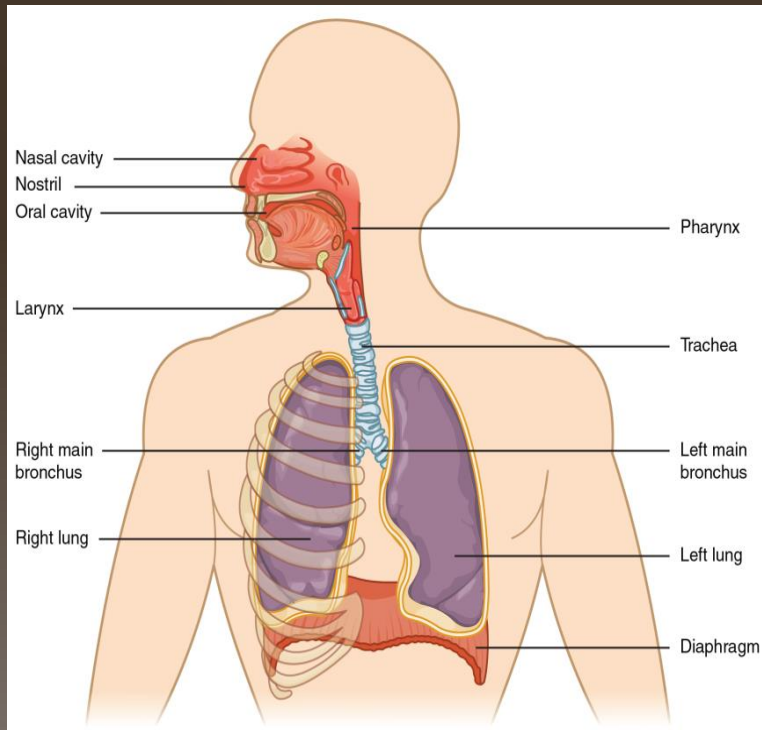


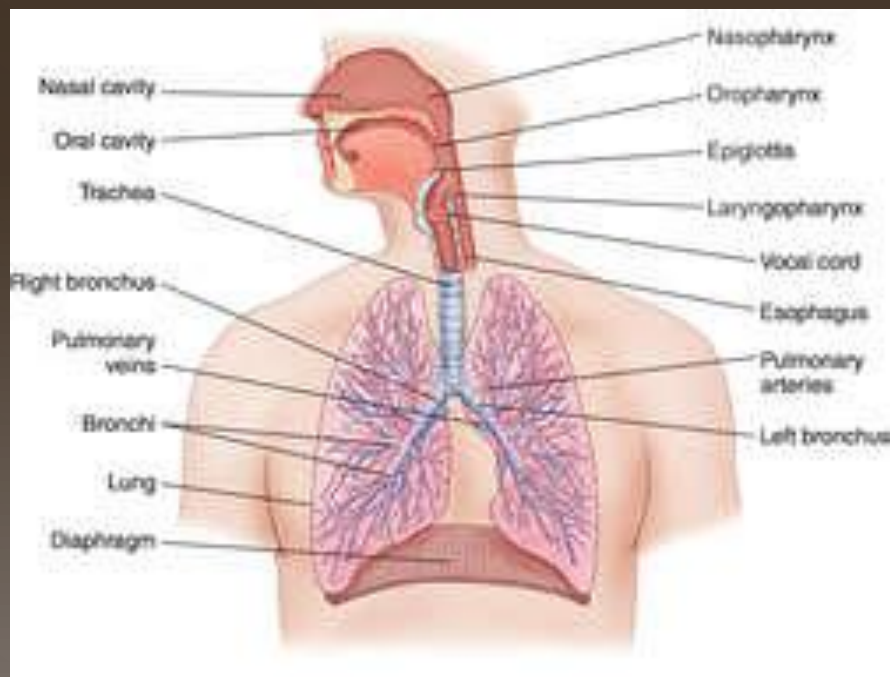
# Respiratory System

Cody Carlson



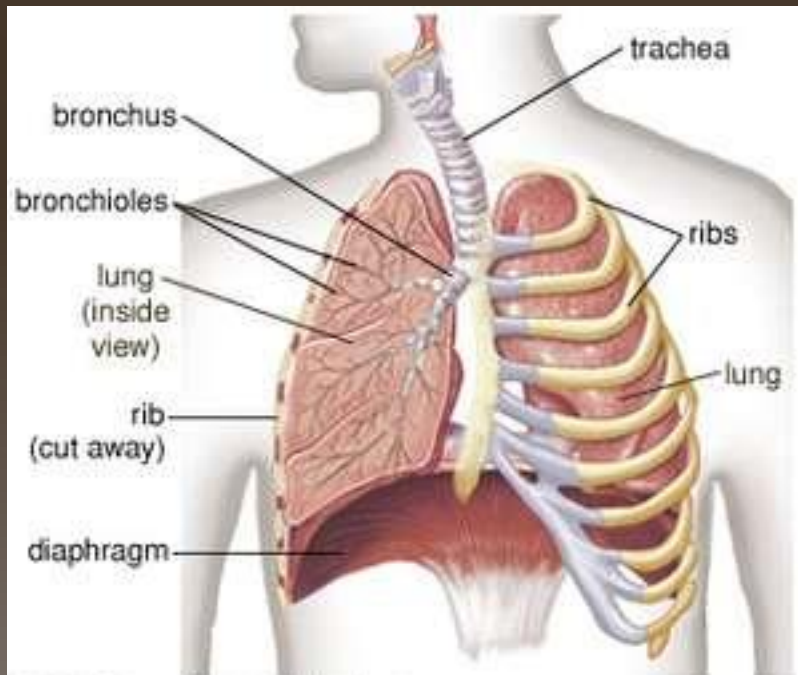
# What system are you researching?

I am researching the respiratory system.



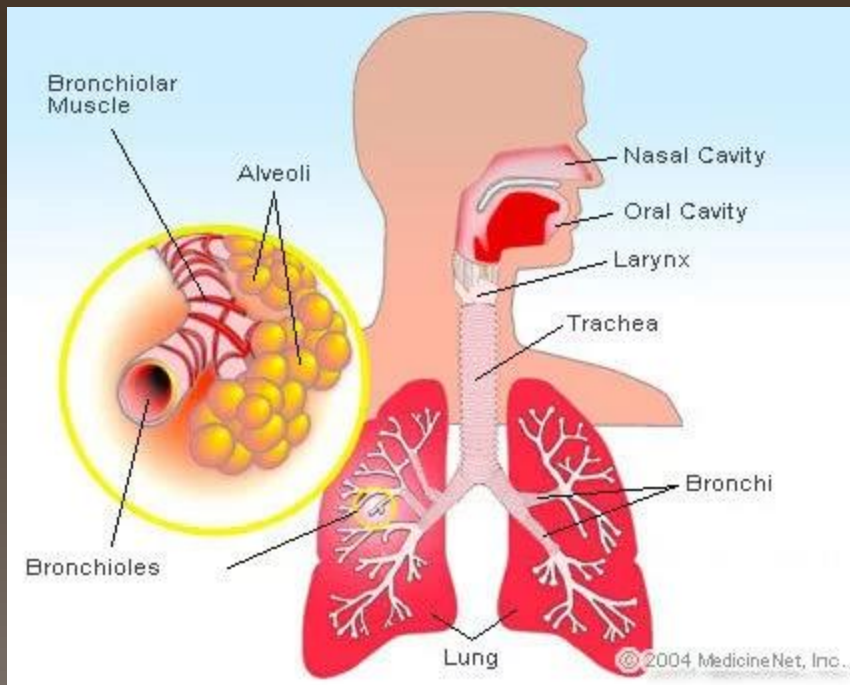
# What body parts and major organs are involved in the function of this system?

The main parts that are involved in the respiratory system are the nose, mouth, pharynx, larynx, trachea, and bronchi.



What other body systems assist in operating your chosen system? Explain.

Blood assists in the operation of the respiratory system because without blood lungs wouldn't work.

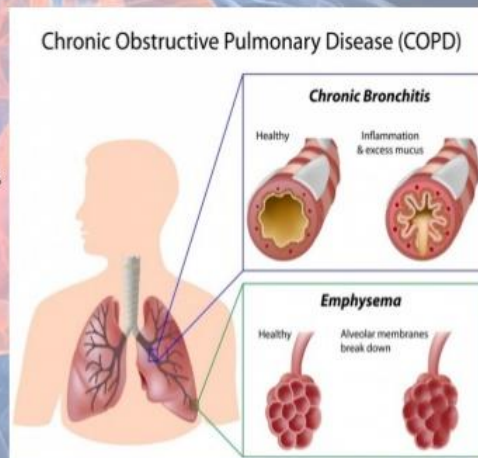


# What types of diseases can affect your body system?

Different viruses such as influenza, pneumonia, and chronic obstructive pulmonary disease (COPD).

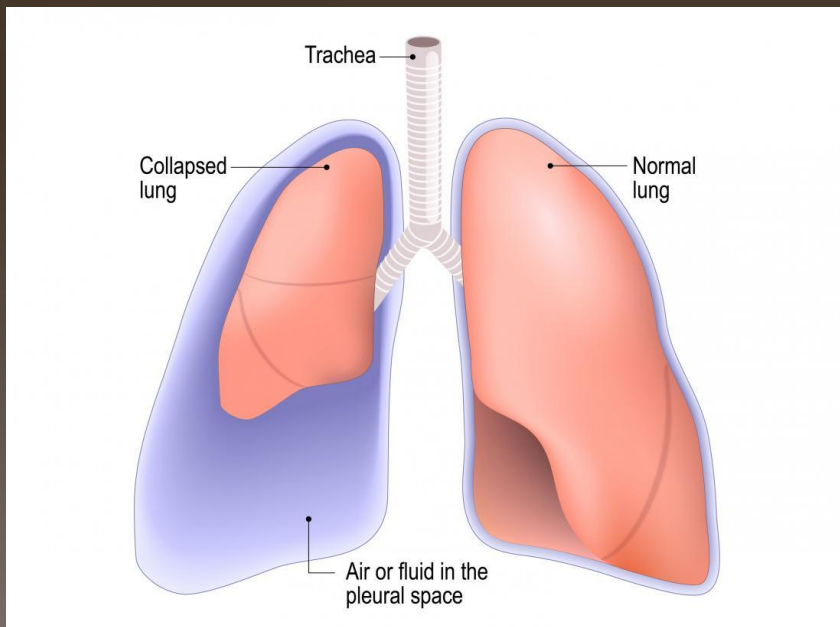
## CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)

- Related diseases
- Chronic bronchial outflow obstruction
- Overlapping features



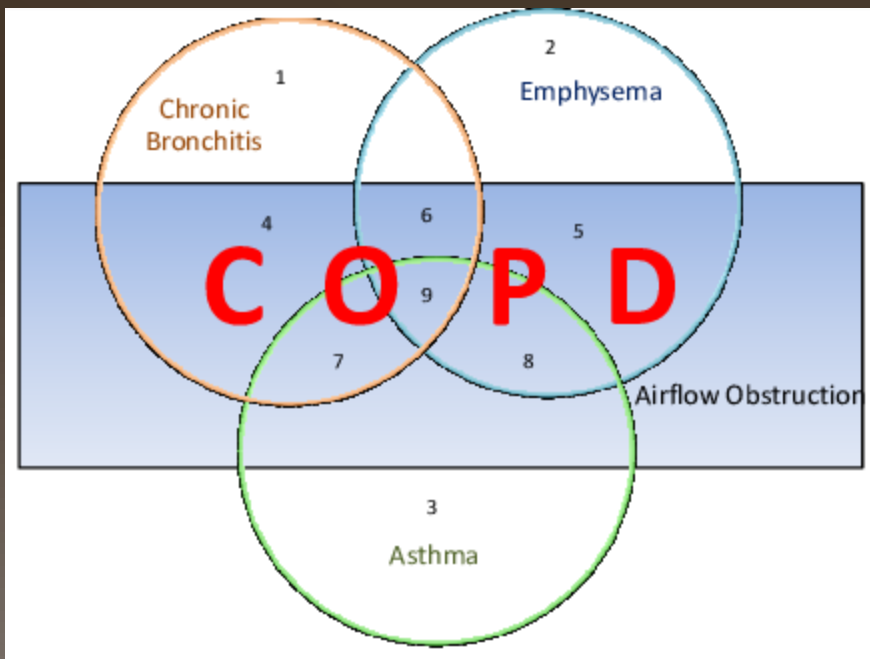
# What types of injuries would affect your body system?

Injuries that affect the respiratory system are lungs collapsing or being punctured.



# What medical treatments are given to help your chosen system if it is injured or diseased?

There is no exact medication for a the main COPD however, there is medications that can help fight the COPD.





How does this body system grow and develop with the human body from childhood to adulthood?

The respiratory system grows along with everything else, such as the heart, intestines, and body.





# Please list interesting facts about your body system.

- A person usually breathes an average of 13 pints of air every minute.
- Lungs aren't the same size. To accommodate the heart, the right lung is larger than the left lung — for humans, that is.
- Lungs float on water. It's not something most people are aware of but, actually, the lungs are the only organs in the human body that are capable of floating on water.
- Lungs and tennis courts can be the same size. What do lungs and a tennis court have in common? Their size! It seems pretty impossible, but if the lungs were opened flat they would be so big that they would cover the size of a tennis court!
- Oxygen only plays a small part in breathing. The air we breathe contains 21 percent oxygen, but our bodies only use 5 percent — the rest is exhaled.
- Seventy percent of waste is eliminated through your lungs just by simply breathing.
- Children and women breathe faster. Children and women have a higher breathing rate than men.
- Humans exhale up to 17.5 milliliters of water per hour.

# Please provide a list of all your sources of information from this presentation. (at least 3)

<https://www.innerbody.com/anatomy/respiratory>

<https://www.livescience.com/22616-respiratory-system.html>

<https://pulmonaryhypertensionnews.com/2017/12/20/8-fun-facts-lungs/>

<https://youtu.be/mOKmjYwfDGU>

<https://www.visiblebody.com/blog/anatomy-and-physiology-the-relationships-of-the-respiratory-system>

<https://study.com/academy/lesson/respiratory-trauma-injuries-types-symptoms-treatment.html>

[https://www.mysymbicort.com/copd/about-copd/copd-treatment.html?source=sym\\_c\\_c\\_633&umedium=cpc&uadpub=google&ucampaign=copd\\_treatment&ucreative=copd\\_medication\\_exact&uplace=medication\\_for\\_copd&outcome=dtc&cmpid=1&gclid=Cj0KCQjws5HIBRDIARIsAOomqA3lu2nvhr4ph3gUAuvh7rQ24QZLZn1tD2ms8SMlwRE8de8\\_6E30ikaAvc7EALw\\_wcB&gclsrc=aw.ds](https://www.mysymbicort.com/copd/about-copd/copd-treatment.html?source=sym_c_c_633&umedium=cpc&uadpub=google&ucampaign=copd_treatment&ucreative=copd_medication_exact&uplace=medication_for_copd&outcome=dtc&cmpid=1&gclid=Cj0KCQjws5HIBRDIARIsAOomqA3lu2nvhr4ph3gUAuvh7rQ24QZLZn1tD2ms8SMlwRE8de8_6E30ikaAvc7EALw_wcB&gclsrc=aw.ds)