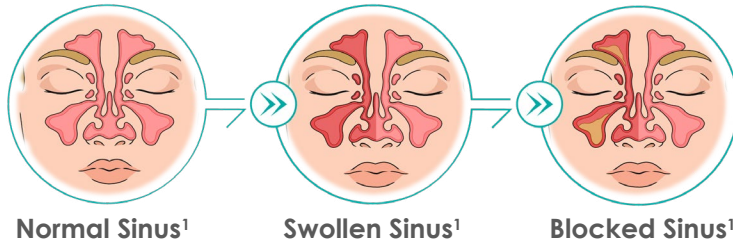


What Is Chronic Rhinosinusitis?



- Inflammation of the inner lining of the nose and sinuses **lasting more than 12 weeks** and resulting in two or more nasal symptoms (eg, nasal congestion, runny nose, face pain or headache, loss of smell) that can affect your quality of life²
- Affects **5%–12%** of adults³

Chronic Rhinosinusitis Can Occur With or Without Nasal Polyps³

Nasal polyps are **soft and painless growths** in the inner lining of the nose or sinuses of patients, are noncancerous, and can affect approximately 20%–30% of the patients³

CRSwNP and Asthma – How Often Are They Connected?

67% There is a high rate of co-occurrence of CRSwNP and asthma⁴



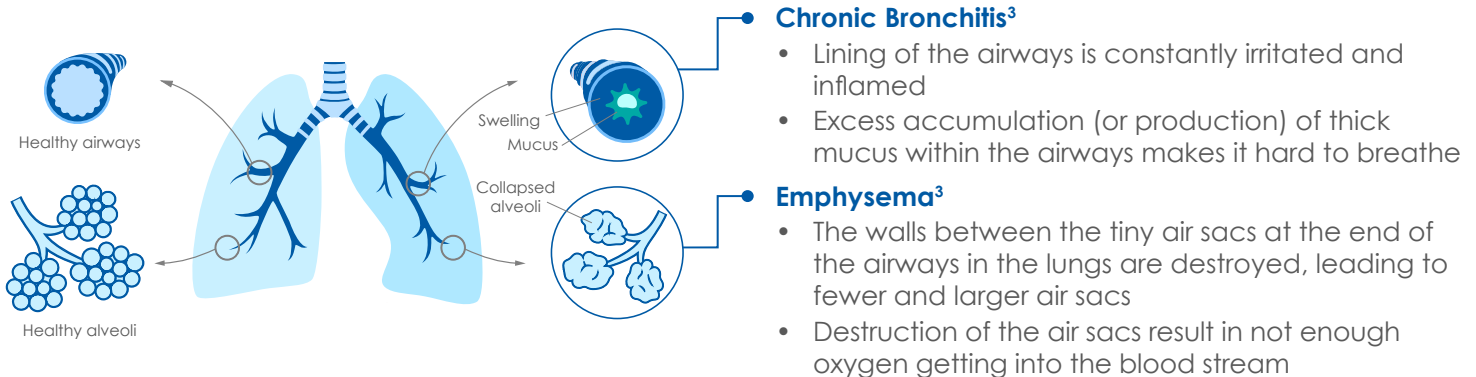
People with **asthma** have a **greater chance** of having nasal polyps⁵



Chronic Lower Respiratory Diseases

- Chronic lower respiratory disease is the sixth leading cause of death in the United States¹
- The most common chronic lower respiratory diseases are:
 - Asthma¹
 - COPD¹
 - Chronic bronchitis²
 - Emphysema²

COPD Is Also Known as Chronic Bronchitis or Emphysema²



COPD and Asthma – How Are They Different?

Although asthma and COPD are different diseases, they can display some of the same symptoms making them hard to tell apart:⁴



- Difficulty breathing
- Excess mucus

- Frequent coughing
- Shortness of breath
- Wheezing



About **15%–55% of patients** may have symptoms of both asthma and COPD⁵



Smokers are at an **increased risk** of having both **asthma and COPD⁶**



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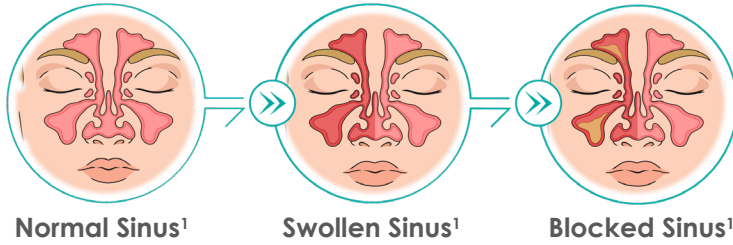
COPD, chronic obstructive pulmonary disease.

1. CDC. <https://www.cdc.gov/nchs/fastats/copd.htm>. Accessed June 6, 2025. **2.** World Health Organization. [https://www.who.int/news-room/fact-sheets/detail/chronic-obstructive-pulmonary-disease-\(copd\)](https://www.who.int/news-room/fact-sheets/detail/chronic-obstructive-pulmonary-disease-(copd)). Accessed June 6, 2025. **3.** National Heart, Lung, and Blood Institute. https://www.nhlbi.nih.gov/sites/default/files/publications/A-QuickGuide-on-COPD-2022_0.pdf. Accessed June 6, 2025. **4.** American Lung Association. <https://www.lung.org/lung-health-diseases/lung-disease-lookup/asthma/learn-about-asthma/types/asthma-copd-overlap-syndrome>. Accessed June 6, 2025. **5.** American Lung Association. <https://www.lung.org/blog/when-asthma-and-copd-overlap>. Accessed June 6, 2025. **6.** Asthma and Allergy Foundation of America. <https://aafa.org/asthma/asthma-triggers-causes/health-conditions-that-trigger-asthma/chronic-obstructive-pulmonary-disease/>. Accessed June 6, 2025.

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Connecting Upper and Lower Airway Diseases

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CRSwNP, chronic rhinosinusitis with nasal polyps.

1. Cleveland Clinic. <https://my.clevelandclinic.org/health/diseases/17701-sinusitis>. Accessed June 6, 2025.

2. EUFOREA. <https://www.euforea.eu/news/crs-patient-empowerment-guide/>. Accessed April 21, 2025.

3. Asthma and Allergy Foundation of America. <https://aafa.org/wp-content/uploads/2024/04/life-with-nasal-polyps-report.pdf>. Accessed April 21, 2025. 4. Laidlaw TM, et al. *J Allergy Clin Immunol Pract*. 2021;9:1133-1141.

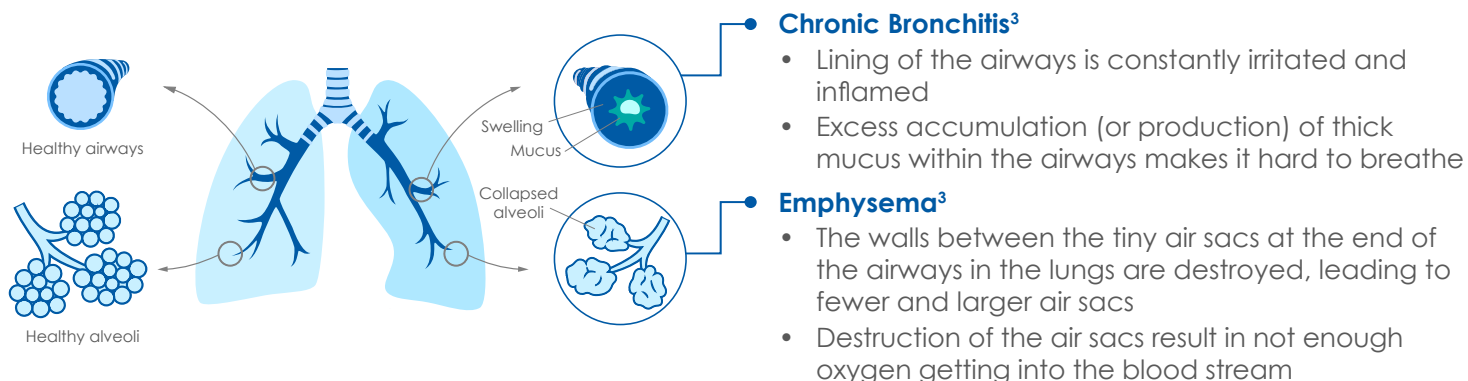
5. American College of Allergy, Asthma & Immunology. <https://acaai.org/allergies/allergic-conditions/chronic-rhinosinusitis-with-nasal-polyps/>. Accessed June 6, 2025.

Connecting Upper and Lower Airway Diseases

Chronic Lower Respiratory Diseases

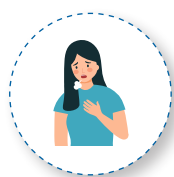
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