

1. Alveoli:

Draw the structure	Function
How does structure support function (give 2)	
<p>What role do capillaries play in the above function of alveoli:</p> <p>How does the structure of capillaries support that function?</p>	

2. Diaphragm: Diagram how it changes shape during an exhalation:

3. Why do smokers start to cough up dark mucus after quitting smoking?

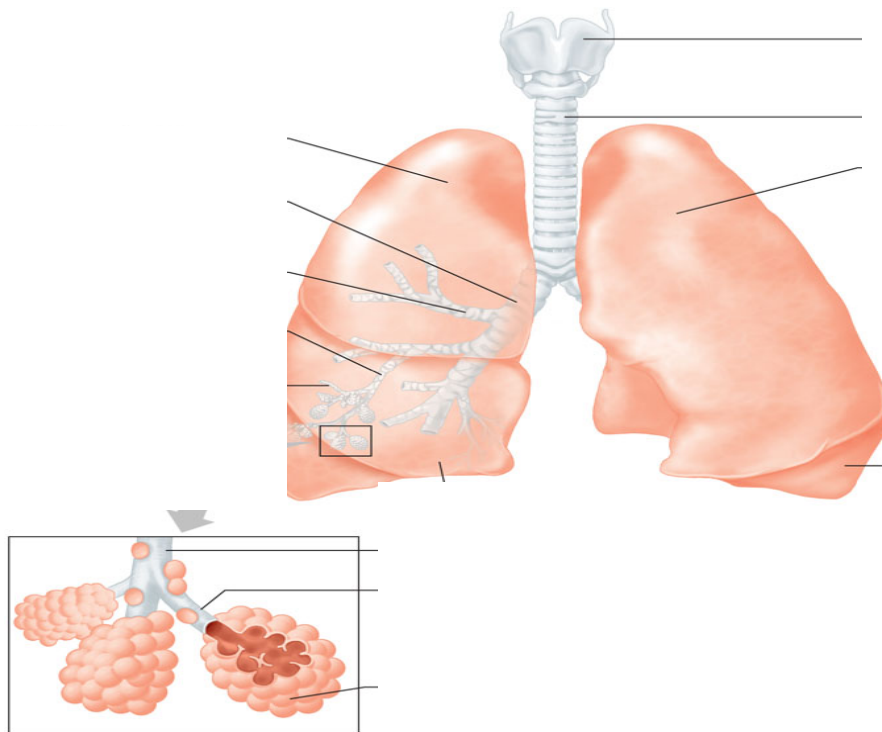
Why do your lungs get heavier when you're a smoker?

4. What 2 ways does mucus help your lungs function?

5. What is cystic fibrosis and how does it affect the respiratory system?

6. Why is it appropriate for the Upper Respiratory System to be lined with cartilage and it can't line the entire respiratory system?

7. Label:

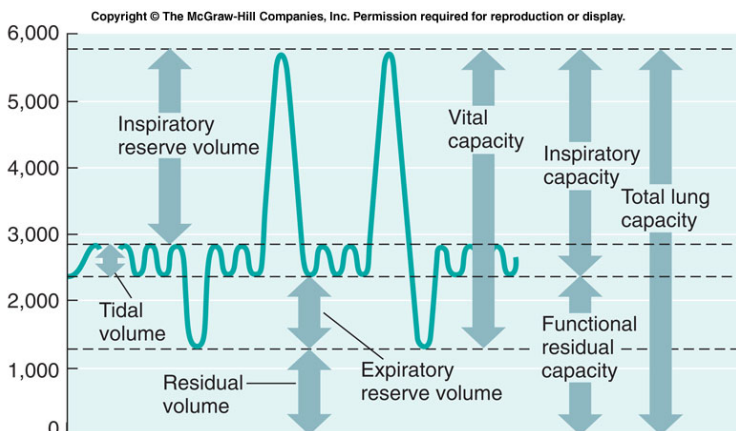


8. Why does the right lung have three lobes and the left only two?

9. What evolutionary advantage do elephant seals have that humans don't that allow them to collapse their lungs?

10. Why is the vascularity so much not dense in your lungs than anywhere else in your body?

11. Why is your IRV more than your ERV?



12. What is residual volume and why do we have it?

13. What is the role of your sinus cavity during air intake?