



Pulmonary and Respiratory Diseases



CRAIG J. GERARD, MD, PHD
Chief



HENRY L. DORKIN, MD
Associate Chief
Director, Cystic Fibrosis Center

Boston Children's Hospital's Division of Pulmonary and Respiratory Diseases delivers expert care for children with both chronic and acute respiratory disorders. The team also provides an active program of basic and clinical research and a medical training program.

Scheduling

Boston Children's Hospital

300 Longwood Avenue, Farley 4
Boston, MA 02115
617-355-1900 | bostonchildrens.org/respiratory
Pulmonary Function Testing (PFT) Lab: 617-355-7510

Boston Children's at Lexington

482 Bedford Street
Lexington, MA 02420
781-672-2100 | 617-355-1900

Boston Children's at Peabody

10 Centennial Drive
Peabody, MA 01960
978-538-3600 | 617-355-1900

Boston Children's at Waltham

9 Hope Avenue
Waltham, MA 02453
781-216-1800 | 617-355-1900
PFT Lab: 781-216-1309

Boston Children's Physicians Weymouth

Stetson Medical Center
541 Main Street
Weymouth, MA 02190
781-331-4715 | 617-355-1900

Boston Children's Physicians at Norwood Hospital

800 Washington Street, Draper Building
Norwood, MA 02062
781-440-9619 | 617-355-1900

International

For families residing outside of the United States, please contact Boston Children's International Health Services.

+1-617-355-5209 | bostonchildrens.org/international
international.center@childrens.harvard.edu

Research

We are committed to advancing the understanding of pulmonary and respiratory diseases through basic, translational and clinical research. Our division is actively involved in several clinical research projects, including the development of new therapies related to cystic fibrosis; pulmonary outcomes of prematurity; manifestations of allergic bronchopulmonary aspergillosis; management of parapneumonic effusion and necrotizing pneumonia and sleep disturbance in children.

Highlights

- Ranked no. 4 by *U.S. News & World Report* in 2013-2014 for pediatric pulmonology
- 12,300 outpatient visits each year
- 525 surgical procedures each year
- 22 on-staff physicians (two on-call, 24/7), nine fellows, seven nurses, four nurse practitioners, two nutritionists, three social workers and one respiratory therapist
- 12 specialty programs and clinics
- Pulmonary Function Testing Labs in Boston and Waltham

Areas of expertise

Our team evaluates and treats a range of conditions, including:

- Aerodigestive disorders
- Asthma
- Bronchiolitis
- Chronic lung disease and ventilator dependency
- Congenital abnormality of airway and lung development
- Cough and wheezing
- Cystic fibrosis
- Exercise limitation
- Interstitial lung disease
- Lung transplantation
- Premature lung disease and bronchopulmonary dysplasia
- Pulmonary hypertension
- Respiratory distress
- Respiratory infections and pneumonia
- Severe asthma
- Sleep-disordered breathing
- Tuberculosis

PFT Laboratory testing

- Airway challenges
- Carseat challenges
- Exercise testing
- Infant pulmonary function testing
- Lung diffusion capacity
- Lung volume measurements
- Respiratory muscle strength
- Spirometry
- Sweat tests

Pulmonary and Respiratory Diseases

Clinical programs

Center for Aero-Digestive Disorders (CADD)

Gastroenterology, Respiratory Diseases and Otolaryngology collaborate to treat children with a range of complex problems involving the airway, lungs and upper digestive tract.

617-355-3795 | bostonchildrens.org/cadd

Center for Healthy Infant Lung Development

Respiratory Diseases, Neonatology and Nutrition collaborate to evaluate and treat children with a range of complex problems relating to premature birth, as well as full-term infants with breathing difficulties.

617-355-1900 | bostonchildrens.org/child

Center for Interstitial Lung Diseases

As part of the Boston Children's Interstitial Lung Disease Foundation and Research Network, physicians from Respiratory Diseases, Cardiology, Intensive Care, Radiology and Pathology collaborate to provide multidisciplinary care to children with interstitial lung diseases.

617-355-1900

Center for Pediatric Sleep Disorders

Neurology and Pulmonary and Respiratory Diseases collaborate to apply a focused approach to the diagnosis and treatment of sleep disorders in children.

781-216-2570 | bostonchildrens.org/sleep

Cystic Fibrosis Center

A Level III Center accredited and supported by the Cystic Fibrosis Foundation that provides not only comprehensive pediatric and adult clinical care, but also clinical research opportunities as a member of the Therapeutics Development Network of the CF Foundation.

617-355-1900 | bostonchildrens.org/cf

General Pulmonary Program

Evaluates and treats children and adults with a range of chronic, complex and/or acute respiratory needs.

617-355-1900 | bostonchildrens.org/pulmonary

Lung Transplant Program

Evaluates children who are potential candidates for lung transplantation and manages the care of children who have undergone lung transplant. Our program has performed more than 60 bilateral, single and heart-lung transplants since 1990.

617-355-1900 | bostonchildrens.org/lungtx

Pulmonary and Ventilator Program

In collaboration with Respiratory Therapy, evaluates and treats children with a range of complex respiratory needs, including those on ventilators.

617-355-1900 | bostonchildrens.org/ventilator

Severe Asthma Program

Respiratory diseases, Allergy, Gastroenterology and Otolaryngology collaborate to provide a multidisciplinary approach to the evaluation and management of children with difficult-to-control asthma.

617-355-1900

Tuberculosis Program

Provides initial assessment and treatment of suspected or confirmed tuberculosis cases, in coordination with the Massachusetts Department of Public Health.

617-355-1900 | bostonchildrens.org/tb

Training

The Division of Pulmonary and Respiratory Diseases offers comprehensive training to pediatric pulmonary fellows, as well as residents rotating monthly through the division. Three fellows join the program each year for a minimum of three years of training in pulmonary disease management and basic/clinical research. The program has been in continuous operation for almost 40 years, with graduates active in clinical care, basic and translational research and leadership roles throughout the country.

bostonchildrens.org/fellowship

Our team

Debra Boyer, MD

Associate Director, Lung Transplant Program

Alicia Casey, MD

Pediatric Pulmonologist

Manuela Cernadas, MD

Adult Pulmonologist

Carolyn Donovan, MD

Adult Pulmonologist

Dawn A. Ericson, MD

Pediatric Pulmonologist

Martha P. Fishman, MD

Director, Pulmonary Ambulatory Clinics

Jonathan Gaffin, MD, MMSc

Pediatric Pulmonologist

Kenan Haver, MD

Director, Bronchoscopy Program
Co-director, CADD

Christopher Hug, MD, PhD

Pediatric Pulmonologist

Eliot Katz, MD

Pediatric Pulmonologist

Virginia Kharasch, MD

Pediatric Pulmonologist

Umakanth Khatwa, MD

Director, Sleep Laboratories
Co-director, CADD

Thomas Martin, MD

Director, PFT Lab

Kara May, MD

Attending

F. John McLaughlin, MD

Pediatric Pulmonologist

Lawrence Rhein, MD

Director, Center for Healthy Infant Lung Development

Dennis Rosen, MD

Director, Sleep Clinics

Gregory Sawicki, MD, MPH

Associate Director, Cystic Fibrosis Center

Catherine Sheils, MD

Pediatric Pulmonologist

Meera Subramaniam, MD

Pediatric Pulmonologist

Ahmet Uluer, DO, MS

Director, Adult Cystic Fibrosis Program

Gary Visner, DO

Director, Pediatric Lung Transplant Program