

pediatric pulmonology



global initiative for tracheostomy care

In 2021, Dayton Children's Hospital became a member of The Global Tracheostomy Collaborative. To fulfill the mission and the vision of the collaborative, Dayton Children's is committed to partnering with hospitals and providers around the world, to work together to improve the care, safety and quality of life of every individual with a tracheostomy.

Because of our membership in The Global Tracheostomy Collaborative our patients will benefit from:


- An institution-level multidisciplinary trach committee
- A standardization of care providing planned protocols and a care pathway
- Broad staff education in trach care and managing trach emergencies
- Patient and family involvement in improvement efforts
- Data tracking to ensure our trach care performance is bench-marking with other institutions

about us

Dayton
Ohio 

 1967
founded

181
beds 

 88,020
visits each
year to our ED
Level I pediatric
trauma center

highlighted programs

- Cystic Fibrosis Center
- Dayton Asthma Alliance
- Teen nicotine cessation program
- Children's Home Care of Dayton
- Asthma co-management program
- Video visits

primary care providers breathe easier with asthma co-management program

Dayton Children's Health Partners is the region's only pediatric-specific collaborative focusing on quality and value across the care continuum, including but not limited to the development of co-management programs for children with chronic conditions. The goal of any co-management program is to help educate and support primary care providers to manage and treat a specific condition in the primary care setting. In other words, the goal is the right care, at the right time, in the right place, at the right cost.

Primary care providers and pulmonologists have joined together to standardize care for children with persistent asthma, increase routine asthma care visits and reduce emergency department visits for asthma exacerbations.

Mild and uncomplicated moderate persistent asthma is a common pediatric condition that can be effectively managed in the primary care setting.

Leading the future of sleep medicine

As the only pediatric hospital accredited to teach the A-STEP introductory course, Dayton Children's is leading the future of sleep medicine, mentoring future sleep technologists, and ensuring children have access to high-quality sleep care. Dayton Children's received their first accreditation in 2019 and hosted an A-STEP program in 2021.

The two-week long course is open to individuals with any level of medical experience and is taught by faculty from the division of sleep medicine. Upon completing the course and passing its certification tests, students are eligible to work as trainee sleep technologists. Additional practical training is required to take the Board of Registered Polysomnography Technologists (BRPT) exam.

Clinical trials for cystic fibrosis continue

The Dayton Children's Cystic Fibrosis Center is a Cystic Fibrosis Foundation (CFF) designated Therapeutic Development Network (TDN) site. This designation allows our team and patients the opportunity to participate in cystic fibrosis studies that have undergone a rigorous review process and ultimately been sanctioned by the TDN.

Our team has recently started the SIMPLIFY-IP-19 study, which tests the impact of discontinuing chronic therapies in patients with cystic fibrosis on highly effective CFTR modular therapy.

Additionally, Dayton Children's Cystic Fibrosis Center has started enrollment in the Vertex VX20-121-102 trial, evaluating the safety and efficacy of VX-121 in combination with tezacaftor and deuterated ivacaftor.



Multidisciplinary care for patients with neuromuscular disorders

The Dayton Children's neuromuscular clinic provides a multidisciplinary team of specialists with expertise in chronic conditions affecting the muscles and nerves. Led by pediatric pulmonologist, Mark Minor, MD, pediatric neurologist, Irma Reyes, DO, and pediatric cardiologist, Christopher Bugnitz, MD, our team of specialists provide care to their patients at the same time, in the same place.

Each neuromuscular clinic appointment is scheduled for three and a half hours. During these appointments, patients get to see cardiology, pulmonary and neurology, as well as physical therapy, occupational therapy, and speech language pathology. Testing such as pulmonary function tests, spirometry readings, echocardiograms and EKGs are also included during the appointment.

"By creating a multidisciplinary clinic where patients can see multiple specialties and therapies during one appointment makes visits to Dayton Children's easier and stress free for these families. And most importantly, we are able to improve the quality of care they are receiving" says Dr. Minor.

Since launching the clinic in May 2021, our team as provided multidisciplinary care for patients with more common neuromuscular disorders such as Duchenne muscular dystrophy and myotonic dystrophy, as well as spinal muscular atrophy and Charcot-Marie-Tooth disease to name a few.

