Dec 12, 2019

1) Respiratory Diseases

Warm-Up

In 2007 there were deaths in Canada caused by influenza and pneumonia

Quiz tomorrow on Respiratory System!!!

Respiratory Diseases

1. Pneumonia



- one of the most <u>common</u> respiratory diseases
- it is an <u>inflammation</u> of the lungs usually caused by <u>bacteria</u> but can be viral as well
- the <u>"germ"</u> invades the lungs and causes fluid to build up in the <u>alveoli</u>.
- This prevents the exchange of <u>oxygen</u> and carbon dioxide between the alveoli and the <u>capillaries</u> and the cells of the body do not get enough oxygen.

Pneumonia Symptoms

- fever
- chills
- fatigue
- coughing
- tightness in chest while breathing

Treatment

medications and oxygen

2. Bronchitis

(5)

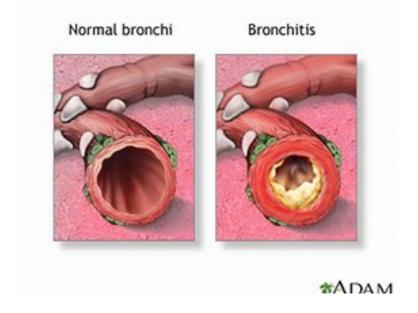
- if particles in the <u>air</u> are not filtered properly they can enter the bronchioles and cause bronchitis.
- the particles cause the <u>bronchioles</u> to become inflamed.

Symptoms

- bad lasting <u>cough</u>
- difficulty breathing

Treatment

medicine which will open the bronchioles



3. Asthma

•

- also caused by <u>particles</u> trapped in the bronchioles
- these particles cause the <u>muscular</u> walls of the bronchioles to contract and become <u>narrow</u>
- can be caused by various <u>allergens</u> (dust, dirt, smoke, <u>pollen</u>, pet dander etc), strenuous activity, stress etc

Symptoms

- difficulty breathing
- wheezing
- chest tightness

Treatment

 puffers which contain <u>medication</u> that relaxes the bronchioles