



PEDS NEWS

November 2012
Volume 13, Issue 5

QUALITY IMPROVEMENT (QI) INITIATIVES IN THE DEPARTMENT OF PEDIATRICS



Dr. Terri Ashmeade, Chief of the Division of Neonatology and Medical Director of TGH's Neonatal Intensive Care Unit, was appointed the Quality Improvement Officer for the Department of Pediatrics in 2010, and the Medical Director for Quality, Patient Safety and Performance Improvement for the USF Physician's Group in September 2012. . She received training in QI and patient safety at the Institute for Healthcare (IHI) improvement, and recently earned the designation of Certified Professional in Healthcare Quality by the National Association for Healthcare Quality.

As the USFPG Director for Quality, Dr. Ashmeade works closely with Dr. Charles Paidas, Associate Dean for Clinical Affairs, to set QI and patient safety goals for USF physicians. The team assists departments in meeting their performance improvement goals by provide QI coaching, assistance with developing goals and evaluation measures, and helping with data management. As the Pediatric Department QI officer, Dr. Ashmeade serves as a quality coach to help divisions or clinical programs work on quality issues, and she helps guide QI projects. She encourages those who want to learn more about QI and patient safety to visit the IHI's website (www.ihl.org) and to join the IHI's Open School for Health Professions. The school provides courses, certificates and many resources; enrollment is free for faculty, residents and students.

INSIDE THIS ISSUE:

<i>A Message from the Chair</i>	2
<i>Fun Around Peds</i>	2
<i>New & Noteworthy</i>	
<i>Kudos</i>	3
<i>Resident's Corner</i>	3
<i>Presentations</i>	4
<i>Publications</i>	5
<i>Incoming Fellows</i>	5
<i>Save the Date</i>	6
<i>Peds Growing Family</i>	6

The Pediatric Residency program has developed a QI program that will ensure residents appreciate the need for continuous QI in health care, and that will enable residents to gain the knowledge and skills needed to participate in continuous QI efforts. The program spans the 3 years of residency, and uses on-line training modules and interactive discussion sessions. All residents are required to participate in a QI project and to present the results at an academic forum during their last year of residency.

The Neonatal Intensive Care Unit's Quality Improvement Project: The Golden Hour Pathway. A team of caregivers, led by Terri Ashmeade, MD, is conducting a QI project in the TGH neonatal intensive care unit. The goal is to improve the outcomes of infants born with extremely low birth weights (≤ 2.2 pounds) by paying careful attention to clinical care during the critical first hour of life. The process they developed, known as the Golden Hour Pathway, includes improved communication in the delivery room, close attention to infants' temperature and oxygen needs, support for underdeveloped lungs, and early administration of intravenous nutrition. *(cont'd on page 5)*



Peds News | *A Message from the Chair*

It is widely recognized that the health care delivery system in the U.S. is frequently ineffective in translating existing knowledge to clinical practice, and in applying new technology in a manner that is safe and appropriate. Quality improvement (QI) efforts are critical to improving the health of patients, and physicians are encouraged to take the lead in improving the quality of the U.S. health care system. USF Pediatrics is proud to be undertaking creative and effective QI initiatives that include preparing future pediatric health care providers to improve the quality of health care delivery. Quality is one of the cornerstones intertwined in every aspect of our core missions. In this newsletter, we highlight several of the innovative QI programs and research efforts that have been undertaken by Pediatric faculty and staff. These efforts include those of Dr. Terri Ashmeade, the Department's QI officer, and her team to improve the outcomes of preterm infants admitted to TGH's neonatal intensive care unit; the residency program's QI program, led by Dr. Diane Straub, that is providing residents with the knowledge and skills to participate in continuous QI efforts; Dr. Maya Balakrishnan and the Florida Perinatal Quality Collaborative that is working to improve maternal and infant health outcomes; and the USF Pediatrics team that is working to obtain recognition by the National Committee for Quality Assurance for their development of a Patient-Centered Medical Home. We applaud these initiatives, and I urge each of you to fully support these individuals in their efforts to improve the quality of health care delivery, education, research and community engagement, all with the goal of improving the health of our patients and our community.



Patricia J. Emmanuel, M.D.
Chair
Department of Pediatrics

Fun Around Peds



Drs. Takagishi and Maldonado enjoyed Halloween with staff from the Health Park Clinic!

Lana Soyly, MD worked with residents, medical students and premedical students to staff a table at the Bob Gilbertson YMCA Health Fair on September 22nd. The health care providers measured blood pressure and body mass index on adults and children, handed out information, and made referrals as needed.



John Curran, MD, founder of the Division of Neonatology and currently Associate Vice President for Faculty and Academic Affairs, helped promote an exhibit created by The National Institutes of Health to display and highlight the history and origins of magic and medicine. The "Harry Potter's World: Renaissance Science, Magic, and Medicine," display can be found at The Shimberg Library on the Tampa campus of USF Health now through December <http://www.nlm.nih.gov/exhibition/harrypottersworld/>



Kudos

Dr. Carina Rodriguez was awarded a 2013 Community Access to Child Health (CATCH) Planning Grant from the American Academy of Pediatrics for her project entitled *Comprehensive Health System for Vulnerable Youth*. Dr. Rodriguez will conduct a community needs assessment with the aim of creating a medical home system of comprehensive and continuous healthcare for vulnerable youth at the newly opened Ybor Youth Clinic.

Dr. Rohit Aswani, a second year neonatology fellow, received \$25,000 from USF's Graduate Medical Education office to support his study entitled *Identification of Problem and Skill Assessment in Learning Neonatal Intubation: A Descriptive Study Examining the Gaps in Procedural Proficiency*. Dr. Aswani will use a recording video laryngoscope to study the development of neonatal intubation skills by health care providers. He will evaluate performance in the simulation laboratory, then in patients in the neonatal intensive care unit.

Michelle McKinney, Linkage to Care Coordinator for the Division of Infectious Disease, was elected by representatives from 10 sites to serve as the Outreach Worker representative for the Adolescent Trial Network (ATN) 116 protocol team.

Dr. Carina Rodriguez received a full scholarship to attend the 2012 National Summit on HIV and Viral Hepatitis Diagnosis, Prevention and Access to Care to be held in Washington DC in November, 2012. She will present a poster entitled *Educational Tools to Enhance Route HIV Testing in Adolescents and Young Adults* at the meeting.

Dr. Cameron Tebbi was awarded a patent based on his prior laboratory research. The patent is entitled *Methods of Detecting Susceptibility to Leukemia/Lymphoma and Induction of Leukemias and Lymphomas*.

Dr. Tebbi was also the recipient of several other honors in 2012, including a Certificate of Special US Congressional Recognition, inclusion in the Top 1% of Pediatric Oncologists by US News and World Report, and re-election to Top Doctors in America.

Carla Duff, ARNP was elected to the Board of the International Nursing Group for Immunodeficiencies.

Dr. Mary Pavan and her colleagues have received approval as a Cleft Palate Team and a Craniofacial Team from the American Cleft Palate Craniofacial Association. They were the first cleft palate team in the state, starting in St. Petersburg in 1954. In 1989, the cleft palate teams in St. Petersburg and Tampa were joined under Dr. John Curran's leadership to form the Craniofacial Team. The team provides care to affected children in Tampa and St. Petersburg, and includes numerous clinical specialists throughout the region, in addition to parents.

Residents Corner

Drs. Cristina Pelaez-Velez and Sharon Dabrow are working with the Continuity Research Network (CORNET) to conduct a nationwide survey of residents' attitude, use and experience with health information technology. CORNET is a national, practice-based research network that includes over 100 pediatric training programs across the country. USF residents are encouraged to participate in the survey – the program will receive \$100 for resident participation!

Drs. Erin Wright and Mariah Gilispie attended the recent AAP meeting in New Orleans, where they represented the residency program and participated in several meetings held by the Residency Section.

Dr. Haley Howard matched with the USF Neonatology Program. Congratulations!

Peds News | New & Noteworthy

Presentations

Many USF physicians and residents attended the Academy of Pediatrics National Conference and Exhibition held in New Orleans, LA on October 20-23. Pictured to the right are medical student **Erin Wright** and **Dr. Cristina Pelaez-Velez**, who is the District X Executive Representative for the AAP's Section on Young Physicians. Dr. Wright helped recruit medical students to the organization.



USF faculty and residents made two presentations at the AAP conference:

- Pediatric resident **Dr. Anthony Sochet** presented a poster entitled *Small for Gestational Age is an Important Pre-Operative Risk Factor for the Management of Patients with Hypoplastic Left Heart Syndrome*. Other authors included **Katherine Braley**, **Elimarys Perez-Colon**, **Jennifer Leshko** and **Gul Dadlani**.
- **Dr. Mark Kayton** made an oral presentation entitled *Precipitation of Heparin and Ethanol May Be Reduced Using A Combined Isopropanol-Ethanol Locking Solution for Vascular Access Devices*.

Michael Fant, MD, PhD, a member of the Division of Neonatology, was recently invited to speak at *Prematurity and Maternal Health* – the 33rd Annual Conference of the National Perinatal Association, held October 18-20 in Tampa. The title of his talk was *The Postnatal Implications of Intrauterine Growth Restriction*.

Dr. Morna Dorsey made a presentation entitled *Updates on New Primary Immunodeficiency Diseases* at the Immune Deficiency Foundation's Family Conference Day, held in Tampa on October 6.

Dr. Marisa Coulouris presented a poster entitled *A Pilot Project Using Losartan to Treat Idiopathic Pulmonary Fibrosis* at the Drug Information Association/National Organization for Rare Disorders Conference held in Washington, DC on October 22-24th, 2012.

USF Pediatric faculty made two presentations at the 13th Chronic Illness and Disability Conference: Transition from Pediatric to Adult-Based Care meeting, October 18, 2012, Houston, Texas:

- **Janet Hess** made an oral presentation entitled: *Building a State Health Care Transition Plan: The Florida Experience*.
- **Dr. John McCormick** presented a poster entitled: *Caring for Young Adults with Special Health Care Needs: Teaching Transitional Care to Adult Care Providers*.

The Update in Allergy & Immunology 2012 Symposium and Rhinology Workshop was held at the Center for Advanced Medical Learning and Simulation (CAMLS) on October 5-6. **Dr. Morna Dorsey** chaired the afternoon session. Physicians and fellows from the Division of Allergy/Immunology presented case reports: *Evaluation of Granulocyte Disorders (Drs. Jennifer Leiding and Jean Brown)*; *Recurrent Infections: When is a Work-up Indicated (Drs. Panida Sriaroon and Hava Tillipman Ladinsky)*; *Newborn Screening for SCID: What the Primary Care Clinician Needs to Know (Dr. Jennifer Leiding)*. **Dr. Mandel Sher** presented *The Cough That Won't Go Away*.



Pediatric resident **Dr. Fateema Turay** and **Dr. Mike Wilsey** presented a poster entitled *Rectal Pyogenic Granuloma in a Child Presenting with Hematochezia* at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition's Annual Meeting on October 18, Salt Lake City, Utah. Other authors included DT McClenathan, I Gonzalez-Gomez and A Swain.

Pediatric Quality Initiatives (cont'd from page 1)

The team found that infants admitted to the unit after the Pathway was implemented were significantly less likely to develop chronic lung disease or retinopathy of prematurity – a common and potentially devastating eye disease in this population.

The results of their project have been presented at national meetings. Other members of the team include **Laura Haubner, MD**, Karen Fugate, ARNP, **Sherrie Collins, ARNP**, and Branko Miladinovic, PhD. Congratulations to the team on their terrific efforts to improve the health outcomes of our most vulnerable pediatric population!

The Florida Perinatal Quality Collaborative (FPQC) is working to improve Florida's maternal and infant health outcomes by assuring quality perinatal care for all of the State's women and infants. **Dr. John Curran** is the principal investigator for the Collaborative. The Collaborative's goals this year are to focus on improving delivery room management, neonatal nutrition and outcomes of infants with neonatal abstinence syndrome. **Dr. Maya Balakrishnan** represents USF Pediatrics in the FPQC, and she will be leading the group's state-wide efforts to improve delivery room management. She recently received funding from the Collaborative which will support her efforts with this project, and her efforts to spread awareness of the value of data-driven activities to improve quality of care.

As highlighted in the August 2012 Newsletter, a QI team of USF physicians, residents and staff is working to obtain **Patient-Centered Medical Home** certification by the National Committee of Quality Assurance.

Publications

Dr. Patricia Emmanuel is an author for an article entitled: *Methicillin-Resistant Staphylococcus aureus Infections in Human Immunodeficiency Virus-Infected Children and Adolescents*. AIDS Research and Treatment. 2012:pg 627974, 2012.

Dr. Jennifer Leiding is lead author for an article entitled: *Successful sirolimus graded dose challenge in an erythromycin-allergic patient*. Ann Allergy Asthma Immunol 109(4):284-5, 2012.

Dr. Cameron Tebbi is lead author for an article entitled: *Response-dependent and reduced treatment in lower risk Hodgkin lymphoma in children and adolescents, results of P9426: A report from the Children's Oncology Group*. Pediatr Blood Cancer. 15:59(7):1259-65, 2012. [Epub ahead of print]

Incoming Fellows

The Division of Neonatology has accepted 4 neonatology fellows for the 2013/2014 academic year. We look forward to meeting them in June!

Haley Howard, DO
University of South Florida

Graciela Rabri, MD
University of Puerto Rico

Alejandro Diego, MD
University of Texas Medical Branch
Galveston, TX

Thais Queliz, MD
Lincoln Medical & Mental Health Center
Bronx, New York

Peds News | Save the Date

Grand Rounds

Dec 6 **Turning the Screening in Cardiovascular Disease: What have we learned in 2012 through post-graduate research?**
Gul Dadlani, MD; All Children's Hospital
Drs. Rohit Aswani, Rebecca Levin, Katheryn Braley,
Anthony Sochet and Elimarys Perez-Colon; USF Pediatrics

Dec 13 **Abdominal Trauma in Children: The Cutting Edge (often without the cutting)**
Mark Kayton, MD
USF Department of Surgery

Dec 20 **Genomes, Genes, and a Most Unusual Basis for Genetic Disease**
Gary Litman, PhD
Hines Professor
USF Pediatrics

Dec 27 *Happy Holidays*

Lectures are from 8:00 to 9:00 AM

MacInnes Auditorium—Tampa General Hospital

Lectures are video-conferenced to the All Children's Hospital/USF Children's Research Institute first floor conference room and to the CMS Building, Room 2004

Archived copies of most lectures are available on our website: http://health.usf.edu/medicine/pediatrics/grand_rounds.htm

NEW HIRE:

Yarinia Milian, LPN
MedPeds & General Pediatric Clinics

peds GROWING Family

Haley Howard, MD
delivered a baby boy on 9/22/2012 named Cannon Monroe Howard. He weighed 8 lbs 15 ounces and was 21 inches long.



Jennifer Divine, MD
delivered a baby boy on 10/23/2012 named Hunter Divine. He weighed 7 lb 4 oz.



Important Update: Date Change

The 2013 Lewis A. Barness Lecture and Fellows' Forum (posted in last month's newsletter) **has been changed** from April 11th to **April 4, 2013**. Please mark your calendars!

EDITOR: Jane Carver
Cell: 727-804-8811

Email: pedicom@health.usf.edu

Please email submissions for next month's issue by December 1st