

LEADINGEDGE

WINTER 2017

MAGAZINE

A woman with long brown hair, wearing a teal hospital gown, is smiling and looking towards a man on the right. She is holding a newborn baby wrapped in a teal blanket. The baby has a white bandage on its forehead and is connected to medical equipment, including a clear plastic bag and various tubes. The background shows a hospital setting with a patterned chair back.

Protecting the
Most Vulnerable

Caring for the
**Developing
Nervous System**

Leading-Edge Care for
Growing Bones



Pediatric *Oncology*

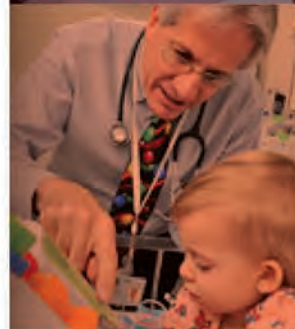
Childhood cancer. It affects such precious lives.

At Cabell Huntington Hospital's Hoops Family Children's Hospital, we are trained to provide them with healing care - treating each child as if they were our own. Our goal is to make every day better than the one before. That's why we're here. You see, anyone can say they are a children's hospital, but...

It's what's inside that counts



hoopschildrens.org | 304.399.4667 (HOOP)



From the President & CEO

It's What's Inside



It's well known in health care that "children are not just small adults." Instead, they are a special group of patients with their own unique needs. They are susceptible to a wide range of illnesses that adults are not. They require a specialized level of care and treatment, with a highly trained medical team that puts children and families first. And, they deserve all of that close to home.

I'm proud to say that we are meeting the unique needs of children right here at the Hoops Family Children's Hospital a part of Cabell Huntington Hospital. And it's thanks, in a large part, to you — our family, friends and neighbors who have participated in fundraising efforts both large and small to make this facility a reality.

In this issue of *The Leading Edge Magazine*, we'll introduce you to the breadth and depth of our newly completed children's hospital. The pediatric services and expertise we offer at Hoops are what you would expect to find in a much larger city — and for many years, that's where children in our community had to travel for specialized pediatric care. As you'll see in the following pages, that's no longer the case.

We are honored, privileged and extremely proud to provide children in our region with leading-edge pediatric care close to home. Most of all, we are thankful for a community that continues to support the growth of this incredible facility. With an ever-increasing number of specialists, state-of-the-art services and technologies designed with the unique needs of children in mind, we are making a real and lasting difference in the lives of children and their families. Anyone can say they're a children's hospital, but *it's what's inside that counts!*

Kevin N. Fowler
President and CEO

**President &
Chief Executive Officer
Cabell Huntington Hospital**
Kevin N. Fowler

**Executive Editor, Vice President
Strategic Marketing & Planning
Cabell Huntington Hospital**
Lisa Chamberlin Stump

Publisher
Jack Houvouras

Managing Editor
Dawn Nolan

Layout & Design
Katie Sigler
Phil Stanley
Suzanna Stephens

Photography
Rick Lee
Steve Payne
Mark Webb

Writers
Katherine Pyles
Shawn Jordan

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The Leading Edge Magazine,
contact the Strategic Marketing
and Planning Department
at 304.526.2260.

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1340 Hal Greer Blvd.
Huntington, WV 25701



HQ Publishing Co.
P.O. Box 384
Huntington, WV 25708
Phone 304-529-6158
www.hqpublishing.com

Skill, Knowledge, Compassion



Jillian McCagg, MD, surgeon, and Farid Mozaffri, MD, plastic and reconstructive surgeon, collaborate on a patient's procedure.

Children can't always explain what's bothering them, but at the Hoops Family Children's Hospital, the region's most experienced and highly trained pediatric specialists know how to find out what's wrong. And, when a child's illness or injury requires surgery, the pediatric surgeons of Marshall Surgery provide care and treatment with skill, knowledge and compassion.

"Children are not just physiologically different from adults," said board-certified critical care surgeon Jillian McCagg, MD. "They're also cognitively and emotionally different. We don't just run in and perform a surgery; we get to know them and try to help them feel comfortable. And, when we're explaining a surgery, we know we're not just talking to a patient; we're talking to the entire family to help them feel at ease."


Pediatric surgery has long been offered at Cabell Huntington Hospital under the leadership of Bonnie Beaver, MD, FACS, FAAP. With the addition of Dr. McCagg and pediatric surgeon John Dinsmore, MD, the pediatric surgery

team is able to perform a full range of surgical procedures, including minimally invasive laparoscopy, foreign body removal, trauma surgery, vascular surgery and the surgical removal of tumors.

"A multidisciplinary approach is critical," Dr. McCagg said, "both during and after surgery."

"After seeing children at their sickest and most painful, it's a moment of joy and pride to walk into the Hoops playroom and join them for a video game or watch them work with our child life specialist with a smile on their faces," Dr. McCagg said. "It takes all of us to care for children, and we all work hand in hand to meet their needs."

For more information about pediatric surgery, call 304.691.1200.

Dr. Jillian McCagg is an assistant professor and Dr. Bonnie Beaver is a professor in the Department of Surgery at the Marshall University Joan C. Edwards School of Medicine. 

Replacing Concern with Comfort

When a child needs anesthesia, it's often more stressful for the parents than for the child. With the experience and expertise of board-certified, fellowship-trained pediatric anesthesiologist Kyle Smith, MD, concern gives way to comfort — for children and parents alike.

Dr. Smith has advanced training in the latest and safest anesthesia techniques for children. He provides anesthesia services for all pediatric surgeries, as well as certain diagnostic and therapeutic procedures that can be stressful and painful to children. He works closely with a team of compassionate, caring CRNAs (certified registered nurse anesthetists) to help children “take a nap” before undergoing a procedure. At the Hoops Family Children’s Hospital, a new pediatric sedation room allows all of that to happen in a soothing, child-friendly environment.

“We really get to know the kids who have multiple procedures, and that’s rewarding,” Dr. Smith said. “For them, it’s not scary anymore. They’ll come in and say, ‘Oh, you’re going to help me take a nap,’ and then tell us what they want for breakfast afterward. They don’t remember the needles or the pain. They remember meeting fun people, playing with toys and getting a special breakfast. A happy, comfortable kid — there’s just nothing better than that.” 🌟



“My goal is to ease the anxiety of a stressful, fearful situation. Even if I only get to spend a few minutes with a family before surgery, I want to make sure they know I’m going to take care of their child like he or she is my own.”

-Dr. Kyle Smith, pediatric anesthesiologist

Comprehensive Care for Childhood Cancers

Childhood cancers and hematologic (blood) disorders are rare, and they require a team approach to diagnosis and treatment. At the Edwards Comprehensive Cancer Center (ECCC), that team includes board-certified, fellowship-trained pediatric hematologists/oncologists Paul Finch, MD, and Linda Stout, MD, who work closely with specialists at the Hoops Family Children's Hospital and pediatric cancer experts nationwide to provide specialized, individualized care.

For patients, the team approach begins with an unparalleled nursing staff, led by pediatric oncology nurse practitioner Brooke Bella, APRN, FNP-BC.



“When children come to our clinic, they know they’ll see people who really care about them, who are invested in them and who want to make this a safe place for them,” Dr. Finch said. “They know their nurses will be familiar with all their little quirks. They know they’ll be able to access their port without a lot of pain and find all their favorite movies and toys to play with.”

At the ECCC, compassionate care is complemented by the safest, most effective cancer treatments available. Due to the rarity of childhood cancers, collaboration among leading pediatric cancer experts is paramount.

“Leukemia is the most common childhood cancer, and in the United States, there are only about 3,000 cases a year,” Dr. Stout said. “For solid tumors, that drops to around

500 cases a year. In order to treat these cancers now and perform the research that will treat them in the future, we must work collaboratively.”

Partnerships with Nationwide Children's Hospital and the Children's Oncology Group provide young cancer patients at the ECCC with access not only to advanced clinical trials, but also to leading experts in extremely rare pediatric cancers. Dr. Finch and Dr. Stout consult weekly with world-renowned pediatric hematologists/oncologists all over the country.

“We present and review our specific cases in detail and, as a team, come up with the best treatment plan,” Dr. Finch said. “With relapsed or refractory cancers or complex cases where a current standard of care doesn't exist, it is immensely valuable to have a peer-review process. It provides all of our patients with a higher standard of care.”

At the Hoops Family Children's Hospital, young cancer patients receive streamlined care and support from pediatric specialists in cardiology, gastroenterology, gynecology and other disciplines as well as physical, occupational and speech therapy. Dr. Finch and Dr. Stout work closely with other pediatric specialists to ensure the best outcomes for their patients.

“Cure rates for childhood cancers have improved drastically in recent years,” Dr. Finch said. “Now, with less toxic therapies and the specialized knowledge we have right here at Hoops, we're looking at ways to reduce short- and long-term side effects. We're looking at psychosocial issues, fertility preservation, learning difficulties and how we can provide better care for children once their treatment has ended.”

For more information about pediatric oncology at the ECCC, call 304.399.6503.

Dr. Paul Finch and Dr. Linda Stout are assistant professors in the Department of Pediatrics at the Marshall University Joan C. Edwards School of Medicine. ☸

“**Cure rates** for childhood cancers have **improved drastically** in recent years.”

- Dr. Paul Finch, pediatric hematologist/oncologist



The Heart of the **Matter**



Most heart symptoms are harmless. For many children, abnormal heart rhythms and even chest pains are a normal part of growing up. Still, when it's your child, you want to know for sure.

At the Hoops Family Children's Hospital, board-certified and fellowship-trained pediatric cardiologists Jack Stines, MD, and Jeffrey Harris, MD, diagnose and treat children

for a full range of heart problems. They also rule out heart disease and disorders for children experiencing palpitations, hypertension, fainting, dizziness or chest pains.

"When pediatricians suspect a possible heart problem, they'll often refer a child to us so that we can investigate further," Dr. Harris said. "It's always nice when we're able to tell parents, 'Your child is OK.'"



Jack Stines, MD, pediatric cardiologist

However, when heart symptoms point to something more serious, children and families throughout the region trust the pediatric cardiology team at Hoops to diagnose and treat even the most complex disorders of the heart and major blood vessels. Dr. Harris and Dr. Stines specialize in managing heart disease in young athletes and also have extensive training in caring for children with single-ventricle heart defects. Using what's called pulse oximetry, or pulse ox screening, Dr. Stines and Dr. Harris evaluate newborn babies at Hoops for congenital heart defects.

“With pulse ox screenings, we’re able to detect life-threatening heart defects that otherwise can go unnoticed,” said Dr. Stines, noting that West Virginia is among the states that require the screening by law. “There are critical congenital heart defects that don’t become evident until 48 to 72 hours after birth, and this simple, noninvasive screening helps us identify most of those defects before the babies go home.”

With diagnostic procedures for children ranging from newborns to adolescents, including electrocardiograms, echocardiograms and exercise tests, the pediatric cardiology team investigates, diagnoses and treats both acquired and congenital heart problems. Dr. Stines and Dr. Harris work closely with the other pediatric specialists at Hoops to provide comprehensive care.




Jeffrey Harris, MD, pediatric cardiologist

“Often patients with cardiac problems have other problems as well, and they need additional specialists involved in their care,” Dr. Harris said. “With the growth of the Hoops Family Children’s Hospital, those specialists are right here in one place, working together. It’s not just more efficient — it’s a higher level of care.”

“At the end of the day,” he said, “nothing is more rewarding than knowing they’ve made a difference in the life of a child.”

“In this field, children and their families sometimes go through terrible things,” Dr. Harris said. “Often what our patients need most from us is to know we’re working hard for them, advocating for them and making sure nothing slips through the cracks or goes unnoticed — and it’s an honor to provide that. We love building relationships with these kids and their families.”

For more information about pediatric cardiology, call 304.691.1303.

Dr. Jack Stines and Dr. Jeffrey Harris are assistant professors in the Department of Pediatrics at the Marshall University Joan C. Edwards School of Medicine. 

Setting Sights on Better Vision

With advanced ophthalmological care at the Hoops Family Children's Hospital, newborns to adolescents are seeing their world more clearly.



Deborah Klimek, MD, a board-certified and fellowship-trained pediatric ophthalmologist with Marshall Pediatrics, specializes in the care and treatment of pediatric ophthalmological diseases, from the diagnosis of ocular tumors to the management of eye abnormalities resulting from prematurity. She commonly treats eye muscle problems (strabismus), lazy eye (amblyopia), droopy eyelids (ptosis), jerky or wiggly eyes (nystagmus) and hazy lens (cataracts).

“It’s often said that ‘children are not small adults,’ and in pediatric ophthalmology that’s especially true,” Dr. Klimek said. “Our focus is on the child’s developing vision system and on making sure the child is not being visually deprived in any way.”

Because children are constantly improving their depth perception, focus and other visual abilities, it’s important to identify and correct vision problems as early in life as possible. And, with the latest ophthalmological treatments, older children can experience drastic improvement as well.

“My primary area of research is amblyopia, where a child has poor vision in one or both eyes because of a developmental problem,” said Dr. Klimek, a clinical researcher. “Previously it was thought that children older than six could not be helped, but we’ve found that children all the way up to age 18 can improve their vision.”


Dr. Klimek said the gold standard in amblyopia treatment is to patch the better-seeing eye, forcing the weaker eye to become stronger, but she and other Pediatric Eye Disease Investigator Group researchers continue to study new treatment methods.

“We have found that children with moderate amblyopia only need to be patched for two to four hours a day,” she said. “We have also found effective treatments for children unable to tolerate wearing the eye patch, like using a dilating drop in the better-seeing eye. What we’re studying now is the use of an iPad game, where children wear 3D glasses and play a Tetris-like video game that encourages them to use their worse-seeing eye. It’s an exciting field,” she said, “with ongoing opportunities for research.”

It’s also a rewarding field, where making a difference comes with the territory. Every week, Dr. Klimek visits premature babies in the Cabell Huntington Hospital Neonatal Intensive Care Unit (NICU) to evaluate newborns at risk for retinopathy of prematurity, a disease that can lead to blindness. She also cares for children with special needs who are unable to participate in traditional eye exams.

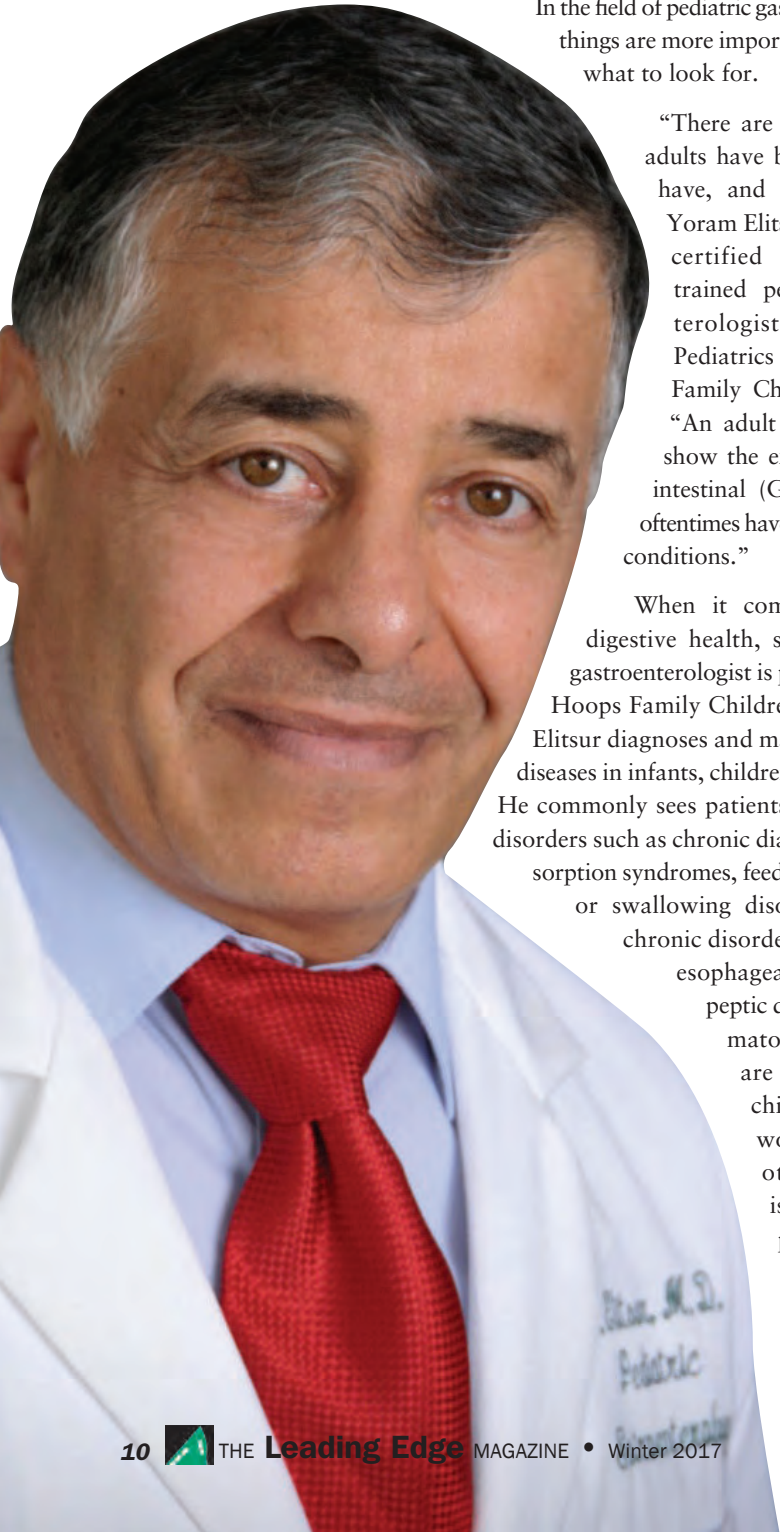
“There are rewarding moments every day,” Dr. Klimek said. “When you know you’re essentially preventing a newborn baby from going blind, or when you perform a surgery that gives depth perception to a child who’s never had that before, or when a child has perfect 20/20 vision after years and years of amblyopia patching — those are the kinds of things that stand out. These children and their parents work so hard, and it’s rewarding to celebrate their successes with them.”

For more information about pediatric ophthalmology, call 304.691.8901.

Dr. Deborah Klimek is an associate professor in the Department of Pediatrics at the Marshall University Joan C. Edwards School of Medicine. 



Knowing What to Look For



In the field of pediatric gastroenterology, few things are more important than knowing what to look for.

“There are many things that adults have but children don’t have, and vice versa,” said Yoram Elitsur, MD, a board-certified and fellowship-trained pediatric gastroenterologist with Marshall Pediatrics and the Hoops Family Children’s Hospital. “An adult and a child may show the exact same gastrointestinal (GI) symptoms but oftentimes have two very different conditions.”

When it comes to children’s digestive health, seeing a pediatric gastroenterologist is paramount. At the Hoops Family Children’s Hospital, Dr. Elitsur diagnoses and manages various GI diseases in infants, children and adolescents. He commonly sees patients with nutritional disorders such as chronic diarrhea and malabsorption syndromes, feeding problems and/or swallowing disorders. Other GI chronic disorders such as gastroesophageal reflux disease, peptic disease and inflammatory bowel disease are also common in children. Dr. Elitsur works closely with other subspecialists at Hoops to provide multidisciplinary care.

“Children with chronic stomach pain, for example, may actually be suffering from anxiety,” Dr. Elitsur said. “I often work closely with my colleagues in psychology and behavioral health to treat functional abdominal pain caused by nervousness or anxiety — what we occasionally call ‘nervous stomach.’”

Dr. Elitsur, a member of the Society for Pediatric Research (SPR) and the North American Society of Pediatric Gastrointestinal Hepatology and Nutrition (NASPGAN), is recognized as an international expert on *Helicobacter pylori* (*H. pylori*) bacteria, a type of bacteria that can enter and live in the stomach. The rate of *H. pylori* infection in West Virginia children was very high (approximately 25 percent), but due to appropriate diagnosis and treatment, the infection rate has decreased significantly (less than 4 percent). Now, Dr. Elitsur’s research focus has shifted to obesity and its associated complications in children, a health concern facing many young patients today.

“I love what I do because I know that my medical expertise is very much needed in West Virginia,” said Dr. Elitsur, the only pediatric gastroenterologist in the Tri-State, and one of three practicing in West Virginia. “There is a great need for my medical expertise, but more importantly, I am needed by my patients.”

For more information about pediatric gastroenterology, call 304.691.1301.

Dr. Yoram Elitsur is a professor and director of the gastroenterology division in the Department of Pediatrics, at the Marshall University Joan C. Edwards School of Medicine. 🌿

Answering Questions Allergy & Immunology



A properly functioning immune system defends against illness, destroys germs and keeps kids healthy. But what happens when the immune system doesn't work the way it should?

Children and families throughout the region trust Meagan Shepherd, MD, a board-certified and fellowship-trained pediatric allergist/immunologist at Marshall Pediatrics and the Hoops Family Children's Hospital to help find their answers. Dr. Shepherd specializes in the diagnosis, treatment and management of environmental allergies, food allergies, asthma, chronic hives, eczema, recurrent infections and both primary and non-primary immunodeficiency disorders.

Asthma and allergies are caused by an overactive immune system, while immunodeficiency disorders cause the immune system to weaken. For this, Dr. Shepherd provides expert care — from initial diagnosis to ongoing treatment to lifelong management.

"I enjoy working with children and families at the onset of a diagnosis," Dr. Shepherd said. "A large part of my practice is dealing with immunodeficiency syndromes, which often present in early childhood. It can be a scary


time for kids and especially for their parents, and it's so rewarding to be able to work with them through their diagnosis and treatment."

Dr. Shepherd said the field of allergy/immunology medicine is constantly changing.

"We're seeing things change on a molecular level all the time," she said. "We're seeing new research and new treatments every year. It's a fascinating, dynamic field of medicine."

One group benefits most of all from Dr. Shepherd's commitment to the latest research and treatments: her patients. Dr. Shepherd sees patients of all ages, from newborns in the Neonatal Intensive Care Unit with rare and severe immunodeficiencies to children with food allergies and asthma to adults with both congenital and primary immune system disorders.

For more information about allergy/immunology care, call 304.691.1300.

Dr. Meagan Shepherd is an assistant professor in the Department of Pediatrics at the Marshall University Joan C. Edwards School of Medicine. 

Caring for the Developing Nervous System



For children and families affected by neurological disorders, the disorder itself is seldom their only concern. At the Hoops Family Children’s Hospital, the Marshall Neurology team takes a multidisciplinary approach to care and treatment, all with the same goal in mind: a healthy future for our region’s children.

“Our goal is always to intervene early, carefully and effectively so that the child’s brain development and learning aren’t affected,” explains board-certified, fellowship-trained pediatric neurologist Mitzi Payne, MD, who specializes in pediatric epilepsy and cerebral palsy. “It’s never just about treating a disorder. It’s about helping children in their educational, social and emotional development and all the other things that can be affected by a neurological disorder.”

The pediatric neurology team treats epilepsy and seizures, headaches and migraines, movement disorders, neurodevelopmental disorders,



Mitzi Payne, MD, pediatric neurologist



Paul Knowles, MD, pediatric neurologist

State-of-the-Art Neurosurgical Care

At Marshall Neurosurgery, board-certified neurosurgeons Rida Mazagri, MD, and Paul Muizelaar, MD, use leading-edge surgical techniques to treat tumors, epilepsy and other brain and spine conditions in children.

“Our patients and their families know that we’re an academic team and that we’re on the forefront of the latest techniques and technologies for children,” Dr. Mazagri said. “Still, we want them to feel comfortable, to ask questions and to consider their treatment options. We give them the time and space to do that. As a surgeon and as a parent, I know how important that is.”

In the international neuroscience community, Dr. Muizelaar is known for his efforts to eliminate unnecessary CT scans and X-rays, which can be harmful to children. He specializes in the surgical treatment of hydrocephalus, also known as water on the brain.

“Ventriculoperitoneal shunting for hydrocephalus is one of the most frequently performed surgeries in pediatric neurosurgery,” Dr. Muizelaar said. “However, that doesn’t mean it’s without risk. The surgery must be done perfectly to avoid infection and other complications. Neurosurgery requires doing even simple, straightforward procedures with excellence.”

For more information about Marshall Neurosurgery, call 304.691.1787.

Dr. Mazagri and Dr. Muizelaar are professors in the Department of Neurosurgery at the Marshall University Joan C. Edwards School of Medicine.

stroke, cerebral palsy, muscular dystrophy and brain injuries. Dr. Payne oversees the Marshall Health Concussion Clinic at Hoops, and board-certified, fellowship-trained pediatric neurologist Paul Knowles, MD, specializes in the treatment of pediatric sleep disorders. Dr. Knowles performs sleep studies at the Hoops new pediatric sleep lab, the only pediatric sleep lab in West Virginia.


“The entire sleep lab is specially designed for kids, from the staff, to the equipment, to the décor,” Dr. Knowles said. “We’re able to perform sleep studies more efficiently and in a more child-friendly environment.”

The unique needs of children guide every aspect of care at Marshall Neurology, from a team approach to treatment to collaboration with other specialists at Hoops. Perhaps

most reassuring for children and families is this: the entire neurology team loves what they do.

“I tell my medical students, ‘You can go into any discipline and make a difference, but I come to work every day and get to play with kids,’” Dr. Knowles said. “It’s just the best.”

For more information about Marshall Neurology, call 304.691.1787.

Dr. Mitzi Payne is an associate professor and Dr. Paul Knowles is an assistant professor in the Department of Neurology at the Marshall University Joan C. Edwards School of Medicine. 



A Trusted Resource

For Jennie Yoost, MD, being a pediatric and adolescent gynecologist means being a trusted resource for young girls and their families. Of course, what that looks like is different for every patient.

“Whether I’m treating a very young child with a gynecologic disorder or counseling a teenager who has reproductive health concerns, these are sensitive topics at any age,” said Dr. Yoost, a board-certified, fellowship-trained pediatric and adolescent gynecologist with Marshall Obstetrics & Gynecology. “But helping girls navigate these issues is what I love to do. I love walking them through it and helping them make healthy decisions with confidence.”

Dr. Yoost commonly sees patients for menstrual problems, contraceptive management and risk reduction counseling. She also treats patients from birth to adolescence for a full range of gynecologic problems, including ovarian cysts and tumors, vulvar disease and congenital anomalies of the reproductive system. She has advanced training in minimally invasive gynecologic surgery and works closely with other specialists at the Hoops Family Children’s Hospital to provide multidisciplinary care.

“Children with chronic conditions like heart disease, cancer and hematologic disorders often have gynecologic issues as well,” Dr. Yoost said. “We take a team approach to addressing those issues, whether it’s preserving fertility or regulating the menstrual cycle or whatever else is affecting the child’s quality of life.”



The Wonder Years

The teenage years are complicated — not just for children but for their parents, teachers and other caregivers as well. Even their health care needs are more complex, said Patricia Kelly, MD, a board-certified and fellowship-trained adolescent medicine specialist at the Hoops Family Children’s Hospital.

“The adolescent years are when we commonly see things like eating disorders, substance abuse, urological problems, hormonal imbalances, reproductive health concerns and abnormal pubertal development,” Dr. Kelly said. “Teenagers sometimes have medical issues with both behavioral and psychological components. Even something as commonplace as high school sports can present a variety of health challenges unique to adolescents.”

Adolescent medicine specialists have advanced training in caring for children ages 11-21. Dr. Kelly has a special interest in school-based health care and sees teens at Cabell Midland High School and Huntington High School. She also works closely with disabled adolescents and their families, who sometimes have difficulties with the transitions of puberty.

For more information about adolescent medicine at the Hoops Family Children’s Hospital, call 304.691.1300.



Dr. Patricia Kelly is a professor in the Department of Pediatrics at the Marshall University Joan C. Edwards School of Medicine. 🌿

“...helping girls navigate these issues is what I love to do. I love walking them through it and helping them make healthy decisions with confidence.”

- Dr. Jennie Yoost, OB/GYN

The American Congress of Obstetricians and Gynecologists recommends that girls have their first gynecologist visit between the ages of 13 and 15.

“One of the biggest misconceptions about gynecologist visits is they always involve a pelvic exam,” Dr. Yoost said. “That’s not the case. During these initial visits with teens, we spend a lot of time just talking. We go over menstrual history, pubertal history and any problems they’re having. We ask questions, answer questions and get to know each other. It’s normal to feel nervous, but there’s nothing to worry about. We want our teenage girls to have a relationship with a gynecologist they trust.”

For more information or to schedule an appointment with Dr. Yoost, call 304.691.1400.

Dr. Jennie Yoost is an assistant professor in the Department of Obstetrics and Gynecology at the Marshall University Joan C. Edwards School of Medicine. 🌿

Life-Changing Plastic Surgery

Plastic surgery is not always life saving, but it is absolutely life changing.

“When children look different than their peers, whether because of an injury or a condition they’ve had since birth, the way they’re treated can have a lasting impact,” said Peter Ray, MD, a board-certified, fellowship-trained pediatric plastic and reconstructive surgeon with Marshall Plastic & Reconstructive Surgery. “It is incredibly important to get to know each child, to get to know their family and to partner with them to decide the right course of action.”

For Mary Beth Scott, that course of action included a series of reconstructive surgeries for her son Jacob, 5, who was born with cutis aplasia, a rare scalp condition associated with an even rarer birth defect called Adams-Oliver syndrome.

“Jacob had bald spots on his head that really bothered him,” Scott said. “As soon as we met Dr. Ray, we knew we trusted him to care for our son.”

Jacob’s treatment plan included the placement of tissue expanders beneath his scalp, which were filled with saline over the course of several months to stretch and grow the healthy scalp tissue. Because Jacob was afraid of needles, Dr. Ray performed the saline injections in the pediatric sedation room at the Hoops Family Children’s Hospital.

“Dr. Ray went above and beyond for my son, just to ease his anxiety,” Scott said. “I think that speaks volumes for how much he cares about his patients.”



Dr. Ray treats a wide range of pediatric conditions, including cleft lip and palate, congenital ear deformities, finger and toe anomalies and various asymmetries. He also performs cranio-facial surgeries for deformities caused by facial fractures, burns and other injuries.

Dr. Ray is trained and experienced in the latest surgical techniques and procedures and works closely with other pediatric subspecialists at Hoops to treat a wide range of conditions.

“It’s a collaborative environment,” he said. “We’re all working together to accomplish things for the kids. It’s one aspect that makes Hoops so unique and rare.”

For more information about pediatric plastic and reconstructive surgery, call 304.691.8910.

Dr. Peter Ray is an associate professor in the Department of Surgery at the Marshall University Joan C. Edwards School of Medicine. ❁

Leading-Edge Care for Growing Bones



Orthopedic specialists Viorel Raducan, MD, and Felix Cheung, MD, discuss a patient's progress after recent surgery.

When it comes to bones, muscles and joints, children differ from adults in one obvious way: They grow.

“Children are not static,” said Viorel Raducan, MD, a board-certified, fellowship-trained pediatric orthopaedic surgeon with Marshall Orthopaedics, and the region’s only pediatric orthopaedic specialist. “When we treat children for orthopaedic problems, our priority is their bone development and growth. We treat them in a way that will provide the best outcomes in terms of growth and function.”


At the Hoops Family Children’s Hospital, Dr. Raducan sees children with a full range of orthopaedic conditions, including broken bones, fractures, congenital malformations, spinal deformities, hip disorders, limb-length discrepancies and clubfeet. He also treats orthopaedic problems associated with neurological disorders and developmental disabilities.

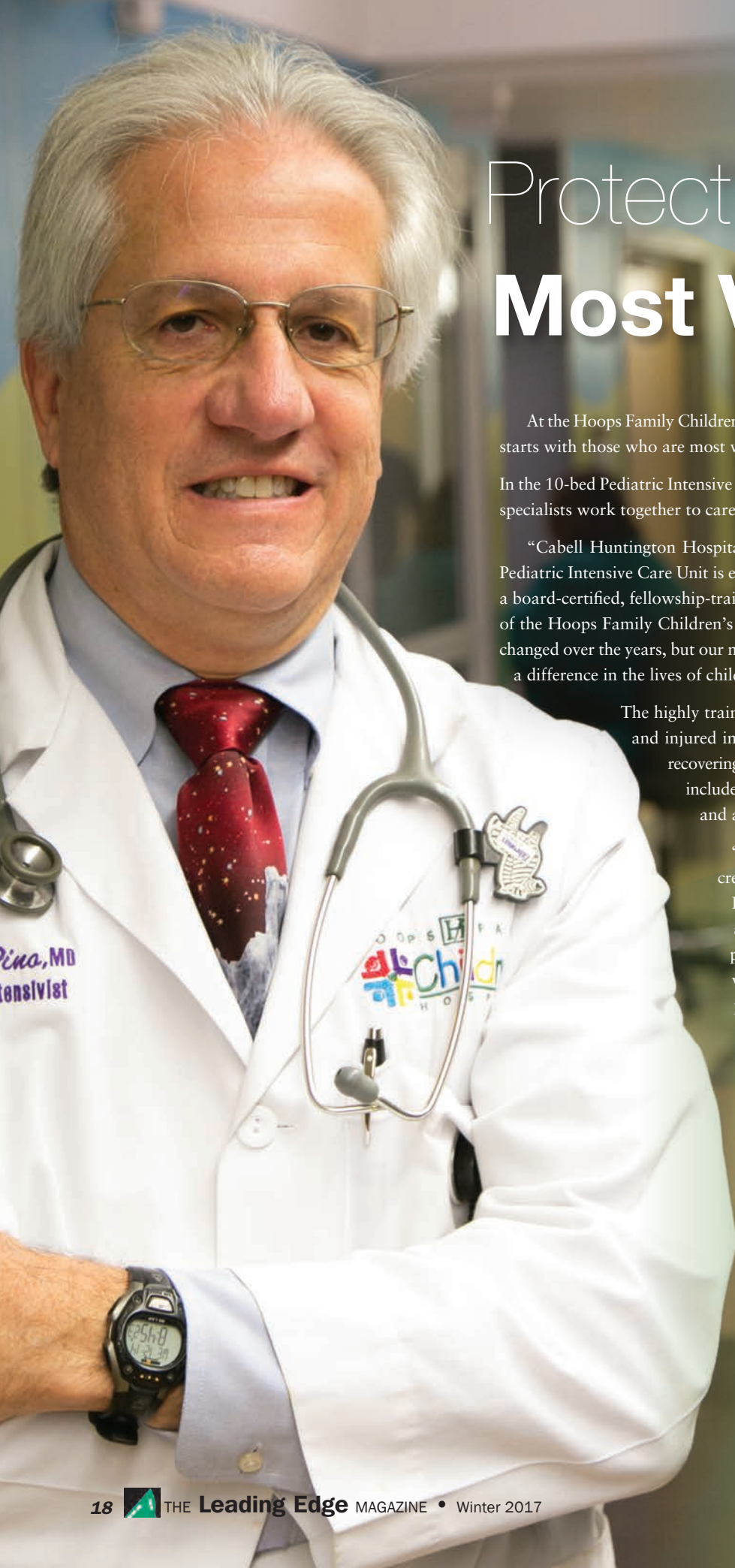
“Whether it’s something congenital, developmental or tied to an illness or injury, pediatric orthopaedics looks

not only at the problem itself, but also how its treatment might affect growing bones,” said Dr. Raducan, who specializes in pediatric spine surgery and scoliosis treatment. “As pediatric orthopaedists, children are our focus day in and day out. There are things that at first glance may seem trivial, but because this is our specialty we know we need to take a closer look — and sometimes that makes all the difference for our patients.”

“Because bone growth, development and healing are complex, pediatric orthopaedic surgeons often collaborate with other specialists,” Dr. Raducan said. At Hoops, Dr. Raducan works closely with neurologists, physical therapists and the pediatric surgery team to provide multi-disciplinary care to children.

For more information about pediatric orthopaedics, call 304.691.1262.

Dr. Viorel Raducan is an associate professor in the Department of Pediatrics at the Marshall University Joan C. Edwards School of Medicine. 



Protecting the Most Vulnerable

At the Hoops Family Children's Hospital, a commitment to the region's children starts with those who are most vulnerable — the critically ill.

In the 10-bed Pediatric Intensive Care Unit (PICU), pediatric intensivists and other specialists work together to care for children in life-threatening situations.

“Cabell Huntington Hospital has always made children a priority, and the Pediatric Intensive Care Unit is evidence of that,” said Eduardo Pino, MD, FAAP, a board-certified, fellowship-trained pediatric intensivist and the medical director of the Hoops Family Children's Hospital. “Our technology and equipment have changed over the years, but our mission has remained the same: we're here to make a difference in the lives of children and their families.”

The highly trained, experienced PICU staff cares for critically ill and injured infants, children and adolescents, as well as those recovering from high-risk surgeries. The newly renovated unit includes four additional beds with step-down capabilities and a state-of-the-art computer monitoring system.

“When we designed the new PICU, our goal was to create a child-friendly, family-friendly environment,” Dr. Pino said. “We want our children to feel safe and comfortable. We want our families to have privacy and be able to spend time together. We want children to see that everything we do here is just for them. Children have a place of their own at Hoops, and that helps get them through difficult circumstances.”

For premature and critically ill newborns, the board-certified, fellowship-trained neonatologists in the Level III Neonatal Intensive Care Unit (NICU) have the technology, skill and expertise to care for babies as small as 455 grams — just over a pound. A team approach to care includes pediatric specialists in ophthalmology, cardiology, gastroenterology and other disciplines.

The Hoops Family Children's Hospital NICU is the only facility in the region to provide private rooms, designed to allow



“Cabell Huntington Hospital has always made children a priority, and the Pediatric Intensive Care Unit is evidence of that.”


- Eduardo Pino, MD, FAAP

parents to sleep, breastfeed and pump breast milk at their baby’s bedside. A shared family room called Zaine’s Room provides space for parents to eat, shower, use the Internet and relax. After newborns are discharged, the NICU Follow-Up Clinic provides ongoing care and therapy to reduce long-term developmental issues.

“We have top-notch facilities, but more importantly we have top-notch people who are committed to our mission,”

Dr. Pino said. “There’s a clear difference between a hospital that admits children and a true children’s hospital, and we are very proud to be the latter.”

For more information about Hoops Family Children’s Hospital, call 304.526.2111.

Dr. Eduardo Pino is an associate professor in the Department of Pediatrics at the Marshall University Joan C. Edwards School of Medicine. 

The Hoops Family Children's Hospital initial construction is complete. Hoops offers a full-range of pediatric specialists and subspecialists to care for children in the Tri-State and beyond.

Pediatric Anesthesiology

Kyle Smith, MD 304.526.2176

Adolescent Medicine

Patricia Kelly, MD 304.691.1300

Pediatric Allergy/Immunology

Meagan Shepherd, MD 304.691.1300

Pediatric Cardiology

Jeffrey Harris, MD 304.691.1300

Jack Stines, MD 304.691.1300

Pediatric Critical Care

Marie Frazier, MD 304.691.1300

Eduardo Pino, MD 304.691.1300

James Waldeck, MD 304.691.1300

Pediatric Endocrinology

James Bailes, MD 304.399.4141

Pediatric Gastroenterology

Yoram Elitsur, MD 304.691.1300

Pediatric Gynecology

Jennie Yoost, MD 304.691.1400

Pediatric Hematology/Oncology

Paul Finch, MD 304.399.6503

Linda Stout, MD 304.399.6610

Pediatric Hospitalists

Audra Pritt, MD 304.691.1300

Susan Flesher, MD 304.691.1300

Jenna Dolan Smith, MD 304.691.1300

Pediatric Internal Medicine

Shannon Browning, MD 304.691.1000

Elizabeth Saunders, MD 304.691.1000

Eva Tackett, MD 304.691.1000

Neonatology

Rosa Carrasco Sanchez, MD 304.691.1300

Renee Domanico, MD 304.691.1300

Sean Loudin, MD 304.691.1371

Bobby Miller, MD 304.691.1300

Joseph Werthammer, MD 304.691.1700

Pediatric Neurology

Mitzi Payne, MD 304.691.1787

Paul Knowles, MD 304.691.1787

Pediatric Neurosurgery

Rida Mazagri, MD 304.691.1787

Paul Muizelaar, MD 304.691.1787

Pediatric Ophthalmology

Deborah Klimek, MD 304.691.8901

Pediatric Orthopedics

Viorel Raducan, MD 304.691.1262

Pediatrics

James Bailes, MD 304.399.4141

Norman Cottrill, DO 304.691.8870

Christopher Dewese, MD 304.691.8870

Jenna Dolan Smith, MD 304.399.4422

Brian Dunlap, MD 304.399.4422

Susan Flesher, MD 304.691.1300

Jay Lakhani, MD 304.691.1300

Pam Lambros, MD 304.691.1300

Amy Lochow, MD 304.691.1300

Patricia Lutz, MD 304.691.1300

Chaundra Maddox, MD 304.691.1300

Jay Naegele, MD 304.399.4422

Isabel Pino, MD 304.691.1300

Jodi Pitsenbarger, MD 304.691.1300

Audra Pritt, MD 304.691.1300

Jacqueline Ray, MD 304.691.8900

Elizabeth Saunders, MD 304.691.1000

Jessie Shields, MD 304.691.1300

Lauren Thompson, MD 304.691.8901

Sara Walker, MD 304.691.1300

Mark Wippel, MD 304.691.1300

Pediatric Plastic Surgery

Peter Ray, MD 304.691.8910

Pediatric Psychiatry

Kalpana Miriyala, MD 304.691.1500

Kelly Melvin, MD 304.691.1500

Edward Dachowski Jr., MD 304.691.1500

Kristina Bryant-Melvin, MD 304.691.1500

Pediatric Pulmonary

Michael Anstead, MD 304.399.2881

Pediatric Surgery

John Dinsmore, MD 304.691.1200

Jillian McCagg, MD 304.691.1200

Cabell Pediatrics: **Assessible, Custom Care for Your Child**

Dr. James Bailes offers a patient-friendly, solo practice that caters to the needs of busy parents. All patients will see Dr. Bailes at every visit and will be able to contact him at any time to discuss “emergencies.”

Led by long-time Huntington pediatrician James R. Bailes Jr., MD, Cabell Pediatrics provides general pediatric care for patients from birth through college. Dr. Bailes also specializes in the care of children with endocrine disorders, such as diabetes, growth disorders and weight issues.

During office hours, a nurse is available to discuss concerns regarding your child’s health. When calling after hours, our answering service will take your information and will have Dr. Bailes call you back as soon as possible.

The staff at Cabell Pediatrics is eager to work hand-in-hand with you to promote the best possible health for your child. Cabell Pediatrics’ child-friendly facility features a unique play section and separate sections for both sick and well children.

Cabell Pediatrics is located at the 20th Street Professional Building, 1115 20th Street, Huntington. For more information or to make an appointment, call 304.399.4141. 🌿



Dr. James Bailes Jr., pediatrician

Child Life Specialists **Understand Compassion**



Stephanie Cape

Child life specialists are pediatric health care professionals who work with children and families in hospitals and other settings to help them cope with the challenges of hospitalization, illness and disability. They provide children with age-appropriate preparation for medical procedures, pain management and coping strategies and play and self-expression activities. They also

provide information, support, and guidance to parents, siblings and other family members.

Child life specialists collaborate with parents and other health care professionals to meet the distinct needs of children in managing the effects of stress and trauma. Because children may feel overwhelmed, child life professionals help children gain a sense of familiarity and control of their environment through play and exploration inside the health care facility. Understanding that a child’s well-being depends on the support of the family, they also provide information, support and guidance to parents, siblings and other family members.

Services that a child life specialist provides include:

- Psychological preparation for tests, surgeries and other medical procedures

- Support during medical procedures
- Therapeutic medical and recreational play
- Sibling support
- Support for grief and bereavement
- Emergency room interventions
- Hospital pre-admission tours
- Outpatient consultation with families
- Coordination of special events, entertainment and activities for patients and their families
- Education for caregivers, administrators and the general public about the needs of children under stress.

Child life specialists work with patients and families in many settings, such as inpatient units, surgical areas, outpatient clinics, the pediatric intensive care unit, the emergency department and the neonatal intensive care unit. Although child life specialists typically function in the hospital setting, their skills and training are often applied to support children and families in other settings, such as hospice, dental care, schools, specialized camps, funeral homes or wherever children experience stress or trauma. In each of these areas, child life interventions focus on the individual needs of the child and family. 🌿

The Little Things

The physical, occupational and speech therapists at Hoops commonly see children with autism spectrum disorders, cerebral palsy, chromosomal abnormalities, cleft lip and palate, head and brain injuries, increased or decreased muscle tone, muscular dystrophy, orthopedic conditions, speech and language delays, spina bifida and torticollis.



For the physical, occupational and speech therapists at the Hoops Family Children’s Hospital, the little things make all the difference — like when a child with autism walks into the therapy room with a smile or when a child with cerebral palsy begins to express their needs and wants for the first time.

As parents of children in therapy know, the little things are often the big things.

Cabell Huntington Hospital provides a full range of physical, occupational and speech therapy services for children from birth to age 18. Beginning this year, outpatient pediatric rehabilitation services will be offered at the Fairfield Building, adjacent to the main hospital campus.

“A comprehensive pediatric outpatient program has always been a dream of mine, and I’m thrilled it’s coming to fruition,” said Director of Rehabilitation Services Marty Blenko, MA, CCC-S. “Our kids are thrilled, too. As soon as they walk in, they’ll know it’s a place just for them.”

The new pediatric rehabilitation services center will feature convenient parking, private therapy rooms for one-on-one treatment and a Snoezelen® multi-sensory room, providing children with a safe place to go when they feel overwhelmed during therapy.

“The Snoezelen is an oasis for our kids with sensory processing difficulties,” said occupational therapist Misty



Chandler, MOTR/L. “It’s where they can go to feel calm. When children are calm, they’re more open to treatment.”

Executive Director of Rehabilitation Services Shawn Bastin, MPT, MBA, said the pediatric program has emerged as a regional leader in therapy techniques for children on the autism spectrum.

“Unlike an adult with an ankle sprain who’s going to heal in six weeks, for a lot of these kids therapy is a part of who they are,” he said. “Our therapists know that. They have advanced training to care for children with rehabilitation needs, which often means understanding their psychological and emotional needs as well.”

Speech therapist Karen Sansom, MA, CCC-SLP, said that, in her 23 years with Cabell Huntington Hospital, what’s been most remarkable is the level of collaboration that exists both among the team of physical, occupational and speech therapists and throughout the entire hospital, and that will only get better with the continued growth of the Hoops Family Children’s Hospital.

“Our kids are thrilled, too. As soon as they walk in, they’ll know it’s a place just for them.”

- Marty Blenko, MA, CCC-S

“Our team works closely with all of the pediatricians and specialists here, whether that’s psychology or oncology or orthopedics,” Sansom said. “It provides a continuum of care for our patients who already see those doctors, and it’s a second set of eyes for our therapy team if we think a child could benefit from a higher degree of specialization.”

Whether your child has known developmental delays or just some difficulty with things like haircuts or brushing teeth, don’t be nervous to ask your pediatrician about pediatric therapy. Speech therapy works with communication disorders, speech and language development and feeding problems. Physical therapy works with balance, sitting, standing, walking and running. Occupational therapy works with sensory perceptual issues, as well as fine motor delays that impact dressing, bathing and writing. Any parent with a developmental concern about a child should request an evaluation with his or her child’s pediatrician.

For more information about pediatric rehabilitation services at the Hoops Family Children’s Hospital, call 304.399.6511. 🌿



EARL & NANCY HEINER *Honored*

The Hoops Family Children's Hospital completed its initial phases of construction this year, adding a full list of specialty services to meet the health care needs of children of the Tri-State. This project would not have been possible without the generous donations and gifts from individuals and businesses across the region. Earl and Nancy Heiner are no exception. Through their giving, the continued growth of Hoops has become reality.

The Heiners carry with them the legacy of a family that has always been active in the Huntington area, beginning with the founding of Heiner's Bakery. Earl's grandfather, Charles W. Heiner, who delivered bread via wagon, started the company in 1905.

Although the economy has changed over the last 11 decades, the bread business has remained healthy, allowing the Heiners to help their employees as well as people in the community.

"The Lord has blessed us with three children, nine grandchildren and one great-grandchild that have all grown to know the rewards of paying it forward for others," said Nancy Heiner. "We live by example so that others will continue our journey of giving back."

"Nancy Heiner and I have been friends for over 40 years. She has always been a champion for children," said Joyce Frazier, a life-long friend of the Heiners. "Her support for the Hoops Family Children's Hospital is no surprise. Her legacy will live on through her and Earl's generosity."

Earl and Nancy have always supported families in the region who were desperately in need of help and when they heard about the construction of the Hoops Family Children's



Nancy and Earl Heiner

Hospital, they decided to do something that would make a difference.

"When I think about the Heiners, I think of their deep family roots, life-long friendships and their passion for our Tri-State region," said Kristi Arrowood, director of development for the Cabell Huntington Hospital Foundation. "Earl and Nancy Heiner's gift will provide for generations of children to come."

Because of the Heiners' generosity to the Hoops Family Children's Hospital, the hallway leading into the Children's Hospital will be named the Heiner's Hallway of Hope. This hallway, complete with train-themed dining cars where families can talk, eat and play games together, will share with others, for many years to come, how the Heiner family supported the health and wellness of children in the community.

For more information or to donate to the Cabell Huntington Hospital Foundation, visit us online at chhfoundation.org or call 304.526.6314. ☸



ABOUT THE HOOPS FAMILY CHILDREN'S HOSPITAL

Unless otherwise specified, statistics refer to the last 12 months.

- Providing care for residents of 29 counties in Ohio, Kentucky and West Virginia
- Member of the Children's Hospital Association, national champions for children's health
- Community advocate for children's health and safety (Lids for Kids, Kids in Motion, etc.)
- Family and child-friendly environment and family-centered care
- Certified child life specialist helps child and family cope with illness, injury and treatment
- Staffed by pediatricians and pediatric sub-specialists such as orthopedics, neurology, gastroenterology, cardiology, oncology, surgery, plastic surgery and pulmonary
- About 5,300 pediatric inpatient admissions annually
- About 3,000 pediatric outpatient visits monthly
- 25-bed Pediatric Medical/Surgical Unit
- 10-bed Pediatric Intensive Care Unit
- Pediatric Intensive Care Transport Team (600 transports)
- 36-bed nationally recognized state-of-the-art Neonatal Intensive Care Unit (NICU)
- NICU includes all private rooms and eight twin rooms for multiple births
- Specialized Neonatal Intensive Care Transport Team (160 transports)
- 350 NICU Developmental Follow-up Clinic home visits annually
- Neonatal Therapeutic Unit for babies born with drug dependency (185 admissions)
- About 12,500 pediatric Emergency Room visits annually
- Dispenses pediatric charity care (free or reduced prices) annually



EMERGENCY PEDIATRIC CARE



Marie Frazier, MD, Pediatric Critical Care, Assistant Professor of Pediatrics, Department of Pediatrics, Marshall University Joan C. Edwards School of Medicine

The Region's Premier Provider
of Advanced Pediatric Care

Pediatric emergencies. Take them seriously. Respiratory infections, spiking fevers, fractures and falls. As the region's premier provider of advanced care and treatment of children's illnesses and injuries, Cabell Huntington Hospital, together with the Hoops Family Children's Hospital, is prepared when your child needs emergency treatment.

Cabell Huntington Hospital. Every life – 24/7.

Cabell Huntington Hospital



1340 Hal Greer Blvd.
Huntington, WV 25701
304.526.2200
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