New Technology and Expertise in Pediatric Cardiology

The Doernbecher Pediatric Cardiac Catheterization Lab has begun installation of all new state-of-the-art catheterization equipment, which will provide enhanced imaging capabilities and advanced patient safety technologies. With this and other program initiatives, the Doernbecher Pediatric Cardiology program is strengthening its position as the leading provider of care for children with heart disease throughout Oregon and Southwest Washington.

The Pediatric Cardiology Interventional Program offers:
- The largest, most experienced program for transcatheter closure of Atrial Septal Defect (ASD) and Patent Foramen Ovale (PFO) in children and adults in the Northwest.
- The only pediatric cardiology catheterization laboratory in Oregon staffed by two specialists with advanced training in Interventional Cardiology.
- Innovative interventional procedures not available elsewhere: Device closure of ventricular septal defects (VSD).
- Utilization of device closure for peri-valvar leaks.
- Utilization of cutting balloons for angioplasty.

Pediatric Cardiology Echocardiography Program

As the only Certified Pediatric echocardiography Lab (ICAE) in the region, Doernbecher provides the most advanced cardiac ultrasound services and expertise available including: 3D imaging and fetal. Doernbecher performed over 6,000 pediatric echos last year.

Advanced Cardiac Imaging:
- Cardiac MRI and CT provide detailed images of congenital heart defects, clarifying complex lesions and often eliminating the need for diagnostic catheterization prior to surgery.
- 3-dimensional echocardiography imaging of cardiac structures allow a more sophisticated understanding of cardiac anatomy and valve function.
Inpatient Pediatric Dental Service at Doernbecher

Beginning in July, OHSU Doernbecher Children’s Hospital will provide full-time inpatient dental surgery and consultation services, as well as consultation, to all pediatric inpatients. The clinic, which will operate in conjunction with the Division of Pediatric Sedation Services and the Department of Pediatrics, will be staffed by Pediatric Dentists and Oral and Maxillofacial Surgeons.

The clinic operates in partnership with the OHSU School of Dentistry, the only pediatric dental registry program in Oregon. The clinic will provide:

- 24-hour inpatient consultation
- General anesthesia for pediatric dental surgery, Monday through Friday
- IV sedation services as necessary.

For more information about the Doernbecher Pediatric Dental Surgery clinic, please call 503 346-0644.

Inpatient Sleep Studies Provide Highest Quality Care for Sleep Disorders

OHSU Doernbecher Children’s Hospital will open new inpatient beds for the evaluation of sleep disorders. Infants and children with a wide variety of sleep disorders can be evaluated in an inpatient or outpatient setting depending on the special needs of the infant or child.

Doernbecher’s multidisciplinary team of board-certified pediatric sleep medicine specialists includes sleep physicians, pulmonologists, psychiatrists, neurologists, and ENT specialists with expertise in mechanical ventilation and airway surgery. The team collaborates to identify and treat all physiological, neurological and behavioral factors contributing to sleep disturbance and insomnia in children.

The clinic will provide:

- Autistic spectrum disorder
- ADHD, depression, or anxiety
- Neurological disorders
- Craniofacial abnormalities, such as cleft palate
- Obstructive sleep apnea
- Central sleep apnea
- Complex sleep apnea
- Severe obesity
- Restless leg syndrome
- Unusual behaviors while asleep such as sleep terrors or sleep walk

A full range of therapies for pediatric sleep disorders is available, including continuous positive airway pressure (CPAP), bi-level positive airway pressure (BiPAP) and surgical procedures.

To refer a patient to the Doernbecher Sleep Clinic, please call 503 346-0644.

Doernbecher Welcomes New Faculty

CHRISTOPHER AUSTIN, M.D.
Urology
Medical degree: Washington University School of Medicine
Residency: Urology, University of Iowa
Fellowship: Pediatric Urology, University of Pennsylvania, Children’s Hospital of Philadelphia.
Research interests: risk of bladder cancer in patients with spina bifida and the treatment of children with vesicoureteral reflux
Dr. Austin comes to OHSU from the University of Iowa Department of Urology, where he was Associate Professor.

BRENDAN KELLY, M.D.
Cardiology
Medical degree: University of Michigan Medical School
Residency: Pediatrics, University of Michigan Department of Pediatrics, Chief Resident
Fellowship: Pediatric Cardiology, University of Michigan Department of Pediatrics.
Research interests: The use of therapeutic hypothermia in the management of low cardiac output in children after cardiac surgery

MISTY CARLSON, M.D.
Urology
Medical degree: Oregon Health & Science University
Fellowship: Pediatric Urology, Oregon Health & Science University
Special interests: pulmonary hypertension and heart failure.

JOEL FRIEDLANDER, D.O., M.B.E.
Gastroenterology
Medical degree: Arizona College of Osteopathic Medicine, Midwestern University
Residency: Pediatrics, Children’s Hospital of Philadelphia
Fellowship: Pediatric Gastroenterology, Children’s Hospital of Philadelphia.
Special interests: inflammatory bowel disease, gastrointestinal endoscopy, pediatric bioethics and medical education.
Dr. Friedlander comes to OHSU from the University of Pennsylvania, where he was an instructor in pediatrics.

ROBERT SCHELONKA, M.D.
Neonatology
Medical degree: Case Western Reserve School of Medicine
Residency: Pediatrics, Wilford Hall USAF Medical Center
Fellowship: Neonatology, Wilford Hall USAF Medical Center
Research interests: Relative immunodeficiency of neonates as a function of cellular immunity.
Dr. Schelonka joins OHSU Doernbecher as the division head of the NICU. Dr. Schelonka joins us from the University of Alabama at Birmingham where he was the associate medical director of the regional newborn intensive care nursery.

For referrals, consultations or more information call 503 346-0644 or toll free, 888 346-0644.