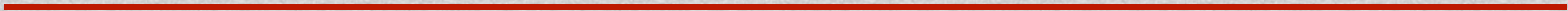
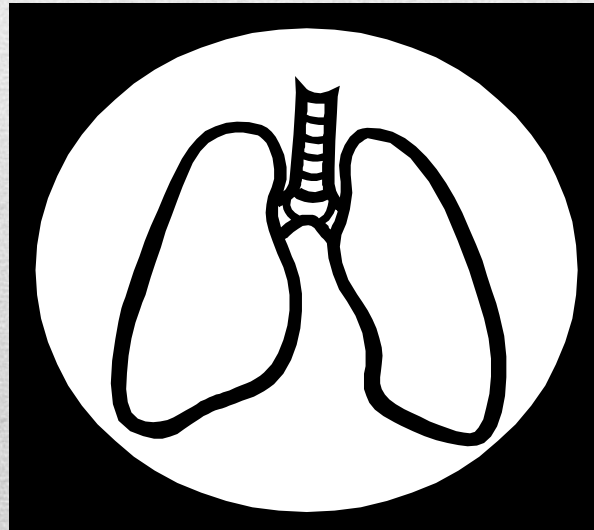
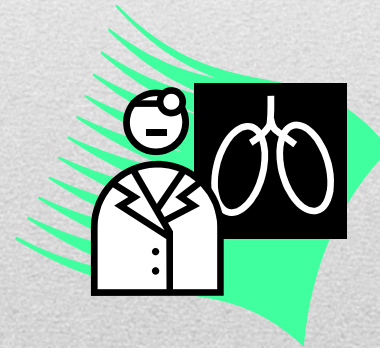


Anatomy of the Respiratory System



The Respiratory System

- The respiratory system is composed of two parts:
 - The upper respiratory tract
 - The lower respiratory tract
- Humans use these structures to:
 - Breathe in oxygen
 - Exhale carbon dioxide



(Respiratory System, 2002)

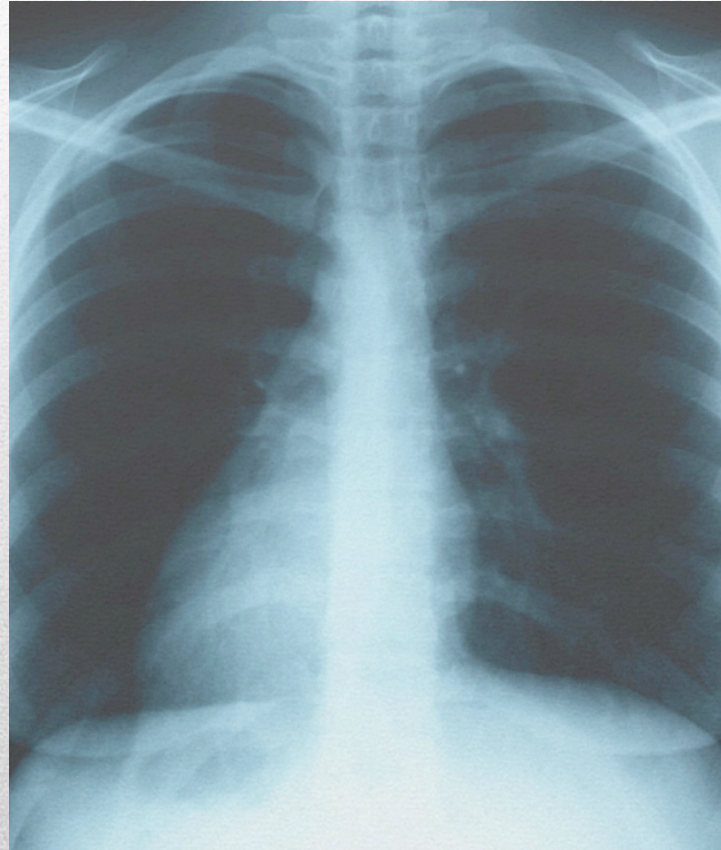
Upper Respiratory Tract

- **Structure:**
 - Nose
 - Nasal cavity
 - Pharynx (or mouth / throat)
 - Larynx (or voice box)
- **Function:**
 - Warm, moisten, and clean inhaled air.
 - Move dirt particles out of the nose
 - This is accomplished via hair-like structures known as cilia.

(Dugdale, 2012a)

Lower Respiratory Tract Structure

- **Structures:**
 - Trachea
 - Bronchi
 - Bronchioles
 - Alveoli
- **Function:**
 - Gas exchange



(Dugdale, 2012b)

The Lungs

- The lungs are located in the chest.
- The right lung is bigger than the left lung.
- Each lung is composed of lobes.
 - The right lung has three lobes.
 - The left lung has two lobes.
- Each lobe has a bronchial branch.
 - Each bronchi leads to bronchioles.
 - Bronchioles end in alveoli.



(Respiratory System, 2012)

References

Dugdale, D. C. (2012a). Upper respiratory tract. Retrieved from <http://www.nlm.nih.gov/medlineplus/ency/imagepages/19378.htm>

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