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## Bronchial Disorders

When you breathe in, the air travels down through your trachea [<https://medlineplus.gov/trachealdisorders.html>] (windpipe). It then goes through two tubes to your lungs. These tubes are your bronchi. Bronchial disorders can make it hard for you to breathe.

The most common problem with the bronchi is bronchitis, an inflammation of the tubes. It can be acute [<https://medlineplus.gov/acutebronchitis.html>] or chronic [<https://medlineplus.gov/chronicbronchitis.html>]. Other problems include:

- Bronchiectasis - a condition in which damage to the airways causes them to widen and become flabby and scarred
- Exercise-induced bronchospasm - a breathing problem that happens when your airways shrink while you are exercising
- Bronchiolitis - an inflammation of the small airways that branch off from the bronchi
- Bronchopulmonary dysplasia - a chronic lung condition in infants, most often premature infants [<https://medlineplus.gov/prematurebabies.html>]

## Start Here

- Bronchiectasis [<https://www.lung.org/lung-health-diseases/lung-disease-lookup/bronchiectasis>] (American Lung Association)
- Bronchiolitis [<https://familydoctor.org/condition/bronchiolitis/?adfree=true>] (American Academy of Family Physicians)  
Also in Spanish [<https://es.familydoctor.org/condicion/bronquiolitis-es/?adfree=true>]
- Bronchiolitis [<https://www.mayoclinic.org/diseases-conditions/bronchiolitis/symptoms-causes/syc-20351565?p=1>] (Mayo Foundation for Medical Education and Research)
- Bronchopulmonary Dysplasia (BPD) [<https://www.nhlbi.nih.gov/health/bronchopulmonary-dysplasia>]  (National Heart, Lung, and Blood Institute)  
Also in Spanish [<https://www.nhlbi.nih.gov/es/salud/displasia-broncopulmonar>]
- Exercise-Induced Bronchospasm [<https://familydoctor.org/condition/exercise-induced-bronchospasm/?adfree=true>] (American Academy of Family Physicians)  
Also in Spanish [<https://es.familydoctor.org/condicion/broncoespasmo-inducido-por-el-ejercicio-es/?adfree=true>]
- What Is Bronchiectasis? [<https://www.nhlbi.nih.gov/health/bronchiectasis>]  (National Heart, Lung, and Blood Institute)  
Also in Spanish [<https://www.nhlbi.nih.gov/es/salud/bronquiectasias>]

## Diagnosis and Tests

- Bronchoscopy and Bronchoalveolar Lavage (BAL) [<https://medlineplus.gov/lab-tests/bronchoscopy-and-bronchoalveolar-lavage-bal/>]  (National Library of Medicine)  
Also in Spanish [<https://medlineplus.gov/spanish/pruebas-de-laboratorio/broncoscopia-con-lavado-broncoalveolar/>]
- Lung Function Tests [<https://medlineplus.gov/lab-tests/lung-function-tests/>]  (National Library of Medicine)  
Also in Spanish [<https://medlineplus.gov/spanish/pruebas-de-laboratorio/pruebas-de-funcion-pulmonar/>]
- Tests for Lung Disease [<https://www.nhlbi.nih.gov/health/lung-tests>]  (National Heart, Lung, and Blood Institute)  
Also in Spanish [<https://www.nhlbi.nih.gov/es/salud/pruebas-pulmonares>]

# Specifics

- About Flavorings-Related Lung Disease [<https://www.cdc.gov/niosh/flavoring-related-lung-disease/about/>] (National Institute for Occupational Safety and Health)
- Bronchiolitis Obliterans [<https://www.nationaljewish.org/conditions/bronchiolitis-obliterans?modal=1>] (National Jewish Health)

## Clinical Trials

- ClinicalTrials.gov: Bronchial Diseases [<https://clinicaltrials.gov/search?cond=%22Bronchial+Diseases%22&aggFilters=status:not%20rec>]  (National Institutes of Health)
- ClinicalTrials.gov: Bronchiectasis [<https://clinicaltrials.gov/search?cond=%22Bronchiectasis%22&aggFilters=status:not%20rec>]  (National Institutes of Health)
- ClinicalTrials.gov: Bronchiolitis [<https://clinicaltrials.gov/search?cond=%22Bronchiolitis%22&aggFilters=status:not%20rec>]  (National Institutes of Health)

## Journal Articles

References and abstracts from MEDLINE/PubMed (National Library of Medicine)

- Article: Bronchoscopic Management of Central Airway Obstruction in Children after Heart Surgery. [<https://www.ncbi.nlm.nih.gov/pubmed/40578812>]
- Article: Bronchoscopy procedures in diagnostics and treatment of endobronchial tuberculosis. [<https://www.ncbi.nlm.nih.gov/pubmed/40452523>]
- Article: Application value of fibro-bronchoscopic cryosurgery combined with medication in the treatment... [<https://www.ncbi.nlm.nih.gov/pubmed/40281601>]
- Bronchial Disorders -- see more articles [<https://pubmed.ncbi.nlm.nih.gov/?term=%22Bronchial+Diseases%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND+%22last+2+Years%22+%5Bdat%5D+NOT+%28letter%5Bpt%5D+OR+case+reports%5Bpt%5D+OR+editorial%5Bpt%5D+OR+comment%5Bpt%5D%29>]

## Reference Desk

- Bronchi, Bronchial Tree, and Lungs [<https://training.seer.cancer.gov/anatomy/respiratory/passages/bronchi.html>]  (National Cancer Institute)
- How the Lungs Work [<https://www.nhlbi.nih.gov/health/lungs>]   (National Heart, Lung, and Blood Institute)  
Also in Spanish [<https://www.nhlbi.nih.gov/es/salud/pulmones>]

## Find an Expert

- American Lung Association [<https://www.lung.org/>]
- National Heart, Lung, and Blood Institute [<https://www.nhlbi.nih.gov/>] 

## Children

- Bronchiolitis (For Parents) [<https://kidshealth.org/en/parents/bronchiolitis.html>] (Nemours Foundation)  
Also in Spanish [<https://kidshealth.org/es/parents/bronchiolitis.html>]
- Bronchiolitis: What Parents Should Know [<https://www.healthychildren.org/English/health-issues/conditions/chest-lungs/Pages/bronchiolitis.aspx>] (American Academy of Pediatrics)
- What Are Newborn Breathing Conditions? [<https://www.nhlbi.nih.gov/health/newborn-breathing-conditions>]  (National Heart, Lung, and Blood Institute)

## Patient Handouts

- Bronchiectasis [<https://medlineplus.gov/ency/article/000144.htm>] (Medical Encyclopedia)

Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000144.htm>]

- Bronchiolitis [<https://medlineplus.gov/ency/article/000975.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/000975.htm>]
- Bronchiolitis - discharge [<https://medlineplus.gov/ency/patientinstructions/000007.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/patientinstructions/000007.htm>]
- Bronchopulmonary dysplasia [<https://medlineplus.gov/ency/article/001088.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/001088.htm>]
- Postural drainage [<https://medlineplus.gov/ency/patientinstructions/000051.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/patientinstructions/000051.htm>]
- Tracheal rupture [<https://medlineplus.gov/ency/article/001092.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/001092.htm>]



## MEDICAL ENCYCLOPEDIA

[Bronchiectasis](https://medlineplus.gov/ency/article/000144.htm) [<https://medlineplus.gov/ency/article/000144.htm>]

[Bronchiolitis](https://medlineplus.gov/ency/article/000975.htm) [<https://medlineplus.gov/ency/article/000975.htm>]

[Bronchiolitis - discharge](https://medlineplus.gov/ency/patientinstructions/000007.htm) [<https://medlineplus.gov/ency/patientinstructions/000007.htm>]

[Bronchopulmonary dysplasia](https://medlineplus.gov/ency/article/001088.htm) [<https://medlineplus.gov/ency/article/001088.htm>]

[Bronchoscopy](https://medlineplus.gov/ency/article/003857.htm) [<https://medlineplus.gov/ency/article/003857.htm>]

[Chest x-ray](https://medlineplus.gov/ency/article/003804.htm) [<https://medlineplus.gov/ency/article/003804.htm>]

[Postural drainage](https://medlineplus.gov/ency/patientinstructions/000051.htm) [<https://medlineplus.gov/ency/patientinstructions/000051.htm>]

[Tracheal rupture](https://medlineplus.gov/ency/article/001092.htm) [<https://medlineplus.gov/ency/article/001092.htm>]

## Related Health Topics

[Acute Bronchitis](https://medlineplus.gov/acutebronchitis.html) [<https://medlineplus.gov/acutebronchitis.html>]

[Asthma](https://medlineplus.gov/asthma.html) [<https://medlineplus.gov/asthma.html>]

[Chronic Bronchitis](https://medlineplus.gov/chronicbronchitis.html) [<https://medlineplus.gov/chronicbronchitis.html>]

## National Institutes of Health

The primary NIH organization for research on *Bronchial Disorders* is the National Heart, Lung, and Blood Institute [<http://www.nhlbi.nih.gov/>]

## Other Languages

Find health information in languages other than English [<https://medlineplus.gov/languages/bronchialdisorders.html>] on *Bronchial Disorders*

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