

## Nationally Recognized

Duke Health affiliate in pediatric bone marrow transplant (BMT); the Kids Beating Cancer BMT program is the first of its kind in Central Florida and is internationally accredited by the Foundation for the Accreditation of Cellular Therapy (FACT).



Holds the gold standard Magnet designation from the American Nurses Credentialing Center.



AdventHealth for Children is an ELSO (Extracorporeal Life Support Organization) Center of Excellence in collaboration with AdventHealth. This distinguished award recognizes programs that provide exceptional care for high-risk patients needing specialized life support.



AdventHealth for Children is recognized by *U.S. News & World Report* as the Best Children's Hospital in Florida for neonatology.



A part of AdventHealth Orlando

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Orlando, FL 32803

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## Multidisciplinary Care for Craniofacial and Cleft Palate Conditions



*This baby was born with Sagittal Craniosynostosis. Virtual surgical planning and customized 3D printed guides allow for the restoration of normal anatomy and give room for growth of the developing brain. Dr. Asadi and Dr. Sawh-Martinez work together to provide safe, cutting edge results for their patients.*

*On the left are pre-operative photos, and the right immediately post operatively.*

**Raj Sawh-Martinez, MD, MHS**, Medical Director, Craniofacial and Pediatric Plastic Surgery

**Kaveh Asadi, MD, PhD**, Co-Director of Craniofacial Clinic, Pediatric Neurosurgery

**Catherine Longa, PhD**, Pediatric Neuropsychology

Craniofacial disorders, including deformities in the skull, face, ear, palate, nose or vascular structures of the head, occur quite commonly in infants. AdventHealth for Children provides a full range of specialized care for these conditions, including the more commonly occurring cleft palate and plagiocephaly as well as more serious deformities such as craniosynostosis, a premature fusion of the cranial bones.

Incidence of positional plagiocephaly, where there is asymmetric flattening of the posterior skull, ear position and forehead, has been on the rise since the "Back-to-Sleep Campaign" to prevent Sudden Infant Death Syndrome (SIDS) launched in 1994. As long as it is detected early, this condition can typically be treated without surgery, using physical therapy or a head orthosis.

However, plagiocephaly must be differentiated from craniosynostosis, a more severe condition that can lead to increased intracranial and intraocular pressure on rapidly developing brains, and requires surgery in the first few months of life. A thorough examination is necessary to confirm or rule out this diagnosis. Craniosynostosis can be isolated or part of a complex syndrome.

Our Craniofacial Disorder Clinic takes a multidisciplinary approach to caring for children with positional plagiocephaly and craniosynostosis, as well as cleft lip, cleft palate, vascular malformations, and other, less common abnormalities. Our team, comprised of a fellowship-trained craniofacial plastic surgeon, pediatric neurosurgeon and pediatric neuropsychologists, takes a customized approach to treating each patient — focusing on the latest evidence, innovative minimally invasive techniques, neurocognitive outcomes and virtual surgical planning. We work closely with families to present all options, helping them to make informed decisions about the care for their child.

**For more information or to refer a patient, contact our multidisciplinary clinic coordinator, Kara Colson, RN, at 407-303-7945, or [fh.cckmultidisciplinary.clinic@adventhealth.com](mailto:fh.cckmultidisciplinary.clinic@adventhealth.com).**

# Care Network

Vol 3. No. 1 | Michael Keating, MD, Chief Medical Officer



## Specialty Clinics Bring Expert Care Closer to Home

Wendy Sullivan, Director, Women's and Children's Strategy & Development

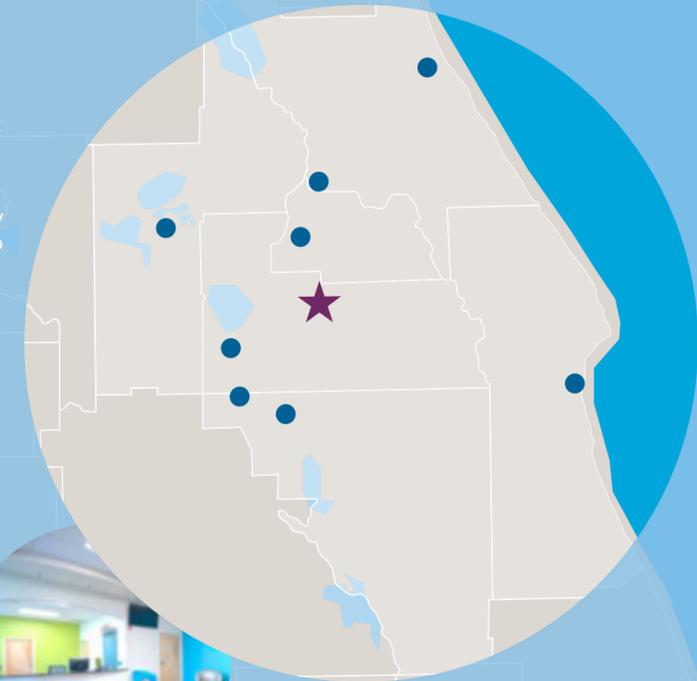
Designed to complement the care found at AdventHealth for Children in Orlando, our eight Specialty Clinics, located throughout Central Florida, provide parents with convenient access to some of the nation's most experienced pediatric specialists.

We recognize the challenges traveling for care can place on a busy family, and these clinics were established to bring our specialists to some of the more outlying neighborhoods where our patients live. The focus is on providing the same quality of care patients expect from our AdventHealth for Children location in Orlando.

**Our current Pediatric Specialty Clinic locations include:**

- **Celebration** — Cardiology, endocrinology, general surgery, orthopedics and urology
- **Daytona Beach** — Cardiology, general surgery, endocrinology, orthopedics and urology
- **Deltona** — Gastroenterology and hepatology
- **Kissimmee** — Gastroenterology and hepatology
- **Lake Mary** — Cardiology
- **Tavares** — Cardiology and urology
- **Viera/Melbourne** — Cardiology, adult congenital cardiology, general surgery and urology
- **Winter Garden** — Cardiology, adult congenital cardiology, dermatology, endocrinology, gastroenterology and hepatology, general surgery, nephrology, orthopedics and urology

Clinic visits are by appointment only.



**To refer a patient, please call 866-434-KIDS.**

## Convenient Cardiac Care for Isaiah

Isaiah Englert's rare congenital heart condition, Tetralogy of Fallot, was discovered during a routine ultrasound when his mother Courtney was pregnant. She was referred to AdventHealth for Children congenital cardiologist Jorge A. Garcia, MD.

After Isaiah was born, Dr. Garcia determined that they could wait three months before performing surgery to correct the condition. While the surgery was performed in Orlando, all of the pre-operative and post-operative visits have occurred at the AdventHealth for Children Specialty Clinic in Melbourne.

"It couldn't be more perfect," explains Isaiah's mom Courtney Englert. "We live just 15 minutes from the clinic. My husband and I have two other children with busy schedules. Isaiah is our youngest and requires follow-up visits every three months, so this has been a huge help."

Isaiah will be two in January and is doing well, but will continue to require follow-up visits with Dr. Garcia.



Isaiah Englert

"We are so grateful that we can see Dr. Garcia every time, right here in Melbourne," shares Englert. "We love him, and it's always a good experience. There is no difference in care compared to Orlando, but it is so much more convenient."

## Destination Program Highlight

### Advanced Urologic Care for Kids

**Michael A. Keating, MD**, Medical Director, Pediatric Urology

**Pablo Gomez, MD**, Pediatric Urologist

**Pasquale Casale, MD, MHA**, Pediatric Urologist

AdventHealth for Children's pediatric urology team is internationally known for their wide range of expertise in the field. This includes innovative programs in the reconstruction of several genito-urinary malformations and ambiguous genitalia, as well as robotic surgery, minimally invasive surgery and urinary stone disease.

Our mission is to provide each patient and family with the highest quality medical care in a supportive and safe environment that focuses on whole-person wellbeing. The provider team contributes their combined experience and expertise to the common goal of helping young patients lead normal and healthy lives. They also remain actively involved in research to continually improve care, with over 150 manuscripts published in peer-reviewed journals and hundreds of presentations and lectures across five continents.

#### Pioneering Robotic and Minimally Invasive Surgery

The surgical team, under the directorship of Pablo Gomez, MD, is a world leader in minimally invasive and robotic surgery. It has collectively treated thousands of cases and pioneered procedures in minimally invasive surgery that were once thought impossible for children, including laparoscopic appendicovesicostomy and laparoscopic pyelolithotomy. We also hold a patent on a high-intensity focused ultrasound (HIFU) device for fetal surgery — a non-invasive alternative method of occlusion designed to help avoid complications.

Our physicians are pioneers in the field of robotic surgery. They were the first to perform robotic pyeloplasty in infants, nerve-sparing robotic extravesical re-implant of ureters for reflux and robotic uretero-ureterostomy.

#### Pediatric Kidney Stone Center

AdventHealth for Children has a comprehensive Pediatric Kidney Stone Center to properly address the unique needs of children with stone disease. The only program of its type in Central Florida, it is dedicated to the management and research of kidney stones in children. A multidisciplinary team of specialists provides the diagnostic acumen required to medically treat stone disease and perform intervention when surgery is needed. Children affected by stone disease are also offered support and education, clinical trial information and participation, dietary and medical management, and genetic counseling.

#### Voiding Dysfunction and Urodynamics Program

This comprehensive program is devoted to the treatment and management of children who have both day-time and night-time urinary incontinence. After an initial assessment of severity and type of wetting, a variety of non-invasive techniques, including behavioral modification and medical options, are offered to treat this common yet challenging problem.

#### Providing a Full Range of Pediatric Urologic Care

Pediatric urologic conditions treated at AdventHealth for Children include but are not limited to:

- Obstructions in the urinary tract
- Hydronephrosis
- Incontinence
- Vesicoureteral reflux
- Testicular abnormalities including tumor
- Hydroceles and hernias
- Myelomeningocele (spina bifida)
- Genital abnormalities including penile issues, hypospadias, cloaca and exstrophy
- Genitourinary tumors
- Kidney stone disease
- Disorders of sexual difference
- Urinary tract infections
- Day and night-time wetting
- Hematuria
- Urologic trauma
- Prenatal diagnosis and management

#### Most Common Urology Procedure Types

- Circumcision
- Hydrocele
- Hypospadias
- Inguinal hernia
- Meatotomy
- Orchiectomy
- Orchiopexy
- Penile chordee correction
- Ureteral procedures

WE AVERAGE  
**OVER 1,100** PROCEDURES  
EACH YEAR.

### Welcome Pasquale “Pat” Casale, MD, MHA



Pasquale Casale, MD, MHA

Board-certified pediatric urologist Pasquale “Pat” Casale, MD, MHA, joined AdventHealth for Children in September 2019. A pioneer and leader in the fields of pediatric minimally invasive and robotic-assisted surgeries, he comes to Central Florida from New York, New York, where he previously served as Chief of Pediatric Urology

at New York-Presbyterian/Morgan Stanley Children's Hospital and was Professor of Urology at Columbia University and the Icahn School of Medicine at Mount Sinai. He also previously served as the director of minimally invasive and robotic surgery at the Children's Hospital of Philadelphia.

Certified by the American Board of Urology with a subspecialty certification in pediatric urology, Dr. Casale provides a full range of pediatric urology care, including specialization in the following areas.

- Minimally invasive laparoscopic and robotic surgery
- Endourology
- Complex genitourinary reconstruction
- Perinatal urology
- Kidney stone
- Urinary obstruction and reflux

#### Referrals

To refer a patient, please call 407-303-5781 or FAX referrals to 407-303-5794.



### AdventHealth for Children Joins With Community Partners to Establish the West Lakes Early Learning Center

**Deb Spielman**, Vice President and Chief Operating Officer

AdventHealth for Children, in partnership with the Bainum Family Foundation, Lift Orlando and Primrose Schools, is spearheading the creation of a high quality early-learning center in the communities of West Lakes. Scheduled to open in early April 2020, the West Lakes Early Learning Center will offer early childhood education and onsite comprehensive health, wellness and social services for children six weeks to five years of age and their families. Located in the West Lakes community at 2122 Long Street in Orlando, it has been designed to ignite children's imaginations and promote a lifelong love of learning. The Center will operate from 6:30 am to 6:30 pm, Monday through Friday.

According to new research published by the American Educational Research Association, access to early childhood education significantly reduces students' chances of being placed in special education or held back in school, and increases their prospects of graduating high school. Incorporating both AdventHealth's holistic, mind-body-spirit approach to children's development and the Primrose School's Balanced Learning® curriculum, the new West Lakes Early Learning Center will feature:

- Onsite health screenings to ensure children are meeting their developmental milestones
- Health and wellness programs
- Social support
- Purposeful play and teacher guidance to encourage curiosity, creativity, confidence and compassion
- Fresh fruit & vegetable garden with a farm-to-table approach to build healthy eating habits
- Parent interaction zones
- Advanced technology integration
- Early literacy outreach in the community



Groundbreaking Ceremony



#### The AdventHealth CREATION Kids Philosophy

- C** Choice — Choose wisely.
- R** Rest — Get good sleep.
- E** Environment — Clean it up.
- A** Activity — Run and play.
- T** Trust — Trust God fully.
- I** Interpersonal Relationships — Enjoy others.
- O** Outlook — Think positive. Smile.
- N** Nutrition — Eat healthy foods.

The West Lakes Early Learning Center will offer a Florida VPK program, will participate in 4C programs and will be open to families of all incomes with tuition assistance provided to those in need.

For more information, call 407-609-3960 or email [westlakeselc@adventhealth.com](mailto:westlakeselc@adventhealth.com).

[WestLakesELC.com](http://WestLakesELC.com)



Enriching mind, body and spirit with AdventHealth for Children