

Rare Lung Diseases



World-renowned

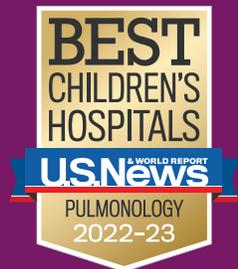
for our experience in SJIA

x2

New patient growth in the last 3 years

>20

Patients treated in the past two years with pulmonary alveolar proteinosis



Cincinnati Children's is ranked #2 in Pulmonology and Lung Surgery and #3 in the nation among Honor Roll hospitals.

The Rare Lung Diseases Program at Cincinnati Children's Hospital Medical Center provides a comprehensive, multidisciplinary approach to caring for children with the rarest types of lung disease.

HOW WE'RE DIFFERENT

What sets Cincinnati Children's apart is our world-renowned multidisciplinary team of experts who bring innovative approaches to the diagnosis and management of the most challenging pediatric pulmonary disorders.

With a team that includes not only skilled pulmonologists, but specialists from other disciplines such as radiology, pathology, bone marrow transplant, immunology and rheumatology, we have the expertise to treat lung diseases associated with a wide range of rare conditions.

As one of the nation's largest and most highly ranked programs, we are advancing the diagnosis and management of rare lung diseases by caring for children with primary pulmonary abnormalities, as well as for those who have developed lung disease secondary to other systemic disorders.

CONDITIONS TREATED

Cincinnati Children's diagnoses and cares for children with the rarest types of lung diseases, including:

- Developmental lung disorders
- Interstitial lung diseases
 - Defects in surfactant proteins
 - Pulmonary alveolar proteinosis (PAP)
 - Neuroendocrine cell hyperplasia of infancy
 - Pulmonary interstitial glycogenosis
- Bronchiolitis obliterans
- Primary ciliary dyskinesia (PCD)
- Lung diseases associated with:
 - Bone marrow transplantation
 - Cancer therapy
 - Immunodeficiency disorders
 - Autoimmune and rheumatological disorders
 - Vascular malformation
 - Lymphatic disorders
 - Solid organ transplantation
 - SJIA and autoinflammatory disorders

TREATMENT TEAM

Pulmonary Medicine

Christopher Towe, MD
Program Director

Greg Burg, MD

Don Hayes Jr., MD

Duncan Keegan, MD

Nathan Pajor, MD

Pulmonary Biology

Bruce Trapnell, MS, MD
Director, Translational Research

Jeffrey Whitsett, MD
*Institute Director, Neonatology
and Pulmonary Biology*

Pathology

Kathryn Wikenheiser-Brokamp,
MD, PhD

Radiology

Alan Brody, MD

Eric Crotty, MD

Jason Woods, PhD

Pediatric Surgery

Roshni Dasgupta, MD, MPH

Vascular Malformations

Adrienne Hammill, MD

Otolaryngology

Michael Rutter, MD

Catherine Hart, MD

Rheumatology

Alexei Grom, MD

Grant Schulert, MD, PhD

Bone Marrow Transplant

Stella Davies, MBBS, PhD, MRCP

Michael Grimley, MD

CONTACT US

For patient referrals and non-urgent consultation during business hours, contact the Rare Lung Diseases Program directly at:

Phone: **513-803-1332**

[www.cincinnatichildrens.org/
rare-lung](http://www.cincinnatichildrens.org/rare-lung)



EXPERT DIAGNOSTICS

Our care begins by focusing on delivering the correct diagnosis, which allows the care team to provide a tailored approach for each child's unique health needs.

We employ new techniques for lung imaging utilizing MRI, where there is no radiation exposure. We have highly developed bronchoscopic techniques for direct visualization of the tracheobronchial tree, including confocal laser endomicroscopy. Additionally, through bronchoscopy, we collect targeted samples of the lung, deliver therapeutic agents to selected regions of the lung, and facilitate therapeutic whole lung lavage.

We can perform surgical lung biopsy using video-assisted thoracoscopic surgery (VATS), and have particular experience using this technique to diagnose different forms of interstitial lung disease (ILD).

TREATMENT APPROACH

Many of the lung diseases treated in our program are so rare there are no proven treatments available. In some cases, we offer therapies designed to improve the child's quality of life. In others, we aim to treat the underlying condition, thereby ameliorating the lung disease.

Our multidisciplinary team features many of the world's leading experts in treating rare lung diseases, including Bruce Trapnell, MS, MD, who is known worldwide for his expertise in PAP.

Cincinnati Children's has also added a lung transplant program, making our program one of the few in the nation to offer the full spectrum of care for lung disease.

For urgent issues, or to speak with the specialist on call 24/7, call the Physician Priority Link® at 1-888-987-7997.

For international inquiries, call +1-513-636-3100 or email international@cchmc.org.