

## Pediatric Aerodigestive Program

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**APPOINTMENT LINE**

216-844-3032  
For hospital transfers, please call 216-844-1111.

**Conditions Treated**

- Feeding and swallowing disorders
- Recurrent aspiration
- Congenital and acquired structural disorders of the airway and esophagus
- Severe gastroesophageal reflux and eosinophilic esophagitis
- Recurring sinopulmonary infections
- Chronic cough

**Diagnostic Procedures**

- Feeding and swallowing evaluation, including both fluoroscopic and endoscopic techniques
- Flexible laryngoscopy
- Rigid laryngoscopy combined, when indicated, with flexible bronchoscopy and upper endoscopy
- Lung function testing
- Esophageal impedance-pH monitoring
- Wireless esophageal pH monitoring
- High-resolution esophageal manometry (motility testing)
- Fully accredited nasal nitric oxide testing using Primary Ciliary Dyskinesia Foundation standards
- Nasal epithelial brush culture and electron microscopy
- Genetic analysis
- Exercise testing
- Advanced imaging, including CT and MRI with 3-D reconstruction and vascular imaging

## **Therapies and Services**

- Advanced repair of airway lesions, from nose to alveolus
- Antimicrobial airway clearance; antimicrobial, respiratory therapy and immunotherapies for medical causes of chronic aerodigestive issues
- Advanced speech therapy for aspiration and other swallowing disorders

## **Distinguishing Features**

- One-stop clinic for the convenience of families
- Collaborative team approach with ENT, pulmonology, gastroenterology, speech therapy, general surgery, cardiology, maxillofacial surgery, anesthesiology, allergy/immunology, critical care, sleep medicine, radiology and respiratory therapy
- Efficient, combined procedures when needed
- Collaborative surgical approach with involvement of pediatric maxillofacial surgery, pediatric dentistry, pediatric thoracic and cardiovascular surgery, and general pediatric surgery
- Pediatric anesthesiology and critical care faculty highly experienced in complex airway and mediastinal cases
- Integration with world-class PCD, CF, asthma/allergy, sleep medicine and other related programs
- Timely and comprehensive feedback for patients and referring providers
- Based in one of the nation's oldest and most renowned children's hospitals

## **About UH Cleveland Medical Center**

At the core of University Hospitals' \$4 billion health system is UH Cleveland Medical Center, ranked among America's best hospitals by U.S. News & World Report. UH Cleveland Medical Center is home to some of the most prestigious clinical and research programs in the nation, including cancer, pediatrics, women's health, orthopedics, radiology, neuroscience, cardiology and cardiovascular surgery, digestive health, transplantation and genetics. Its main campus includes UH Rainbow Babies & Children's Hospital, ranked among the top children's hospitals in the nation; UH MacDonald Women's Hospital, Ohio's only hospital for women; and UH Seidman Cancer Center, part of the NCI-designated Case Comprehensive Cancer Center at Case Western Reserve University.