The Pediatric Aerodigestive Program at Weill Cornell Medicine houses a state-of-the-art clinic committed to providing care for children with complex medical problems involving the airway, lung and upper gastrointestinal tract.

Medical problems related to the aerodigestive tract are often complex and challenging to diagnose and treat. Our program brings together a multidisciplinary team in a single location to care for your child. Our team includes:

- pediatric pulmonologists
- pediatric otorhinolaryngologists (ear, nose and throat)
- pediatric gastroenterologists
- speech therapy and feeding specialists
As needed, we offer referrals to additional specialists, including pediatric sleep specialists, surgeons, geneticists and many more.

**Services & Programs**

Pediatric Aerodigestive Program pediatric specialists provide expert care for children with complex medical problems involving the airway, lung and upper gastrointestinal tract, including:

**Pulmonary Conditions**
- chronic cough
- difficult asthma
- recurrent, persistent wheeze
- chronic aspiration
- recurrent pneumonias
- bronchopulmonary dysplasia

**Gastrointestinal Conditions**
- acid reflux
- difficult swallowing (dysphagia)
- feeding problems
- esophageal atresia/tracheoesophageal fistula

**Otolaryngological (ENT) Conditions**
- stridor
- apnea
- laryngomalacia
- laryngeal cleft
- vocal cord paralysis
- voice disorders
- subglottic stenosis
- tracheomalacia
- tracheostomy dependence
- craniofacial abnormalities causing airway obstruction and feeding difficulties

**Diagnosis & Treatment**
All medical specialists on your child’s team meet together to review recommendations and develop a unified and consistent care plan. This coordinated care eliminates the typical stresses many parents encounter when navigating multiple visits to different medical specialists on their own.

A dedicated patient care coordinator assists your family across all phases of your child’s care, scheduling related office visits and diagnostic procedures and serving as your point of contact.

We offer the following specialized diagnostic procedures and studies:

**Pediatric Pulmonology**
- pulmonary function tests
  - spirometry
  - lung volume testing
  - diffusion testing
  - methacholine challenge testing
  - cardiopulmonary exercise testing
- flexible bronchoscopy
  - upper and lower airway anatomy assessment for presence of increased secretions and infections
  - Bronchoalveolar Lavage (BAL)
  - brush biopsies

**Pediatric Gastroenterology**
- upper endoscopy
  - inflammation assessment of the esophagus (i.e. GERD, esoinophilic esophagitis)
  - with Bravo
  - with dilatation
  - with pH impedance
  - with or without biopsy

**Pediatric Otolaryngology (ENT)**
- nasopharyngoscopy
  - sinus and nasal anatomy evaluation (i.e. adenoid hypertrophy)
- flexible fiberoptic laryngoscopy and stroboscopy
  - upper airway anatomy evaluation (i.e. vocal cords, laryngomalacia)
  - upper airway inflammation evaluation (i.e. reflux)
- direct laryngoscopy and bronchoscopy
• upper and lower evaluation under anesthesia
• assessment of anatomical defects that may require surgical correction:
  ■ laryngomalacia
  ■ laryngeal cleft
  ■ subglottic stenosis
  ■ tracheomalacia
  ■ tracheoesophageal fistula

**Pediatric Speech and Swallowing**
• clinical swallowing evaluation
• modified barium swallow examination

**Pediatric Sleep Medicine**
• sleep evaluation, performed at the accredited Pediatric Sleep and Breathing Disorder Center, a dedicated Weill Cornell Medicine pediatric facility

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**What Sets us Apart**

We are affiliated with the Komansky Children’s Hospital at NewYork-Presbyterian Hospital/Weill Cornell Medical Center, the no. 1 ranked children’s hospital in New York City on the 2017-2018 US News & World Report Best Children’s Hospitals Survey.

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**JUMP TO:**

- Services & Programs
- Diagnosis & Treatment
Pediatric Aerodigestive Program
Division of Pediatric Pulmonology

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