Thank you for taking the time out of your busy day to read Pediatric Pulse, Kentucky Children’s Hospital’s newsletter for referring physicians. In this quarterly newsletter, we provide updates on the happenings at Kentucky Children’s Hospital in addition to information on new or interesting services we offer.

In the last issue we discussed the success of opening the 4N wing to pediatric patients with the plan to use it as a progressive care unit. In addition to opening the PCU beds, we have moved our epilepsy monitoring unit (video EEG) to this wing and increase the capacity by one-third to further accommodate the growing need for this service. Coming this fall will be the addition of space on the second floor of UK Albert B. Chandler Hospital to house our Pediatric Sedation Services, providing a central location for our minor procedures requiring sedation. This will give us increased space for an infusion center and diagnostic center. There will be more to come as we work on refurbishing KCH.

In this issue, Johanne Dillon, MD, the head of our Pediatric Radiology team, will be discussing what’s new in pediatric radiology. Also, Anna Kamp, MD, pediatric radiologist, will discuss her role as an electrophysiologist and the services she is able to offer referring providers.

We are pleased to announce that Robert Dillard, MD, a pediatric gastroenterologist, joined us in July and began an outreach clinic in Frankfort in August. Also, Lars Wagner, MD, arrived in August to start his new role as chief of pediatric hematology/oncology.

I will once again remind you that numerous Kentucky Children’s Hospital records are now available through the UK Physician Portal. The most utilized information to date is the online discharge notes from the newborn nursery and units, along with lab results and procedural notes. More daily progress notes are also being made available online. Our liaisons will be glad to show you or your office staff how to access the portal.

I also urge you to contact me if we have messed up or not served you or our patient well. In my experience, most issues revolve around communication problems, and a quick call may help correct things. You can call me at 859-323-1432 or 859-323-8511, or call UK•MDs at 1-800-888-5533 to page me. My email address is cwall4@uky.edu.

Carmel Wallace, MD
Chair, Kentucky Children’s Hospital
Department of Pediatrics
Division Chief, General Academic Pediatrics
Off beat: Effective management of common pediatric rhythm abnormalities

Anna Kamp, MD
Pediatric electrophysiologist

Problem: Symptomatic arrhythmias that present in children with an otherwise normal heart are among the most commonly treated pediatric cardiac rhythm abnormalities, with supraventricular tachycardia (SVT) being the most prevalent. Previously, management of SVT in children with an otherwise normal heart often resulted in the use of medications to control the heart rhythm, exercise restrictions as well as an effect on the patient’s perceived quality of life. In the past, cardiac ablation was used only after medical management had failed. However, with new advancements in technical equipment, ablation is often offered as a curative option at the time of initial diagnosis for many patients with SVT.

A closer look at SVT management
Supraventricular tachycardia originating from a secondary electrical pathway between the atria and ventricle often generates heart rates exceeding 200 beats per minute in children and teenagers. Although relatively benign in nature, symptoms of SVT, including palpitations, dizziness, fatigue, pallor and shortness of breath, can cause significant fear for the child as well as for family members. All children with SVT should be evaluated for treatment by a pediatric cardiologist or pediatric electrophysiologist.

Management options of SVT in the otherwise normal heart may take three forms:
• Watchful waiting – In mild cases where children report only occasional episodes of SVT, there may be no need for medical management. Some patients might learn vagal maneuvers to terminate the tachyarrhythmia when it occurs.
• Pharmacologic management – Traditional use of beta blockers may be implemented to minimize episodes of SVT.
• Catheter ablation – Cardiac ablation may be offered at the time of diagnosis as a curative option.

Advantages of catheter ablation for SVT
• High success rate (as high as 95 percent or better in children with normal hearts)
• Outpatient procedure with short recovery time
• Often first line of treatment for children with other co-morbidities, such as ADHD or asthma

SVT patients who can benefit the most from cardiac ablation
• Children with SVT and co-morbidities of asthma or ADHD are likely to benefit significantly.
• Many athletes or highly active adolescents who experience SVT will be candidates for ablation and welcome the opportunity to continue sports without further symptoms or limitations.

Referral process for local and telemedicine patients
Physicians who desire consultation may contact the Department of Pediatric Cardiology directly. A pediatric cardiologist is available 24/7 to consult with you about EKGs or when a child is admitted to the ED. Call UK•MDs at 1-800-888-5533.

Pediatric patients with rhythm abnormalities who live far from UK may also access services through the Kentucky Telecare Network. Using telemedicine technology, patients can see the specialist just as if they were in the same room. Physicians in outlying areas with questions are encouraged to send EKGs to Dr. Anna Kamp. Additionally, a pediatric cardiology clinic nurse is available Monday through Friday and can be reached at 859-323-6754.

Referring physicians should call the Patient Access Center at 859-323-6754, and press 1 for telemedicine appointments.

Community Corner
Pediatric and adult ophthalmology close to home
Parents and children can now receive comprehensive eye care close to home, in addition to our Lexington offices.

In addition to adult subspecialists available to treat complex eye disease using the latest technology, specially trained pediatric ophthalmologists are available at both locations to diagnose and treat conditions common in children such as amblyopia and strabismus.

UK HealthCare Jessamine Eye Center
100 John Sutherland Drive, Suite 3, Nicholasville KY 40536
Specialties offered in Nicholasville:
Pediatric ophthalmology
Glaucoma
Primary eye care
To make an appointment in Nicholasville, call 859-881-1400.

UK HealthCare Eye Center-Richmond
920 Barnes Mills Road, Suite D, Richmond KY 40475
Specialties offered in Richmond:
Pediatric ophthalmology
Cornea and external diseases
Glaucoma
Retina and vitreous diseases
Primary eye care
To make an appointment in Richmond, call 859-624-EYES (3937).
Johanne E. Dillon, MD  
Division chief, pediatric radiology

Exciting changes are taking place in the Division of Pediatric Radiology. Our roster of board-certified, fellowship-trained pediatric radiologists is now complete.

Who are our pediatric radiologists?
Harigovinda R. Challa, MD, has been on staff at UK since August 2009. Johanne E. Dillon, MD, division chief, joined the UK faculty in September 2011. Edward J. Richer, MD, our newest colleague, arrived in July.

In addition, Barbara K. Pawley, MD, a member of the Division of Emergency Radiology, is also a board-certified, fellowship-trained pediatric radiologist who rotates in the Division of Pediatric Radiology.

What is the goal of the Division of Pediatric Radiology?
Although our interests are many and diverse, as your imaging consultants we share one common goal: We want to serve the imaging needs of UK pediatric patients. To that important end, we are ready and willing to partner with you to determine the most appropriate imaging test(s) that will help you answer your clinical questions.

What should you do if you have a question about which imaging test you should order?
We welcome your questions and would be pleased to address any concerns that you may have regarding your patients' imaging needs. Please feel free to call Dr. Dillon at 859-257-6390, Dr. Challa at 859-257-6691, or Dr. Richer at 859-257-6338 in the Kentucky Children’s Hospital pediatric radiology reading room (HX403), or you can stop by and speak to us in person. For after hours questions regarding imaging examinations, including questions related to the ordering of examinations, and for all after hours stat MRI requests, please contact the ED Radiology resident at 859-323-5338 or 859-323-3000 ext. 1729.

What are some of the things that may be helpful to know when ordering a pediatric imaging study?
The patient should have nothing to eat or drink for a period of at least a few hours (amount of time varies with age) prior to selected examinations, such as abdominal/right upper quadrant ultrasound, upper GI series, barium swallow, or modified barium swallow. If in doubt, please call us.

We are able to perform pediatric fluoroscopic studies with pulsed fluoroscopy, which sharply reduces the dose of ionizing radiation compared to non-pulsed fluoroscopy. We will strive to limit the dose in any pediatric study involving ionizing radiation.

To refer a patient, call UK•MDs at 1-800-888-5533.

Keeping children safe
from Safe Kids Fayette County

Pointers to keep young athletes injury free:
• Pre-participation examination – Exams should be completed annually to detect underlying conditions to prevent potential medical emergencies.
• Warm up/stretching – Perform these exercises before practices and competitions to prevent muscle tears and sprains and to release muscle tension.
• Hydration – Drink water or sports drinks at least 30 minutes prior to activity and every 15-20 minutes during play. Establish mandatory fluid breaks during practices and games.
• Gear – Wear protective gear and use properly fitting equipment during practice and games.
• Qualified coaching – Coaches should establish team safety guidelines, such as taking frequent hydration breaks, recognizing and responding to concussions and overuse injuries, following game rules, and enforcing good sportsmanship conduct.
• Supportive parenting – Learn ways to keep your children injury-free and optimally healthy during the season.

For more information, contact Safe Kids Fayette County at 859-323-1153 or visit our website www.safekidsfayettecounty.com or on Facebook.

Physician Liaison Program
The Physician Liaison Program works to improve service to providers who refer patients to UK HealthCare physicians, hospitals and clinics. The team’s role is to facilitate communication between you, the referring provider, and our physicians and staff so you get the access and information you need.

If you have questions, or would like to schedule portal training, contact Tarra Crane at 859-257-5736 or tlcran2@email.uky.edu.
Pediatric Specialty Care Now Offered in Frankfort

Cardiology
Take heart! We’re back!
We understand your need for pediatric heart services in the local community. That’s why we have returned to the Frankfort area. Pediatric cardiologist Lisa Rachelle Klein, MD, FAAP, FACC, recently joined Kentucky Children’s Hospital and is now seeing patients in Frankfort on the second Friday of every month. Prior to her arrival, Dr. Klein was a longtime faculty member of the University of Louisville School of Medicine. Most recently, she served as medical director of the Hickory, N.C., satellite location of the Sanger Heart and Vascular Institute.

Clinic location: 601 Chamberlin Ave., Suite A
Frankfort KY 40604
Clinic hours: Second Friday of each month
8:30 a.m. – 2 p.m.
To make an appointment or refer a patient, call 859-323-6754.

Gastroenterology
Pediatric gastroenterologist Robert Dillard, MD, FAAP, recently joined Kentucky Children’s Hospital and will see patients in Frankfort every Monday beginning in September.

Dr. Dillard received his medical degree from UK. He completed his residency at Children's Memorial Hospital at the University of Oklahoma Medical Center in Oklahoma City. After his residency, Dr. Dillard served in the military and became chief of pediatrics at the U.S. Naval Hospital in Pensacola, Fla. While in Florida, he continued to develop an interest in pediatric nutrition and medical student/resident education.

He then moved to East Carolina University to become an assistant professor of general pediatrics and associate director of ambulatory pediatrics. Following that, he completed his fellowship training in pediatric gastroenterology and nutrition at Children’s Hospital Medical Center at the University of Cincinnati and was recruited by Sacred Heart Hospital and Nemours Children's Clinic in Pensacola, Fla.

Wanting to return to Kentucky, he joined the pediatric gastroenterology team at the University of Louisville and is now returning to his hometown of Lexington to rejoin Kentucky Children’s Hospital as chief of pediatric gastroenterology.

Dr. Dillard has presented at regional, national and international meetings and has authored instructional books, contributed to others and served as a reviewer for the American Academy of Pediatrics publications and the Journal of Pediatric Gastroenterology & Nutrition and has participated in numerous research projects.

His clinical interests include therapeutic endoscopy, intestinal bowel disease and general pediatric gastroenterology and nutrition.

Clinic location: 601 Chamberlin Ave., Suite A
Frankfort KY 40604
Clinic hours: The clinic is held every Tuesday
To make an appointment or refer a patient, call UK•MDs at 1-800-888-5533.

Surgery
Kentucky Children’s Hospital pediatric surgeons provide consultations as well as post-op appointments on Wednesdays beginning Sept. 26.

Our team of John Draus, MD; Kara Cole, PA-C; Joe Iocono, MD; and Sean Skinner, MD, will see children requiring general pediatric surgical needs.

Clinic location: 601 Chamberlin Ave., Suite A
Frankfort KY 40604
Clinic hours: The clinic will be held in the mornings on the second and fourth Wednesdays of each month.
To make an appointment or refer a patient, call UK•MDs at 1-800-888-5533.

Nephrology
Beginning Oct. 5, Kentucky Children’s Hospital pediatric nephrologists Stefan Kiessling, MD, and Aftab Chishti, MD, will provide diagnosis, treatment and management of childhood renal diseases.

Clinic location: 601 Chamberlin Ave., Suite A
Frankfort KY 40604
Clinic hours: The clinic will be held on the first and third Fridays of every month.
To make an appointment or refer a patient, call UK•MDs at 1-800-888-5533.
Meet our new physicians

Kentucky Children’s Hospital is pleased to welcome:

**Lars M. Wagner, MD**  
*Chief, Pediatric Hematology/Oncology*

Dr. Lars Wagner comes to Kentucky Children’s Hospital from Cincinnati Children’s Hospital Medical Center to head the Division of Pediatric Hematology/Oncology. After attending medical school at UK, he went on to complete his pediatric residency at LeBonheur Children’s Hospital in Memphis, Tenn. Following four years in private practice as a general pediatrician, Dr. Wagner completed a pediatric hematology/oncology fellowship at St. Jude Children’s Research Hospital in Memphis.

Dr. Wagner is a member of the American Academy of Pediatrics, the American Society of Pediatric Hematology/Oncology, the Children’s Oncology Group, the Association of Clinical Research Professionals and the Connective Tissue Oncology Society. He has given national and international presentations regarding the care for children with cancer, authored multiple manuscripts and book chapters, and led several institutional and national clinical trials for patients with relapsed childhood cancers.

His clinical interests include caring for patients with sarcoma, neuroblastoma and brain tumors. Specifically, he has focused on the development of novel therapeutics as well as the detection of minimal residual disease in children with high-risk cancers.

**Robert P. Dillard, MD, FAAP**  
*Chief, Pediatric Gastroenterology*

Dr. Robert Dillard comes to Kentucky Children’s Hospital from private practice to head the division of pediatric gastroenterology. After attending medical school at UK, he went on to complete his residency at Children’s Memorial Hospital at the University of Oklahoma Medical Center in Oklahoma City. Dr. Dillard completed his fellowship training in pediatric gastroenterology and nutrition at Cincinnati Children’s Hospital Medical Center.

He is a member of several professional organizations including the American Academy of Pediatrics; American Gastroenterology Association; North American Society of Pediatric Gastroenterology, Hepatology and Nutrition; Crohn’s and Colitis Foundation; and American Society of Gastrointestinal Endoscopy.

Dr. Dillard has received numerous awards and recognitions throughout his career. He has presented at regional, national and international meetings and has authored instructional books, contributed toward others and served as a principal reviewer for the American Academy of Pediatrics. He has also been involved in clinical trials receiving grant support including a few as principal investigator.

**Mina H. Hanna, MD**  
*Neonatologist*

Dr. Mina H. Hanna is a board-certified pediatrician and comes to Kentucky Children’s Hospital from the University of Iowa Children’s Hospital, where he completed his fellowship. He completed his residency at St. John Hospital and Medical Center in Detroit and obtained his medical degree at the University of Alexandria, Egypt.

Dr. Hanna’s clinical interests are medical management of preterm infants and acute kidney injury in newborns. His research interests include markers of acute kidney injury in preterm infants and the role of metabolomics in the neonatal intensive care unit.

To refer a patient to one of these physicians for evaluation, call UK•MDs at 1-800-888-5533 or visit us online at ukhealthcare.uky.edu.

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**Save the date**

**Advanced Pediatric Life Support (APLS)**
**Friday, November 9, 2012**  
Cher Building, Morehead, KY

The APLS Course focuses on the evaluation, diagnosis, and initiation of treatment of many pediatric medical, surgical and in the field emergencies during the time the patient’s condition is being stabilized in the clinic, emergency department, or field.

Registration: $300 (registration provides textbook, materials for hands-on demonstrations, breakfast and lunch)

Register by Nov. 2 by contacting Tarra Crane at 859-559-7602 or tlcran2@email.uky.edu.

**2013 Kentucky Children’s Hospital Contemporary Pediatrics Conference**
**Thursday-Saturday, May 16-18, 2013**  
Lexington, Ky.
Lou Bezold, MD will be serving in a new position at UK HealthCare.

Dr. Bezold will be one of two quality and safety directors with an emphasis on Kentucky Children’s Hospital. With this new responsibility comes a time commitment that has led Dr. Bezold to step down as the chief of cardiology and director of the pediatric ECHO lab.

To help in this transition period, Doug Schneider, MD, has agreed to assume the role of chief of the Division of Cardiology. He will retain his position as medical director of the KCH Congenital Heart Program and continue to serve as the director of the Pediatric Cath Lab program.

Kristopher (K.C.) Cumbermack, MD, will assume the role of director of the Pediatric ECHO Lab. Anna Kamp, MD, will assume the position of director of the Pediatric Electrophysiology Lab.

The Adolescent Medicine Clinic Moved

On June 19, the clinic relocated from the second floor to the fourth floor of the Kentucky Clinic in Wing D (blue wing). Clinic hours and appointment numbers remain the same. To contact the clinic directly, call 859-323-5643. A physician and a mental health provider can be reached 24 hours a day, seven days a week by calling UK•MDs at 1-800-888-5533.