



Comprehensive Center for Bronchopulmonary Dysplasia (BPD)



We provide the most advanced, comprehensive BPD care.

Bronchopulmonary Dysplasia (BPD) is a multifactorial disease that affects premature infants inversely with gestational age. BPD causes impaired lung function, but additionally is associated with poor growth, development and social functioning of the baby and family. These problems continue beyond the initial neonatal intensive care unit (NICU) stay; therefore, the Comprehensive Center for Bronchopulmonary Dysplasia at Nationwide Children's Hospital provides both inpatient and outpatient services.

The inpatient service is housed in one of Nationwide Children's newest NICUs offering 28 infant spaces. Leading the country in design and development, the center offers:

- Large, open windows to allow for visual development by light-cycling premature babies
- Private rooms with more space to accommodate BPD therapy sessions
- Large rooms to allow families to stay with their infants and better prepare for the transition home and reduce overall "catch-up" time that many premature babies experience

The outpatient service provides an interdisciplinary medical home designed to improve pulmonary and neurodevelopmental outcomes, while substantially decreasing readmission rates for these high-risk infants.

To improve long-term pulmonary and developmental outcomes, patients are cared for beyond the usual neonatal period, using the principles of chronic care. Information gathered in the course of this care is used to guide future therapies and the direction of the overall program for prevention, treatment and follow-up care for BPD.



Our expert team is dedicated to your child.

The center is comprised of a multidisciplinary team that addresses the medical, nutritional, developmental and social needs of patients. The center provides a unique medical home designed to minimize emergency room visits and hospital admissions. Since its inception in 2004, it has helped to decrease babies' readmission rates from over 30 percent to less than 10 percent, while at the same time improving pulmonary outcomes as assessed by the use of supplemental oxygen, bronchodilators, steroids and diuretics.

The center provides consistent care that is convenient for patients and their families. The entire team serves the baby and family by utilizing evidence-based practice and research to continuously improve care, while creating a physical and therapeutic environment that empowers families to actively participate in the progress of their children. At each visit, babies are seen by a:

- Physician
- Clinic nurse
- Nutritionist
- Social worker
- Physical therapist
- Occupational therapist

In addition to board-certified neonatologists, the BPD team consists of:

- Case managers
- Advanced practice nurses
- Pharmacists
- Physical and occupational therapists
- Respiratory therapists
- Social workers
- Speech therapists
- Staff nurses

We treat the whole family. At the hospital and at home.

BPD places extreme demands on families. Education is a critical component for families so that they are well informed, have realistic expectations, and understand their care plan.

Our unique approach to BPD management attracts families from across the country. Patients receive specialized treatment and families return home with specific treatment plans for their children. Additionally, there is a commitment to ongoing consultation between Nationwide Children’s and the patient’s primary care physician.

Welcome Center Services and Ronald McDonald House

Welcome Center Services supports the unique needs of patients and families arriving from out of town, including housing, transportation, financial information and resources.

Services include our unique Ronald McDonald House Sleep Well, Get Well program, which offers a free hotel stay (the night before any inpatient or outpatient procedure) to families traveling from outside of the central Ohio area. We understand that in order to prepare for a hospital visit, a good night’s rest the night before, for both the patient and family, is essential.

Housing and Transportation

In addition to our Sleep Well, Get Well program, Columbus has a variety of transportation and housing options. Our local partners extend many special discounts to our patients and families.

Financial Information and Resources

We have extensive experience in supporting families and working through questions related to coverage for health care services available through commercial and public insurance, as well as other sources of national and international funding.

Welcome Center Services and Office Hours

Nationwide Children’s Hospital
700 Children’s Drive
Columbus, OH 43205
Phone: (800) 792-8401 Ext. 59866
Monday–Friday: 8 a.m. to 5 p.m.

The Ronald McDonald House provides a “home-away-from-home” for families with seriously ill children. Located across the street from Nationwide Children’s Hospital, families from outside Franklin County are referred to Ronald McDonald House for short- and long-term stays. Following a referral, families are contacted when a room is available.

For complete information, please visit NationwideChildrens.org/Ronald-McDonald-House or contact the Ronald McDonald House directly:
711 E. Livingston Ave.
Columbus, OH 43205
Phone: (614) 227-3700
Fax: (614) 227-3765

Arrange a consult.

Call the Physician Direct Connect Line toll free at (877) 355-0221, for physician consults and to coordinate a patient transport, 24 hours a day, seven days a week.



Nationwide Children's Hospital
700 Children's Drive
Columbus, OH 43205-2696
NationwideChildrens.org/Neonatology

