkeri Badger at 415/353-2798

Anne Arnheim, Laurence Baskin, Hillary Copp, Michael Disandro, and Angie Champeau.



Spina Bifida Clinic

The spina bifida clinic is one of only two programs in Northern California to offer comprehensive multidisciplinary medical and social support for the treatment of infants, children, and adolescents with spina bifida and other spinal birth defects. Our program includes medical professionals from neurosurgery, urology, orthopedics, pediatric physical medicine and rehabilitation, pediatric development and behavior, nutrition, nursing, and social work. Urology's goal is to keep a child's kidneys healthy and protected from damage and to help children be continent.

Appointments: Spina Bifida Clinic at 415/476-3899

Urology Appointments: Shirkeri Badger at 415/353-2798

Diagnostic Testing

UCSF's surgical team performs radiological and urodynamic procedures to evaluate patients with bladder dysfunction, urinary tract infections, hydronephrosis, and incontinence. Urodynamic studies are performed simultaneously with any radiographic study, eliminating the need for a second catheterization. Ultrasonography is often able to diagnose abnormalities missed or misinterpreted at other institutions.

How to reach UCSF Pediatric Urology

The UCSF Pediatric Urology team works closely with referring providers and welcomes telephone and email consultations as needed. We can be reached via the numbers below 24 hours a day for urgent and emergency service.

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Please send comments and inquiries to:

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**University of California, San Francisco
Children's Hospital**
400 Parnassus Avenue, Suite A-610
San Francisco, CA 94143-0330
Phone 415/353-2200
Fax 415/353-2480

UCSF is our primary site. All pediatric urology services are offered at this location.

**UCSF Children's Hospital at ValleyCare
Health System in Pleasanton**
5565 West Las Positas Blvd., Suite 140
Pleasanton, CA, 94558
Appointment phone 415/353-2200
Appointment fax 415/353-2480
Phone 925/598-3500

The Pleasanton location offers convenience of local care to families of the East Bay and Central Valley. Children who require more complex imaging or surgery will receive these specialized services in San Francisco.

**UCSF Children's Hospital at Natividad
Medical Center in Salinas**
1444 Constitution Ave.
Salinas, CA 93906
Phone 831/755-4124

Every other month, members of the UCSF Pediatric Urology team visit Salinas, California, to manage a satellite clinic at the Natividad Medical Center. Most patients have their care managed exclusively at our Salinas Outreach Clinic; those patients who require more complex diagnostic imaging or surgical intervention are later seen at UCSF.

**California Pacific Medical Center (CPMC),
Pediatric Urology Prenatal Clinic**
3700 California Street
San Francisco, CA 94118
Phone 415/600-6400

Once per month, a member of our Pediatric Urology team runs a prenatal clinic at CPMC. In this clinic, we consult with families on urologic diagnoses made on prenatal imaging studies.

**Children's Hospital
& Research Center Oakland**
747 52nd Street, Ambulatory Care 4th floor
Oakland, CA 94609
Phone 510/428-3402
Fax 510/597-7089

CHO is our second comprehensive site and all pediatric urology services are offered here.

**Children's Outpatient Surgery &
Specialty Care Walnut Creek**
2401 Shadelands Dr.
Walnut Creek, CA 94598
Phone 925/979-4000
Fax 925/939-8689

The Walnut Creek Satellite Clinic offers a more convenient location for some of our CHO patients. Children who require more complex imaging or complex surgery will receive these specialized services at CHO.

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Angie Champeau, CPNP
angelique.champeau@ucsfmedctr.org

Web Links

UCSF Pediatric Urology
urology.ucsf.edu/clinicalRes/CRpedUro.html

Patient handouts
urology.ucsf.edu/patientGuides/pedUro.html

Baskin research laboratory
ucsf.edu/baskinlab/

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Department of Urology