62a Pathology: Respiratory System

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Class Outline

5 minutes	Attendance, Breath of Arrival, and Reminders
10 minutes	Lecture:
25 minutes	Lecture:
15 minutes	Active study skills:
60 minutes	Total

62a Pathology: Respiratory System
Class Reminders

Assignments:

- By class 62b you must be signed-up and logged into MassagePrep.training
- 64b Executive Summary (due before the end of class)
    - Packet 21-22
    - Sections 1-3 to be done ***before*** this class. Section 4 will be done in class.
    - The completed Executive Summary to be handed in at end of class.
- 66a Review Questions (due before class starts)

Exams:

- 62b Deep Tissue: Touch Assessment

Quizzes:

- 67a Written Exam Prep Quiz (study material from classes 59a, 64b, and 65b)
- 67b Kinesiology Quiz (all 57 muscles covered so far)
- 68a Written Exam Prep Quiz (61a, 62a, 63a, 64a, 65a, and 66a)

Preparation for upcoming classes:

- 63a A&P: Digestive System
    - Packet E: 153-160.
    - RQ – Packet A: 199-200.
- 63b Integration Massage: Swedish, Passive Stretches, BMTs, and Deep Tissue
    - Packet D: 35-38.
    - Packet F – 58.

Classroom Rules

Punctuality - everybody's time is precious

- Be ready to learn at the start of class; we'll have you out of here on time
- Tardiness: arriving late, returning late after breaks, leaving during class, leaving early

The following are not allowed:

- Bare feet
- Side talking
- Lying down
- Inappropriate clothing
- Food or drink except water
- Phones that are visible in the classroom, bathrooms, or internship

You will receive one verbal warning, then you'll have to leave the room.

62a Pathology: Respiratory System

Packet E - 151

Infectious Respiratory Disorders

Acute bronchitis

Common cold

Influenza

Pneumonia

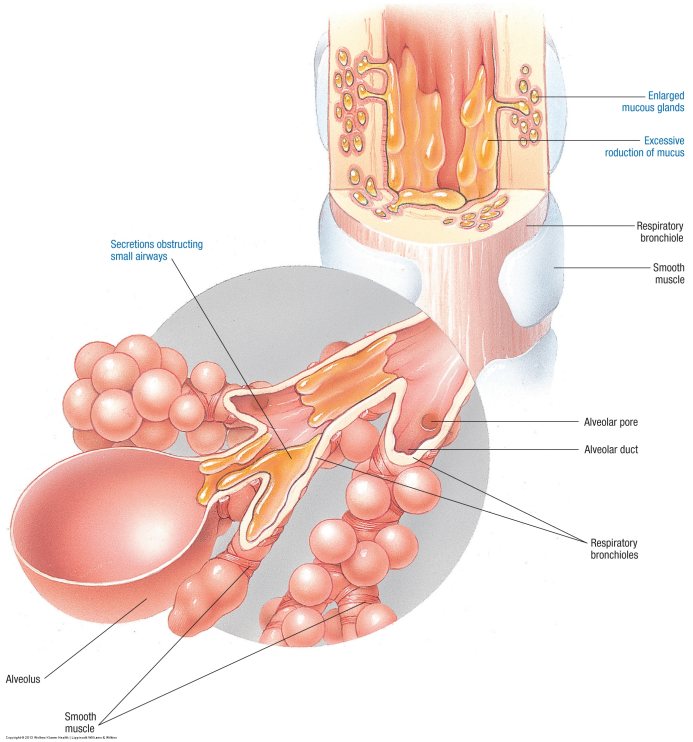
Sinusitis

Tuberculosis

Infectious Respiratory Disorders

Acute bronchitis Inflammation of the trachea, bronchi and bronchioles.

Productive cough, sore throat, nasal congestion, fatigue, and fever.



Infectious Respiratory Disorders

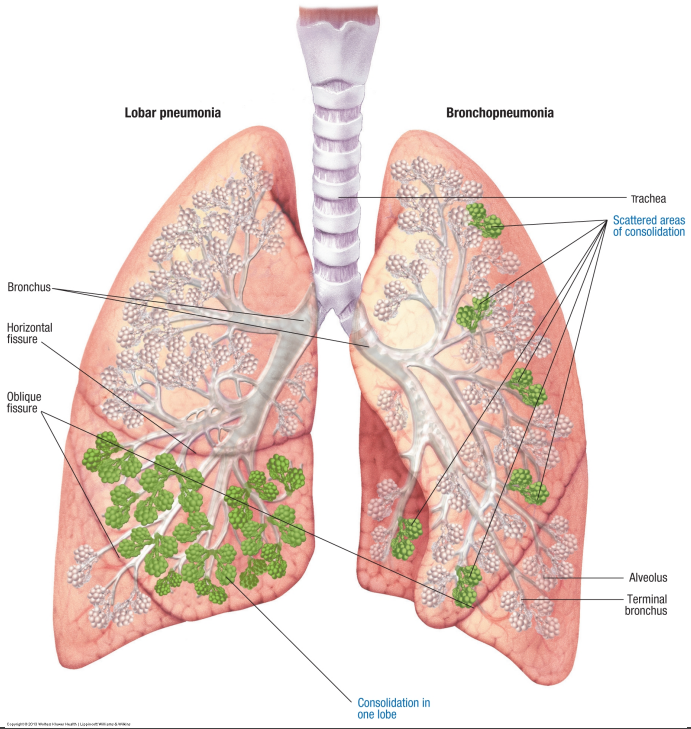
Common cold Viral infection of the respiratory tract. Nasal discharge, sore throat, mild fever, dry coughing, and headache.

Infectious Respiratory Disorders

Influenza (AKA: flu) Viral infection of the respiratory tract. High fever, muscle and joint achiness, runny nose, coughing, sneezing.

Infectious Respiratory Disorders

Pneumonia Inflammation of the lungs due to infection. Many symptoms including coughing, very high fever, delirium, chest pains and more. Very often follows same course as flu, but instead of getting better gets rapidly worse.



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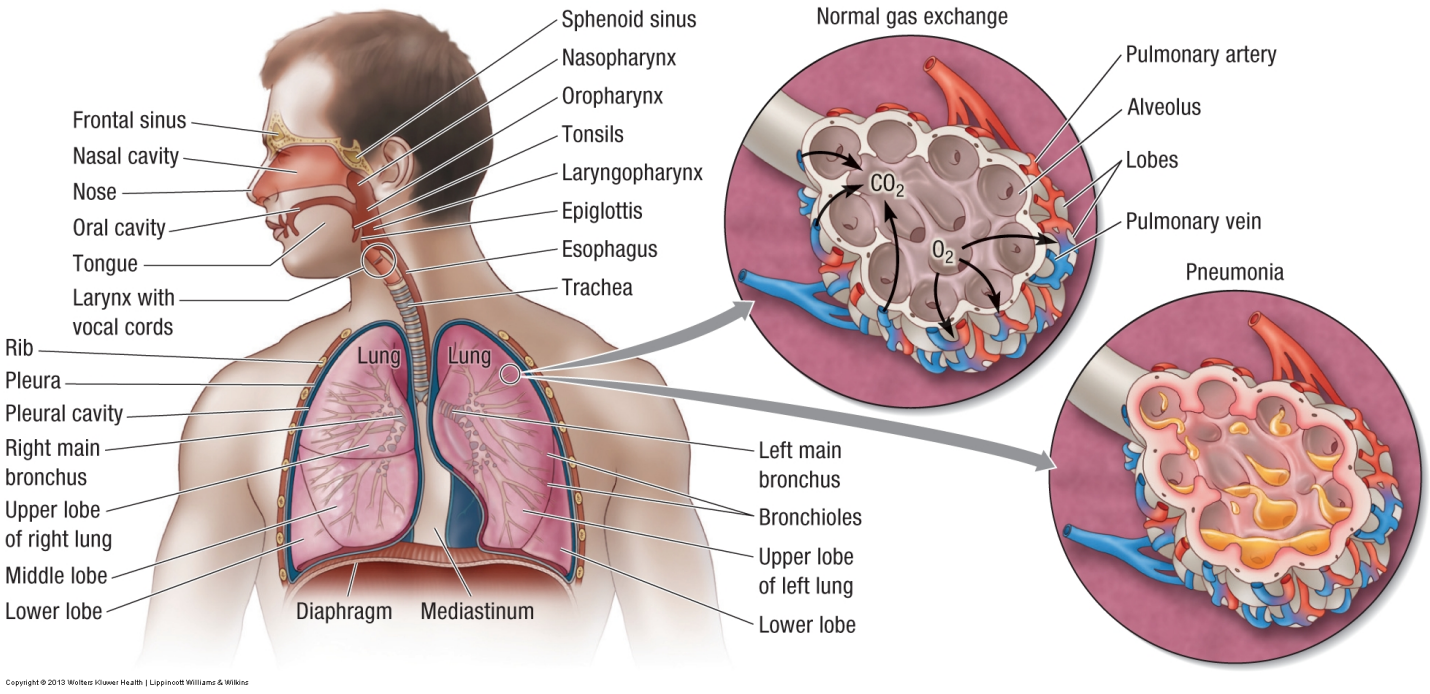

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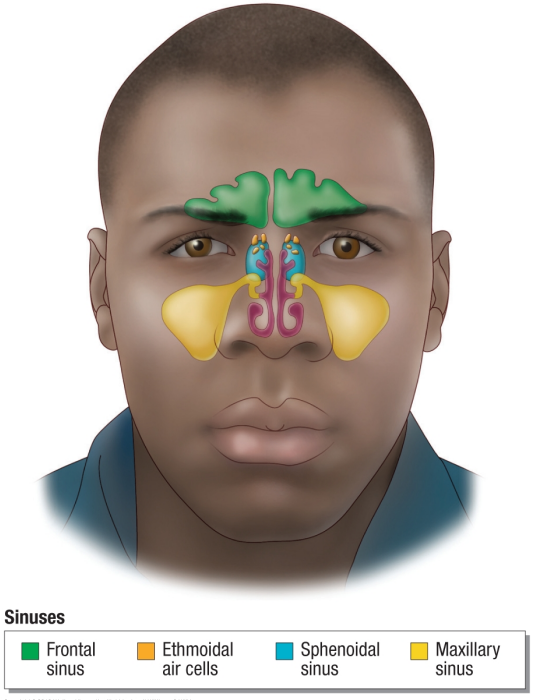
Infectious Respiratory Disorders

Sinusitis Inflammation of the paranasal sinuses from infection, allergies, or physical obstruction. Symptoms include severe headache.



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Infectious Respiratory Disorders

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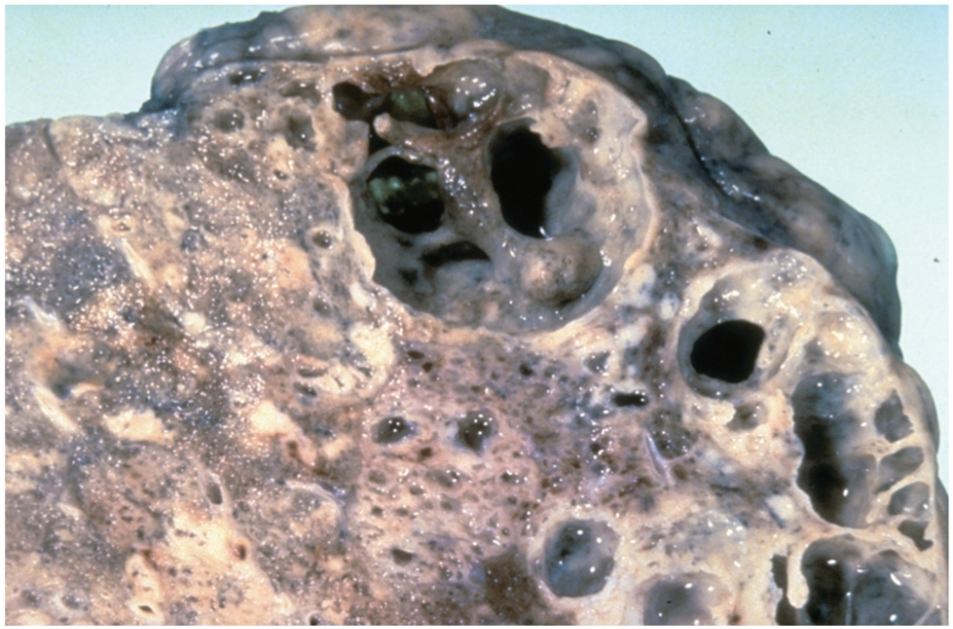
Infectious Respiratory Disorders

Tuberculosis Bacterial infection that begins in the lungs, but may spread to bones, kidneys, lymph nodes, central nervous system, and elsewhere.



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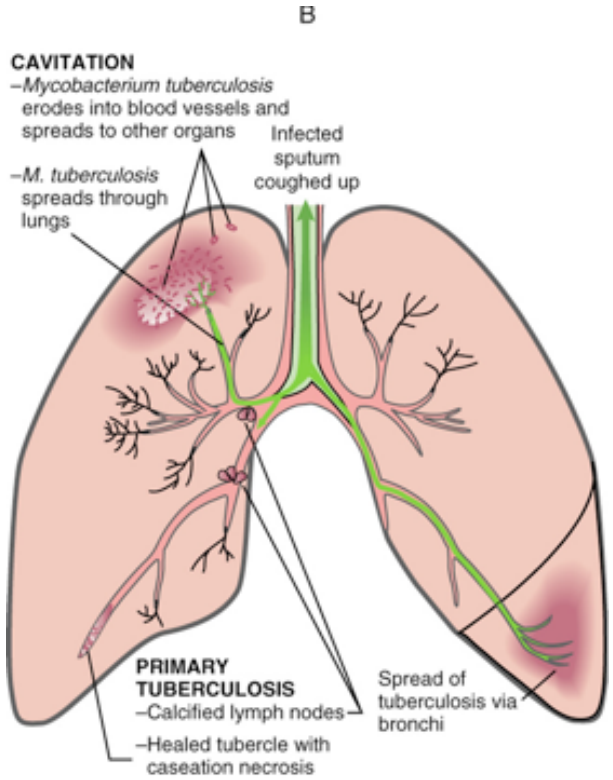
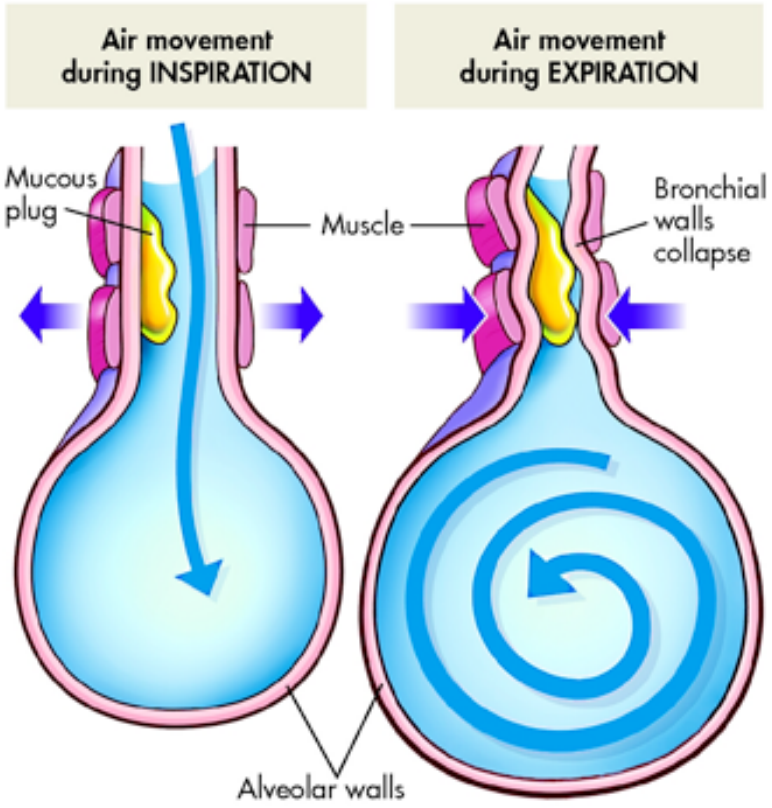


Chronic Obstructive Pulmonary Diseases (COPD)

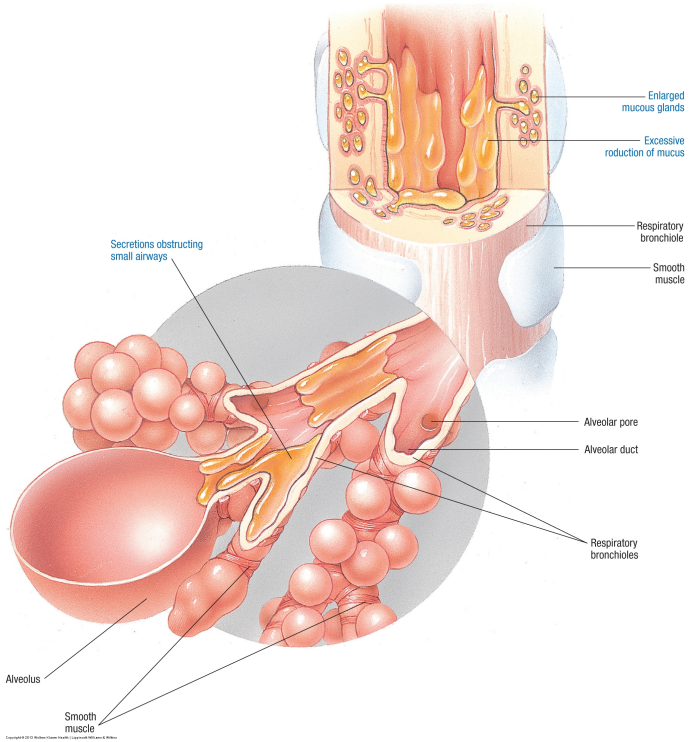
Chronic bronchitis

Emphysema



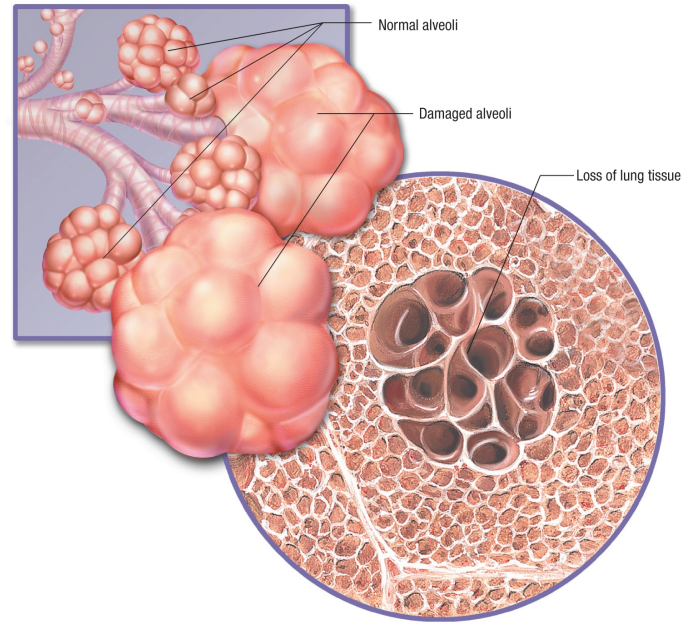
Chronic Obstructive Pulmonary Diseases (COPD)

Chronic bronchitis Long-term inflammation of the bronchi and bronchioles. Usually begins with a mild cough that lingers long after any infection has cleared.



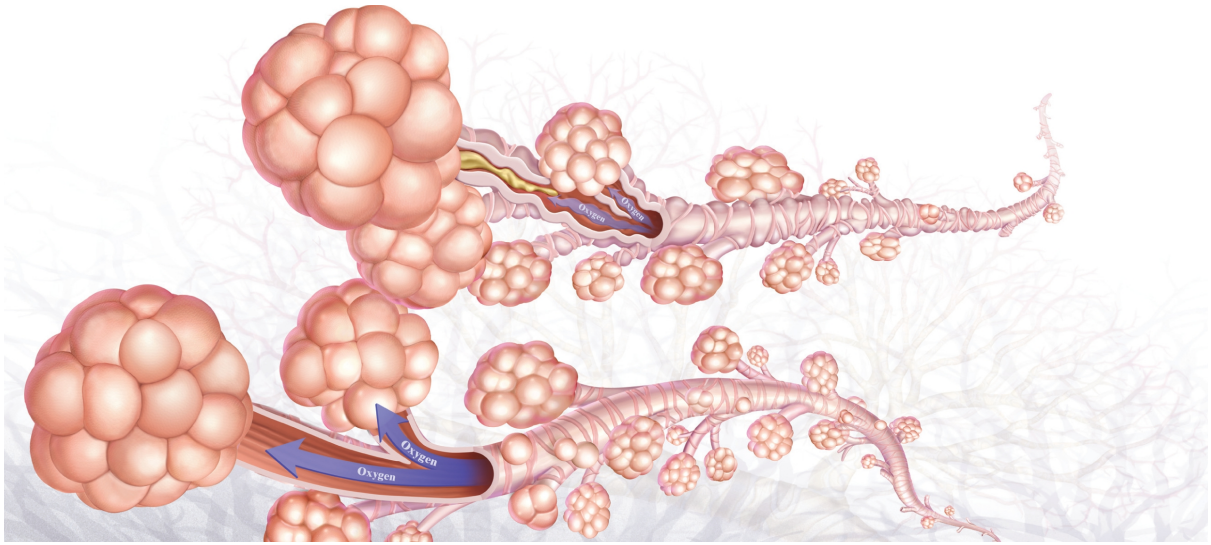
Chronic Obstructive Pulmonary Diseases (COPD)

Emphysema Alveoli become stretched out and inelastic, merging with each other. Destroys surface area and capillaries. Symptoms include pain with breathing, shortness of breath, dry cough and wheezing.



Other Respiratory Disorders

Asthma Chronic airway inflammation and intermittent airflow obstruction due to hyper-reactive bronchioles. Causes shortness of breath, wheezing, coughing, difficulty in exhaling.



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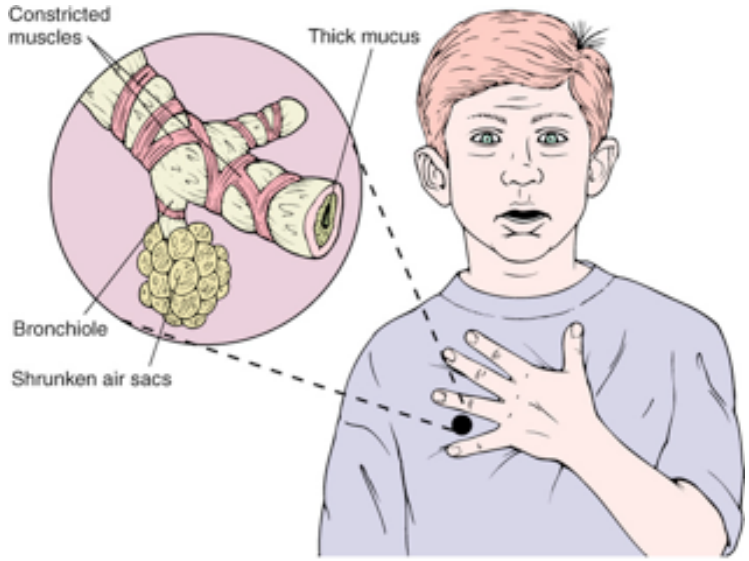
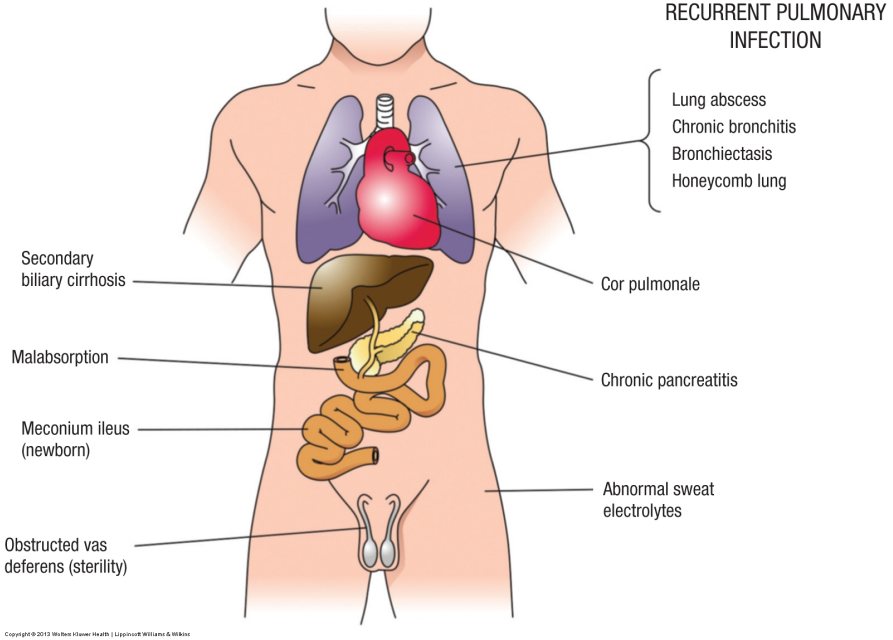


Other Respiratory Disorders

Cystic fibrosis Congenital disease of exocrine glands that causes their secretions (mucus, digestive enzymes, bile, sweat) to become abnormally thick and viscous. Most commonly affects lungs, causing coughing, wheezing and chest pain, but can affect digestive, integumentary or reproductive systems as well.



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